Annals of the Smithsonian Institution

1999

National Collections Program

Smithsonian Institution Archives

Washington, D.C.
Annals of the Smithsonian Institution
1999
The *Annals* were copyedited and proofread by Chester Zhivanos. Princeton Editorial Associates, Inc., Scottsdale, Arizona, and Oklahoma City, Oklahoma, assembled and typeset the material. Complete volume printed by Colonial Printing, Richmond, Virginia. The contents of the *Annals* were produced from electronic files provided by the museums, offices, and research institutes of the Smithsonian.
Contents

Smithsonian Institution 4
Statement by the Secretary 6
Report of the Board of Regents 9
Report of the Provost 11
Reports of the Museums and Research Institutes 14
Reports of Education, Museum, and Scholarly Services 42
Report of the Under Secretary 51
Reports of the Administrative Offices 53
Report of Development and Membership 66
Contributing Members 70
Donors 85
Chronology 132

Academic, Research Training, and Internship Appointments 157
Award Activity 207
Publications of the Smithsonian Institution Press 218
Publications of the Staff 220
The Smithsonian Institution and Its Subsidiaries, September 30, 1999 280
Members of the Smithsonian Councils, Boards, and Commissions, September 30, 1999 303
Visits to the Smithsonian Institution Museums and Galleries 309
Reports of Affiliated Organizations 310
Financial Report 314
The Smithsonian Institution was created by act of Congress in 1846 in accordance with the terms of the will of James Smithson of England, who in 1826 bequeathed his property to the United States of America "to found at Washington, under the name of the Smithsonian Institution, an establishment for the increase and diffusion of knowledge among men." After receiving the property and accepting the trust, Congress vested responsibility for administering the trust in the Smithsonian Board of Regents.

Board of Regents and Secretary

September 30, 1999

Board of Regents

William H. Rehnquist, Chief Justice of the United States, Chancellor, ex officio
Albert Gore Jr., Vice-President of the United States, ex officio
Thad Cochran, Senator from Mississippi
Bill Frist, Senator from Tennessee
Daniel P. Moynihan, Senator from New York
Sam Johnson, Representative from Texas
Robert T. Matsui, Representative from California
Ralph Regula, Representative from Ohio
Howard H. Baker Jr., Citizen of the District of Columbia
Barber B. Conable Jr., Citizen of New York
Anne d’Harnoncourt, Citizen of Pennsylvania
Hanna H. Gray, Citizen of Illinois
Manuel L. Ibáñez, Citizen of Texas
Homer A. Neal, Citizen of Michigan

Frank A. Shrontz, Citizen of Washington
Wesley S. Williams Jr., Citizen of the District of Columbia

The Secretary

I. Michael Heyman, Secretary
Constance Berry Newman, Under Secretary
J. Dennis O’Connor, Provost
Gary M. Beer, Chief Executive Officer, Smithsonian Business Ventures
Thomas D. Blair, Inspector General
Robert V. Hanle, Executive Director for Development
Donald L. Hardy, Director of Government Relations
James M. Hobbs, Executive Assistant to the Secretary
John E. Huerta, General Counsel
David J. Umansky, Director of Communications
L. Carole Wharton, Director of the Office of Planning, Management, and Budget

Smithsonian National Board

September 30, 1999

Current Members

Hon. Frank Keil, Chairman
Hon. Max Berry, Vice-Chair
Mrs. Carolyn S. Blount
Mr. L. H. "Hacker" Caldwell
Mr. Peter R. Coneway
Mr. Thomas E. Gongdon
Mr. Frank A. Daniels Jr.
Mr. Archie W. Dunham
Dr. Sylvia A. Earle
Smithsonian Institution

Mrs. Jane B. Eisner
Mrs. Patricia Frost
Ms. Nely Galan
Mr. Bert Gerz
Mr. Stephen Hamblett
Mr. Frederic C. Hamilton
Mr. Paul Hertelendy
Mr. Robert L. James
Mrs. Dona Kendall
Mrs. Marie L. Knowles
Hon. Marc E. Leland
Mrs. Elizabeth S. MacMillan
Mr. John D. Macomber
Mrs. Holly Madigan
Mrs. Millicent Mailliard, ex officio
Mr. Michael McBride
Mrs. Nan Tucker McEvoy
Mr. Kenneth B. Miller
Hon. Norman Y. Mineta
Mr. Thomas D. Mullins
Mr. Henry R. Muñoz III
Ms. Nancy Brown Negley
Mr. John M. Nelson
Mrs. Mary Ourisman
Mr. James Patton
Mr. Heinz C. Prechtler
Mr. Thomas F. Pyle Jr.
Baron Eric de Rothschild
Mr. A. R. Sanchez
Mr. David M. Silfen
Mr. Kenneth L. Smith
Mr. Kelso Sutton
Mr. Jackson Tai
Mr. Anthony Welters
Mr. Daniel Yohannes
Honorary Members
Mr. Robert McC. Adams
Mr. William S. Anderson
Mr. Richard P. Cooley
Mr. Joseph F. Cullman 3rd
Mr. Charles D. Dickey Jr.
Mr. Alfred C. Glassell Jr.
Mr. James M. Kemper Jr.
Mrs. Jean B. Mahoney
Hon. George C. McGhee
Justice Sandra D. O’Connor
Mr. S. Dillon Ripley
Mr. Francis C. Rooney Jr.
Mr. Wilbur L. Ross Jr.
Mr. Lloyd G. Schermer
Mrs. Gay F. Wray
Statement by the Secretary
I. Michael Heyman

Museums and the New Millennium
In the last five years, from 1994 to 1999, I have had the opportunity to report to you on the many ways that the Smithsonian serves the nation. Last year, for example, I took up the theme of the Smithsonian's extensive commitment to the increase of knowledge through scientific research and scholarship in the humanities. This, my final report to you as Secretary, is an attempt to share my view of the Smithsonian's significant role as a family of great museums. In some ways, what has happened to museums in our society in the decades since the end of World War II is nothing less than miraculous. And there is no better way to understand these changes than to look at our remarkable Smithsonian Institution.

When we organized our 150th anniversary celebration, which I described in my 1996 report, researchers went back to the hundred-year commemoration, in 1946, and discovered to our collective amazement that the entire staff of the Smithsonian was then about 400 people and the number of museums, incorporating various kinds of collections and stretching various definitions, was four. Fifty years later, the staff had grown to roughly 6,500 and the number of museums to 16 and research institutes to five. In 1946, our museums recorded more than 2 million visits. At last count, that figure was more than 28 million. By any standard, that's amazing growth.

This expansion reflects the vitality of the American museum community in general. There are more than 8,300 museums listed in the Official Museum Directory, which some actually consider an undercount. According to the summer 1999 issue of Daedalus, the journal of the American Academy of Arts and Sciences, when statistics were last reported in a 1989 study called Museums Count, "only 4 percent [of America's museums] were founded before 1900. Three-quarters have been founded since 1950 and 40 percent since 1970." In the last two years of this waning century, Daedalus reports, it is estimated that 150 museums will be built or significantly expanded.

The Smithsonian is a part of this forward momentum. At the end of September 1999, I had the pleasure of breaking ground with Native Americans from all regions for the National Museum of the American Indian to be built in the shadow of the Capitol on the last available site on the National Mall. My successor as Secretary, Larry Small, will have the pleasure of presiding over another great occasion one day, the opening of the enormous extension to the National Air and Space Museum at Dulles Airport outside Washington, D.C. Clearly, museums count more than ever before, in every meaning of the word.

But why?
Let me make a few guesses.
At one level, the explosive growth of museums may simply have a great deal to do with the growth in prosperity, in the desire for meaningful leisure activities, and in the expansion of our college-educated population, all of which have marked the postwar decades. At the Smithsonian, we have particularly benefited from the growth in national confidence in the era some have called the American Century. At least four of our Smithsonian museums—the National Museum of American History, the National Museum of American Art, the National Portrait Gallery, and, above all, the National Air and Space Museum—burst forth out of that need to represent our national pride. Other museums around the country have come to express civic, regional, community, and ethnic pride in the same spirit.

As a corollary, I suspect museums have come to be places of validation in a society that has seen the erosion of many social institutions traditionally representing trust and authority. While religion and family retain their strong foundations for many Americans, other Americans are experiencing uncertainty and drift. Museums have always been places where society asserts that certain things are impor-
tant. But increasingly, all of society, not just traditional elites, look to museums and similar organizations to recognize values, to represent permanence in a changing world, and in general just to sort out what matters.

This process has proven particularly vitalizing for many of America's ethnic communities. The Museum of African American History in Detroit has become a crucial institution in the life of its community. The United States Holocaust Memorial Museum has pioneered a way to sort out one of the darkest chapters in human existence, not only for the Jewish community but for the nation as a whole. And the Japanese American National Museum in Los Angeles has defined for its community and the world at large the nature of the Japanese American experience.

Many in the museum world are embracing a new notion of public service that is proactive. Increasingly the argument is being made that museums must demonstrate their usefulness to their communities. It is no longer enough to simply represent the good and the beautiful. In a speech earlier this year, my Smithsonian colleague, Stephen Weil, imagined at least some of the goals museums must aspire to:

Museums can provide forms of public service that are all but infinite in their variety. Museums can inspire individual achievement in the arts and in science, they can serve to strengthen family and other personal ties, they can help communities to achieve and maintain social stability, they can act as advocates or play the role of mediator, they can inspire respect for the natural environment, they can generate self-respect and mutual respect, they can provide safe environments for self-exploration and ever so much more.

Seeing museums as not only passive environments for inspiration but actual problem solvers for American society is a new and exciting approach. Sometimes the goals are quite targeted. I noticed recently, for example, that the Drug Enforcement Administration has just created what amounts to a museum on addiction to show the terrible costs of a national blight and the strategies used to combat it.

But goals for museums can be very broad in scope as well. My own hope for the Smithsonian, and particularly for its National Museum of American History, is that it can play some part in healing some of the fractures in our social framework, in creating an inclusive sense of national identity in the new century. That may, in fact, be our most important task.

I had the opportunity to make this point in the presence of President and Mrs. Clinton at a ceremony launching our effort to conserve the Star-Spangled Banner:

We at the Smithsonian recognize our roles as custodians of our most loved national treasures. But we see as an extension of that responsibility our obligation to provide a national place where the many communities of America can learn about each other and honor each other's past and present. We are bound together as a people not in uniformity but in shared hope and, if we get it right, mutual respect.

There is one sphere of public service for which the value of museums is just beginning to be understood—that of public education. We understand, of course, that museums have long had an important role in what is called informal education. They are, after all, places to discover and to learn about the world. But the emerging museum of the future, which takes its educational responsibilities seriously, will find itself more and more a full participant in classroom education. As I described in my 1997 report, this responsibility goes beyond the important task of providing materials that are useful to teachers. The Smithsonian, as I mentioned, in the fall of 1996 forged a partnership with the District of Columbia Public Schools to establish two Museum Magnet Schools, one elementary and one middle school. Students in these schools collect, study, and interpret objects to learn science, art, and geography, among other subjects. Like the curators they resemble, the young people conduct research and then choose ways to communicate their discoveries to others.

Often it is the private sector that has shown us how to reinvent our educational involvement. I am particularly intrigued by the recent partnership between our National Museum of Natural History and Voyager Expanded Learning, Inc., to create after-school and summer programs that enrich and enliven the educational experience. A particular favorite of mine is the four-week Smithsonian T-Rex program that involves such hands-on experience as the casting of dinosaur teeth to separate fact from fantasy under the guidance of scientists.

Equally exciting is our own Smithsonian Early Enrichment Center for preschoolers. Immersed in object-based education, these three- and four-year-olds are exceeding expected achievement in all areas. Two thirds of the center's preschoolers score in the 90th percentile in nationally normed science tests upon completion of the program. That's exciting by any standards and gives museums the hope of making a difference in ways we did not even suspect a decade ago.

That's the good news. But we need also to examine the challenges and uncertainties that museums face in the future. Challenges, of course, can lead to opportunities for reinvention, but we have to be aware of them and intelligent in our response.

Because museums have so many responsibilities and are the focus of so many expectations, the pressures on staff and directors to clarify what it is they do and how to manage and increase their resources are growing at an incredible rate. We used to think of the ideal director of a museum as a professional risen from the ranks of one of its key scholarly fields, but now directors must deal with issues of management, fund-raising, and political interaction unimaginable in quieter days. Take the questions of corporate sponsorship or the launching of business ventures. Each entails risks to an institution that values its integrity, but the risks can be handled, I think, and are outweighed by benefits. Taking on these new challenges represents a new way of thinking that incorporates ideas of true partnership with the private sector, involving strategies for using the marketplace without going down pathways that conflict or seem to conflict with our mission.

There's another challenge to be met, one that also creates its fair share of worry among my colleagues. It is the increasing
competition for the public's attention from the many dimensions of entertainment available on television or movie screens, in the great theme parks, and even in the retail universe represented by Niketown or the Hard Rock Cafés around the nation and the world. A recent article in the Harvard Business Review has created a sensation in both the museum and the retail worlds by heralding the arrival of what the two authors call "the experience economy." Cultural institutions must increasingly appeal to an audience making choices among a variety of experiences and must learn not only to recognize this role but also explicitly to define what is unique and valuable in the educational and aesthetic experiences they offer.

I am one who believes that cultural institutions have a responsibility to engage actively with the popular culture while not confusing our purposes with those of the commercial world. One of my initiatives that has surprised a number of traditionalists has been to open a discussion with Hollywood about possible partnerships in the creation of what I would call a quality brand in films, television, and possibly even theatrical performance. At the moment, I am optimistic that we can create programs with both educational and entertainment value.

We have curators working on Mel Gibson's next film, an American Revolutionary epic, _The Patriot_, now in production. We are also planning three films for television on the African American experience, with some of the best actors, producers, and directors in Hollywood. Museums can and must have influence far beyond their buildings.

Less surprising but equally important is my commitment and that of my colleagues in other museums to use the latest technologies to make available what we have to offer in new ways to audiences throughout the nation and the world. One of my first statements as Secretary was to announce my hope to create an electronic Smithsonian, and I have seen our Web site become one of the most visited cultural sites in the world. We are committed to digitizing millions of our objects in order to guarantee universal access to our collections, only 3 to 4 percent of which we can actually display.

But digitization is, of course, just the beginning. We can all foresee a future when not only flat images but the full three dimensions of objects can be easily communicated electronically so they can be explored in all their wonderful complexity. We have already experimented at the Smithsonian with a CD-ROM that effectively uses impressive 3D technology. We will also, I am convinced, one day have curators able to create cyber-exhibitions that use the unique properties of that medium to connect objects to contexts in space and time. Imagine, if you will, an object in our collection of Native American artifacts returned visually to the world that created it hundreds of years ago, or a natural object morphed back to its place of origin in the natural world.

The challenge here, of course, is not of imagination; we can meet that. The challenge that must be solved is resources. It is expensive to do what we must do electronically.

And it is not only the electronic world that will test our resources. Where will we find the funds to collect and conserve those millions of objects in our care? None of them are getting any newer. And what of the buildings to house them? The Smithsonian's National Museum of the American Indian requires, in addition to the museum we are building on the National Mall and the exhibition facility in New York, a large, separate resource center to house more than a million objects in ways that respect their preservation needs on the one hand and their many uses on the other. And to mention another problem, where do you put a jumbo jet or new spacecraft models? One of those could fill up an entire wing of the National Air and Space Museum on the Mall. So we build bigger and bigger facilities for them.

The issue of the economics of museum creation and preservation opens up a host of related issues as we contemplate our future as valued social institutions. How do we judge our usefulness, our reason to exist? When we are asked if we are well run, what do we say? What is our standard and process of accountability? These, as Steve Weil argues, are not a matter of insisting that museums look like the commercial world but only that they more clearly articulate their own goals and their basis for evaluating whether they are meeting them.

I found the summer 1999 issue of _Daedalus_ devoted to the subject of museums to be fascinating precisely because it revealed that museums are just now beginning to ask rough definitional and structural questions about themselves, much as has already happened in other contexts in the modern world. Think, for example, of the realignment of the information and global economy or of the continual reinvention of both our political parties.

One writer wondered whether to be called a museum a place had principally to house and display objects. Another wondered whether museums really do "shape anyone's values, validate anyone's identity, impose any lasting sense of order." And another asked museums to add to their curatorial expertise "collaboration with filmmakers, game creators, artists, poets, storytellers."

There was another challenge to traditional ways of thinking in _Daedalus_ that I found particularly telling. Many museums, historically, have been quite territorial in their view of their responsibilities, more competitive than cooperative in the building and sharing of their collections. One of the Smithsonian's initiatives in the last five years that I am most proud of is our Affiliations Program, which establishes partnerships with museums and planned museums throughout the country, making available to them Smithsonian collections and expertise. One example, and in fact the first of our arrangements, has been the cooperation of our National Museum of American History with a group in Bethlehem, Pennsylvania, to create in the former steel mills a place to exhibit America's industrial history. Objects too big to display in the American History Museum will now take their place in the telling of one of our nation's great stories.

These are the best and worst of times for museums. They are attracting enormous public attention; they are broadening the range of what they do; they are groaning under the weight of expectations and resource shortfalls; they are stung and complaing and aspiring and competing and sometimes ducking for cover. At the height of their popularity, they are wondering what they are.

I wouldn't have it any other way.
Report of the Board of Regents

This year, the Board of Regents welcomed two new members, Representatives Ralph Regula and Robert T. Matsui, who filled vacancies created by the departures of Representatives Bob Livingston and Esteban E. Torres. At year’s end, Louis V. Gerstner Jr. resigned from the Board of Regents. Regents Barber B. Conable Jr., Hanna H. Gray, and Wesley S. Williams Jr. were appointed for successive statutory terms.

At the Regents’ January 25, 1999, meeting, Secretary I. Michael Heyman announced his decision to retire at the end of the year. A Search Committee was formed under the cochairmanship of Howard H. Baker Jr. and Wesley Williams, with Hanna Gray, Barber Conable, Anne d’Harnoncourt, and Manuel L. Ibanez. Smithsonian National Board Chair Frank A. Weil served in a nonvoting capacity. During the winter and early spring, the committee advertised the position widely, sought nominations through extensive correspondence and personal contacts, and consulted with staff and trusted advisers. At the May 10, 1999, meeting of the board, the committee discussed with the Regents a proposed list of qualities to be sought in an 11th Secretary and presented the leading possibilities among a group of 250 names. At the September 13, 1999, Regents’ meeting, after some 13 interviews and exhaustive reference checks, the committee unanimously recommended Lawrence M. Small, president and chief operating officer of Fannie Mae, electing him to serve as Secretary effective January 23, 2000.

With assistance from the Secretary and their ad hoc Committee on Facilities, chaired by Wesley Williams, the Regents approved the Smithsonian’s acquisition of property near the Old Patent Office Building. The site selected, the Victor Building, will house the programs and offices currently encroaching on public space in the Patent Office Building. It will also allow the Institution to relocate most offices from leased space. The Victor Building appears to offer the Smithsonian space at a significant savings over the long term. The Secretary and his staff will be raising funds to make this acquisition affordable.

The Board of Regents authorized the establishment of Smithsonian Business Ventures. Pursuant to the recommendations of the Regents’ ad hoc Committee on Business chaired by Senator Baker, Smithsonian Business Ventures is a separate entity under the direction of its board and chief executive officer and the oversight of the Secretary and the Regents. Robert W. Fri, Thomas M. Kenney, Constance Berry Newman, M. Ronald Ruskin, Robert J. Thomas, and Anthony Welters were appointed by the Regents to the Business Ventures Board, and Chief Executive Officer Gary M. Beers serves as an ex officio member.

The Regents consulted with the Secretary throughout the year on progress toward a major national fund-raising campaign. It was particularly gratifying to see the Smithsonian National Board’s Campaign Committee contributing to this year’s substantial progress. During the course of the year, the Regents approved budget requests for fiscal years 2000 and 2001 and established the following endowment funds: the Edna F. Blum Endowment for general purposes of the Institution; the Krieg Drawings and Prints Endowment at the Cooper-Hewitt, National Design Museum; the Karl Hagan Fund for the National Air and Space Museum; and the National Zoo Endowment.

The Regents were pleased to confer on Professor Ikuo Hirayama membership in the Order of James Smithson in recognition of his outstanding contributions to the Freer Gallery of Art. The Regents also voted to present Samuel P. Langley Medals to Apollo 11 astronauts Neil Armstrong, Edwin “Buzz” Aldrin, and Michael Collins in commemoration of their pioneering mission to the Moon.

Much of the Regents’ work between meetings was accomplished by their standing committees, including the Executive Committee, the Nominating Committee, the Audit and Review Committee, the Investment Policy Committee, and the Personnel Committee. As the year drew to a close, the Regents considered the complexities of the Smithsonian’s financial management and decided to establish a new ad hoc
Committee on Financial Affairs to recommend to the board the appropriate roles and responsibilities of a standing committee on finance.

The Regents established a National Board for the Smithsonian Center for Latino Initiatives and an Advisory Council of the Center for Folklore and Cultural Heritage. They expanded the Board of Trustees of the Hirshhorn Museum and Sculpture Garden as authorized by the Omnibus Appropriations Act for fiscal year 1999. The Regents were mindful of the diligence of many Smithsonian advisory boards. In recognition of the importance of these contributions, the Regents made the following appointments and reappointments: Siddharth Bhansali, Elizabeth Moynihan, and Michael Sonnenreich to the Visiting Committee of the Arthur M. Sackler Gallery; Elizabeth Ernst Meyer and Frank Pearl to the Visiting Committee of the Freer Gallery of Art; Elliot Lawrence, Brian S. Leyden, and Frieda Rosenthal to the Commission of the National Museum of African Art; Jorge Batista, William Drenttel, Jeanne duPont Foster, Elaine La Roche, Jeffrey T. Leeds, Nancy Marks, Kenneth Miller, and Arthur Ross to the Board of Trustees of the Cooper-Hewitt, National Design Museum; Bernadette Berger, Ann Cousins, Ruth Sulzberger Holmberg, Jesús Moroles, David M. Silfen, and Carole Slavin to the Commission of the National Museum of American Art; Anne B. Badour, Eugene A. Cerman, Frank A. Daniels Jr., Stanley Hiller, Thomas G. Pownall, Allen E. Puckett, Richard T. Schlosberg III, and Patty Wagstaff to the National Air and Space Museum’s Dulles Center National Board; Paul K. Dayton, Henry L. Diamond, Charles McC. Mathias, and William R. Sweeney Jr. to the Smithsonian Environmental Research Center Advisory Board; Jane Beck, Pat Jasper, Barbara Kirshenblatt-Gimblett, Bernice Johnson Reagon, Gilbert Sprauve, Jack Tchen, and Ricardo Trimillos to the Advisory Council of the Center for Folklore and Cultural Heritage; Anita DeFranz, David M. Fields, and Donald Lubin to the National Museum of American History Board; Paula Apsell, Isabella Cunningham, Thomas Eisner, William Ellis, James McClure, Robin Martin, James Patton, Desiree Rogers, and Howard Williams to the National Museum of Natural History Board; Susan Hager, Michael Hayman, Norman Mineta, Beth Stevens, Richard Thornell, and Kathleen Wagner to the Smithsonian Environmental Research Center Advisory Board; Richard E. Gray, John B. Henry, and Margery F. Masinter to the Smithsonian Institution Libraries Board; Eloise Cobell, Vine Deloria, Peter Johnson, Loretta Kaufman, Henrietta Mann, and Ofelia Zepeda to the Board of Trustees of the National Museum of the American Indian; Wilson Hulme II, Myron Kaller, Barbara R. Mueller, Betsy Towle, and Irwin Weinberg to the Council of Philatelists of the National Postal Museum; Rudy Beserra, Gilberto Cardenas, Jesús Chavarría, Miriam Cruz, Roberto Cruz, Olga García, Sandra Guzman, Gema Hernández, Abel López, Mónica Lozano, Edward James Olmos, H. R. Bert Peña, Ricardo Romo, Esteban E. Torres, Carlos Tortolero, Joseph Wiscovitch, Raul Yazguitre, Fernando Zazueta, and Teresa Zubizarreta to the Smithsonian National Board for Latino Initiatives; and Laura Lee Blanton, L. H. “Hacker” Caldwell, Frank A. Daniels Jr., Fredric C. Hamilton, Norman Y. Mineta, Henry R. Muñoz III, Nancy Brown Negley, Mary Oursisman, James Patton, Thomas F. Pyle Jr., Eric de Rothschild, A. R. Sanchez, and Jackson Tai to the Smithsonian National Board.

**Staff Milestones**

The Smithsonian suffered a huge loss this year with the death of Donald D. Engen from a tragic accident in his sail plane over Nevada in July. In three short years, Engen became a much loved and admired director of the National Air and Space Museum, the capstone to his marvelous career in naval aviation, air safety, and the Federal Aviation Administration. His most memorable contribution, his passion for and advancement of the Dulles Center, will long be remembered. Thankfully, Deputy Director Donald S. Lopez again stepped in as acting director of the museum.

The Institution proudly welcomed Gary M. Beer to the new position of chief executive officer of Smithsonian Business Ventures. Beer brings vast experience to the challenges of ensuring that this new organization succeeds to the benefit of the entire Institution. Edward Knapp was recruited as the new comptroller, George Van Dyke was tapped to be chief of information technology operations, and Peter Cannell was appointed director of the Smithsonian Institution Press.

The Secretary’s Gold Medal for Exceptional Service was presented to Irwin Shapiro for his outstanding work at the Smithsonian Astrophysical Observatory and to Derrick Ross for his outstanding work at the Office of Physical Plant. Both received their medals from the Secretary on June 15, 1999, at the Smithsonian’s first Day of Excellence celebration.

The ongoing contributions of countless additional employees and volunteers deserve recognition as well. Public servants—from custodians to curators, astrophysicists to accountants, and engineers to public information officers—are the real backbone of the Smithsonian. As the Institution prepares for the new millennium, all Smithsonian supporters have reason to be grateful to this cadre who will chart its course and determine its destiny.
Extending the Smithsonian's Reach

Each year, the reports from the Smithsonian's museums and research institutes present an evolving portrait of an Institution dedicated to its traditional mission—the increase and diffusion of knowledge—and committed to engaging and serving a broad audience. Those complementary emphases are especially apparent this year. On the one hand, the Smithsonian's fundamental activities—research, education, and stewardship of the national collections—seem more impressive than ever in their scope and substance. On the other hand, the Institution is actively looking for ways to broaden access to its extraordinary resources and intensify its already significant presence in the worlds of the sciences, art, and the humanities. As the Smithsonian maintains a focus on excellence in activities of collection and research, we are simultaneously turning outward, seeking greater public engagement in all that we have to offer.

From the Smithsonian's base in Washington, to a barrier reef in the Caribbean, to the far reaches of the cosmos, the Institution's cutting-edge research continues to break new ground. So, too, does our commitment to make research resources and research findings widely available. Here in Washington, the Smithsonian has acquired the Victor Building, which will be home to staff offices for the National Museum of American Art, the National Portrait Gallery, and the Archives of American Art, as well as a planned Center for American Art. This major research facility will welcome scholars and the interested public who want to study research materials and curatorial records related to the history of American art. On Carrie Bow Cay in Belize, the National Museum of Natural History this year dedicated its rebuilt field station, which is considered one of the world's leading facilities for the study of coral reefs. Research from this remote one-acre island contributes to our understanding of the diverse and fragile barrier reef ecosystem, and ultimately to its preservation. The images of cosmic phenomena now being returned from the powerful Chandra X-ray Observatory are amazing even to scientists at the Smithsonian Astrophysical Observatory, home of Chandra's flight operations control center. Anyone with Internet access can examine a changing selection of these images on the project's Web site, accessible from the Smithsonian's home page.

There is no question that electronic access is revolutionizing the way the Smithsonian does business. By sharing resources through the Web or cable networks, we are extending our service in ways that were unimaginable only a few years ago. The online publication of digital editions of rare books, for instance, brings illustrated volumes from the Smithsonian Institution Libraries' collection to a worldwide audience while reducing the handling of fragile materials. The Libraries' Web site is a fast-growing "electronic library" that attracts everyone from curious youngsters to advanced scholars. Elsewhere in the Institution, electronic education initiatives are helping us reach more students and teachers than ever. As an example, this year students in more than 6,500 middle schools participated via cable broadcast in a program on the African American inventor Lewis Latimer, developed by the Jerome and Dorothy Lemelson Center for the Study of Invention and Innovation at the National Museum of American History.

The Smithsonian's capacity for research and public education is linked to stewardship of the national collections, which require effective management, careful preservation, and continued development. This year, for example, the Star-Spangled Banner Preservation Project in the National Museum of American History invited the public to observe and learn about the complex conservation of this national icon, while every Smithsonian museum added objects to their collections, opening exciting possibilities for research, exhibitions, and education.
Across the Institution, there are many more examples of an outward focus. The Smithsonian Affiliates Program has initiated innovative collaborations with museums in communities around the country, sharing both objects and expertise. Through a variety of activities, we are dedicated to making the art, history, and culture of Latino, Asian Pacific American, and African American communities an integral part of the Institution. And the Smithsonian Institution Traveling Exhibition Service continues its 47-year tradition of taking the Smithsonian on the road to every state.

If the reports on the following pages leave a collective impression, it is that the boundaries that once defined the Institution are disappearing. Americans who once knew us best as buildings on the National Mall can now add another dimension to their direct experience with museum objects and exhibitions. They can see Smithsonian artifacts in their hometown museums, browse our Web site for virtual exhibitions and nuggets of information, or take electronic field trips without leaving their classrooms. Research by Smithsonian scientists contributes to major advances in nearly every discipline, including medicine, marine biology, and the conservation of endangered species. With fewer limitations of place and time, we have extraordinary potential to extend the boundaries of knowledge, while at the same time reaching out to engage more and more people in what the Smithsonian offers.

An Anniversary Acquisition for the Hirshhorn


Are Years What? (for Marianne Moore), considered one of the artist's greatest works, strengthens the Hirshhorn's impressive collection of monumental sculptures and was a fitting addition to the collection as the museum celebrated its 25th anniversary in 1999. Consistently included in retrospectives of di Suvero's work, it was most recently seen in a citywide installation in Paris in 1997.

The sculpture was acquired in part through the Joseph H. Hirshhorn Purchase Fund and in part as a gift of the Institute of Scrap Recycling Industries, by exchange.

Visibility for American Art

The National Museum of American Art may be closed officially for a three-year renovation beginning in January 2000, but a program of major national touring exhibitions will keep the museum, and American art, very much in the public eye. This year, the museum concluded an arrangement with The Principal Financial Group for a marketing spon-

sorship worth $3.75 million. The campaign is timed to coincide with “Treasures to Go,” eight thematic exhibitions of masterworks from the museum's collections that will tour the country during the renovation of the Old Patent Office Building. Public relations and marketing initiatives will include advertising, media appearances, cable television programs, special events, and travel to the cities hosting the exhibitions.

The paintings and sculptures in “Treasures to Go” cover eight themes from the eighteenth century through the present: Young America, Lure of the West, American Impressionism, The Gilded Age, Scenes of American Life, Modernism and Abstraction, Contemporary Folk Art, and Arte Latino. The exhibitions are traveling to more than 70 museums.

The Principal Financial Group began supporting the arts in the 1930s to promote cultural awareness, reach diverse audiences, and foster creative thinking among employees through participation in the arts.

Preservation on Display

In a custom-designed laboratory at the National Museum of American History, a team of conservators is engaged in the painstaking process of saving the Star-Spangled Banner. But this is no ordinary object and no ordinary museum preservation project. While conservators work from a mobile platform six inches above the flag, visitors watch intently through a floor-to-ceiling glass wall. An interactive exhibition, “Preserving the Star-Spangled Banner: The Flag that Inspired the National Anthem,” explains the flag's history and describes the treatment process. As the museum stabilizes the condition of this national icon—damaged by time and exposure to the elements—visitors are learning about a fascinating process that usually goes on behind the scenes.

Designing a conservation facility suitable for the 1,020-square-foot banner presented unusual challenges. The flag rests on a large table, with the work platform spanning its width. Low-level ambient lighting and a specially designed heating, ventilation, and air-conditioning system protect the flag from harmful ultraviolet light, contaminants, and temperature and humidity fluctuations.

During the treatment phase of the project, conservators will carefully vacuum the flag and then clean it using chemical solvents and detergents. Stitch by stitch, they will remove a linen lining added in 1914. A new support will stabilize the flag when it is returned to exhibition in 2002.

The Star-Spangled Banner Preservation Project is made possible with major support of $10 million from Polo Ralph Lauren. Generous support and significant leadership are also provided by The Pew Charitable Trusts, the U.S. Congress, the White House Millennium Council, the John S. and James L. Knight Foundation, and Save America’s Treasures at the National Trust for Historic Preservation.

At the end of the fiscal year, the museum was preparing to launch a special feature on its Web site devoted to the Star-Spangled Banner and the preservation project (http://americanhistory.si.edu/ssb/). A book by museum his-
torian Lonn Taylor, based on research carried out as part of the project, will be published by the museum and Harry N. Abrams, Inc., in the spring of 2000.

Galapagos Behind the Scenes

A Smithsonian marine biologist’s scientific explorations, undersea and on land, are revealed in realistic detail in Galapagos, a spectacular 3D IMAX® film produced for the National Museum of Natural History’s new Johnson Theater. The 40-minute film follows Carole Baldwin on her first research trip to the Galapagos Islands, the isolated, geologically young archipelago 600 miles west of South America on the equator, studied by Charles Darwin in the 1830s. Baldwin is the human lead in the film, but she shares the screen with a cast of blue-footed boobies, sea lions, moray eels, hammerhead sharks, and other wild residents of this Ecuadorian national park.

Galapagos wildlife are unusually tame, and Baldwin frequently found herself inches away from creatures that live nowhere else on Earth, among them giant tortoises and marine iguanas. The highlight of the expedition was diving at depths of up to 3,000 feet in the Johnson Sea-Link submersible. Many of the species collected on the expedition came from the little-explored realm between 400 and 1,000 feet. Batfish that stride across the ocean bottom on leglike fins, viper fish equipped with formidably long fangs, and other odd creatures were brought back for the museum’s preserved fish collection, the largest in the world.

While Galapagos tours IMAX® theaters around the world, Baldwin will be working at the museum to describe several new species collected in the islands, including a new kind of cat shark and a new sea bass. She will also be identifying scores of larval fish—one of her research interests—brought back from the expedition.

The museum’s partners in the Galapagos project were Imax Corp., the National Science Foundation, and Mandalay Media Arts. America Online is sponsoring the film’s international tour. Discovery Communications, Inc., is the principal sponsor of the 80,000-square-foot, $40.6 million Discovery Center, which houses the Johnson Theater, a café, and a museum shop.

“Posted Aboard RMS Titanic”

The sinking of the Titanic cost the lives of five valiant postal workers who struggled in vain to save the mailbags in the ship’s final hours. American sea post clerks John Starr March, Oscar Scott Woody, and William Logan Gwinn, along with their two British colleagues, postal workers James Bertram Williamson and John Richard Jago Smith, were last seen by Albert Thessinger, a steward aboard the Titanic who survived the sinking. Thessinger was briefly pressed into service to help the five clerks move mailbags, but he gave up on this seemingly suicidal task when the water in the mailroom rose to waist height. Thessinger later recalled, “I urged them to leave their work. They shook their heads and continued at their work.” Despite the clerks’ valiant effort, none of the mail was saved. Video film footage shown in the exhibition reveals that the mailbags remain within the sunken liner.

“Posted Aboard RMS Titanic,” which opened on September 17, 1999, and continues until June 12, 2000, was made possible by generous gifts from Dr. Jeanette Cantrell Rudy, the James E. Pehta Foundation, the Atlantic Envelope Company, the American Postal Workers Union, the AFL-CIO, and the National Grange of the Order of Patrons of Husbandry.

An Earth-Bound Innovation from SAO

The development of low-field magnetic resonance imaging (MRI) by Smithsonian Astrophysical Observatory (SAO) scientists was cited by the American Institute of Physics as one of the outstanding developments in physics in 1998. A typical MRI device uses a huge, high-field magnet to polarize hydrogen nuclei inside water molecules in the human body. The spinning molecules produce radio signals that can image most organs in great detail—to detect tumors, for example. SAO researchers use lasers to increase the nuclear spin-polarization of inert gases like helium, enabling MRI of the inhaled gas in the lung, the sinuses, and other body cavities where MRI has been ineffective. This new biomedical imaging technique, a spin-off of research in atomic physics, is only about five years old. Already, doctors are using laser-polarized gas MRI to diagnose and plan treatment for people with lung diseases, such as emphysema and asthma.

The SAO innovation, developed in cooperation with the Massachusetts General Hospital, uses small, low-field magnets for MRI of laser-polarized gas. It promises much simpler, less intimidating, and lower-cost MRI units in hospital settings, as well as portable instruments that can be used in remote, cramped environments, such as space vehicles. Recently, SAO scientists have begun to apply laser-polarized gas MRI in other fields, such as probing the porous structure of rocks that may hold oil, natural gas, and subterranean water. These innovations demonstrate the vital synergy between basic science and practical applications and the important role SAO plays in making these connections.
Reports of the Museums and Research Institutes

Office of the Provost

J. Dennis O’Connor, Provost

The Provost serves as the Smithsonian’s chief programs officer, providing leadership and integrated oversight for all of the Institution’s program activities carried out in the museums, research institutes, and education and scholarly service units. The Provost reviews and evaluates the management of programs in research, exhibitions, and education outreach in the sciences, arts, and humanities; provides operational facilitation to the program units; maintains close working relationships with directors and their boards and commissions; and assists the units in undertaking collaborative initiatives.

The Accessibility Program collaborates with all Smithsonian organizations to ensure that current and planned programs, exhibitions, and facilities are fully accessible to staff and visitors with disabilities. The Scientific Diving Program oversees all diving activities conducted under the auspices of the Institution, including establishing safety standards and providing training and certification.

The Institutional Studies Office produces analyses of internal Smithsonian data, and conducts studies of visitors, exhibitions, and activities for administrators, curators, and program staff. Important secondary products are long-term databases and an increasing body of scientific knowledge about Smithsonian visitors and their experiences.

The Provost is responsible for managing the new Affiliations Program, which enables qualified museums across the country to receive long-term loans of Smithsonian collections. He oversees the Institute for Conservation Biology which was established to improve coordination among the Institution’s existing conservation biology programs, enhance their effectiveness, and increase efforts to obtain private and government funding for related research. The Office is also responsible for coordinating and facilitating Latino and Asian Pacific American initiatives.

Anacostia Museum and Center for African American History and Culture

Steven Cameron Newsome, Director

It was the Year of Spirituality for the Anacostia Museum and Center for African American History and Culture. To explore the rich African American tradition of worship, praise, and keeping faith at the center of life and community, in-house historians and curators created exhibitions, workshops, lectures, and a series of music, dance, and theater performances.

Building on the momentum created by the exhibition “Speak to My Heart: Communities of Faith and Contemporary African American Life,” the museum produced and released its first compact disc recording, Praise the Lord! Gospel Music in Washington, D.C. Project coordinators selected eight vocal ensembles and 15 songs to display the creative and spiritual continuity that runs from traditional hymns through the rousing rhythm and blues now standard in contemporary gospel. Billboard magazine called the Smithsonian Folkways release “indispensable to aficionados and a perfect starting place for anyone just discovering the rich heritage of gospel music.”

With the exhibition “Locating the Spirit: Religion and Spirituality in African American Art,” the museum showed how art gives a clear voice to complex and personal expressions of faith. Curator Deborah Willis assembled some 115 paintings, photographs, sculptures, and textile pieces to spotlight the impact of more than 70 African American artists, including Henry Ossawa Tanner, William H. John-
son, Sister Gertrude Morgan, Romare Bearden, Chester Higgins Jr., and David C. Driskell.

"Locating the Spirit" inspired and served as the backdrop for the 10th annual James A. Porter Colloquium on African American Art and Spirituality. The museum collaborated with the Howard University Department of Art to bring 700 participants to a three-day symposium featuring lecture-demonstrations by some of the nation's major artists and art scholars. Among the presenters were 20 artists whose work was exhibited in "Locating the Spirit." Named for James A. Porter (1905–70), a former chair of the Howard art department who produced the nation's first in-depth scholarship in African American art history, the Porter Colloquium is now an annual feature of the museum's educational programming.

The museum also made a deeper and more intense examination of the art and cultural issues of Africa. In its first collaboration with the John F. Kennedy Center for the Performing Arts, the museum organized an exhibition distilling more than a century's worth of photographs taken by artists born and based in Africa. "Revue Noire: Africa by Africans" explored diverse aesthetics and techniques from a wide range of places and photographers, created a fresh view of the African family, and presented studio portraiture rarely seen in the United States.

In a first-time collaboration with the National Museum of African Art, the Anacostia Museum and Center helped present "Wrapped in Pride: Ghanaian Kente and African American Identity." For its part of the two-sited exhibition, the museum examined how Africa's most popular textile art has become a vital part of contemporary life in America, used in worship services, formal ceremonies, and home decor.

February's Black History Month observances got an unusual launch as a crowd of about 16,000 turned out for the debut of the Capital Children's Carnival. With a challenging Black History Month Quiz as the centerpiece—featuring the D.C. delegate to the House of Representatives Eleanor Holmes Norton as quiz master—the day's events included hands-on arts and crafts, storytelling, folk dancing from Africa, the Caribbean, and South America, and a carnival parade with participants wearing the masks and costumes they made that day.

Archives of American Art

Richard J. Wattenmaker, Director

The Archives of American Art (AAA) is the world's largest repository of primary source documentation about the history of visual arts and culture in America. For more than 45 years, the Archives has collected, preserved, and made available for study such diverse materials as letters and diaries of artists and craftspeople; manuscripts of critics and scholars; records of art museums, galleries, and schools; photographs; works of art on paper; and recorded oral and video interviews. More than 14 million documents comprise an indispensable resource for researchers, who, in addition to consulting original papers at the Washington, D.C. headquarters, may access selected holdings on microfilm worldwide through interlibrary loan or at Archives centers in Washington, New York, and San Marino, California, and affiliated research facilities in Boston and San Francisco. The Archives also provides Internet access to its resources and services through its Web site and on-line catalog.

The Archives of American Art collects, preserves, and makes available for study the records, original papers, photographs, diaries, and oral history interviews of artists, crafts persons, collectors, dealers, critics, museums, and other arts institutions. In FY 1999, AAA continued to meet its goal of increasing accessibility to the collections through a variety of means, including the processing of papers, the publication of finding aids, the display of original documents in exhibitions, Web site enhancement, and other forms of outreach.

Because of the ongoing renovation of the Patent Office Building, AAA relocated its Washington offices to The Aerospace Center, one block from the National Mall. Large, climate-controlled processing rooms facilitate the processing of archival documents. The consolidation of Interlibrary Loan with the rest of Reference Services has enhanced services to researchers worldwide.

Research

In FY 1999, AAA continued to employ technology to increase access for its Internet users. Among the enhancements was "A Preliminary Guide to Resources on Asian American Artists at the Archives of American Art." The guide, presented in conjunction with Asian Pacific American Heritage Month, provides documents and photographs on line. A published guide comparable to those already published by the Archives for the papers of African American and Latino artists is in preparation.

The Archives is currently engaged in a pilot project employing encoded archival description (EAD) to encode 50 of its finding aids. EAD is a digital format that will make the finding aids accessible to researchers worldwide on the Web. A researcher can search encoded finding aids individually or in combination with the growing number of similarly encoded finding aids contributed by other archival repositories throughout the world. Once encoded in EAD, the finding aids will be contributed to the Research Libraries Group (RLG) Archival Resources, providing even greater accessibility to the Archives' rich holdings.

Collections Acquisitions

In FY 1999, the Archives made significant additions to its holdings of over 14 million documents. Among these was the final installment of the papers of Marcel Breuer (1902–1981), comprising financial records and personal and professional correspondence with his colleagues from the Bauhaus, including Walter Gropius, Herbert Bayer, and Josef Albers. AAA also acquired the complete records of the Byron Gallery, 1960–1971, which specialized in Surrealist masters (Ernst, Matta, Magritte) and younger Pop,
Op, Conceptual, and Minimal artists. Other new acquisitions include the Thomas Craven (1919–1975) papers, the papers of New England artist Marion Huse (1896–1967), an addition to the John Stuard Curry (1897–1946) papers, the Stephen Etterler (1903–1984) papers, the Gifford Beal (1879–1956) papers, and the papers of Mildred Baker (1905–1999), which document her work on the Federal Art Project from 1935 to 1943. Also in FY 1999, AAA collected the Kate Steinitz (1889–1975) papers, additions to the Beatrice Wood (1893–1998) papers, and papers of Abbott Handerson Thayer (1849–1921), who corresponded with numerous contemporaries, including Samuel Clemens, Daniel Chester French, William James, N.C. Wyeth, and others. Also noteworthy were the latest additions to the Philip Pearlstein (b. 1924) papers from 1991 to 1996, as well as the latest installment of the Robert Rosenblum (b. 1927) papers.

Funds from the then Institution-wide program for Latino programming enabled the Archives to complete its Puerto Rican Art Documentation Project, including a comprehensive survey of art-related material in Puerto Rico and a survey of Puerto Rican art-related primary source material in New York City. Also funded by the Latino Pool Allocation was the Cuban-American Oral History Interview Project, which funded the transcribing and final editing phase of oral history interviews of ten prominent Cuban-American artists in Miami. The transcripts were made available on-line through the Archives’ Web site in October 1999. Funding also supported the Chicano Art Documentation Project, with oral histories being conducted with artists in San Francisco and Los Angeles. Also under way is the publication of a revised, expanded research guide to the papers of Latino and Latin American artists in the Archives.

Collections Management

AAA made significant progress in its goal to increase accessibility to collections with several processing projects. Among these were the papers of Cuban art historian Giulio V. Blanc (d. 1995), dating from 1923 to 1995, which are particularly valuable for the extensive artists files of both major and lesser known contemporary Cuban artists. The Archives also processed the records of the American Federation of Arts, dating from AFA’s founding in 1906 through 1993. The collection is particularly valuable for its documentation of twentieth-century American art history and the wealth of information about the numerous programs and exhibitions supported and implemented by the AFA to promote the study of contemporary American art. AAA is publishing a finding aid to this collection, as well as a finding aid to the Downtown Gallery papers, which the Archives has recently processed and microfilmed. The Downtown Gallery specialized in contemporary American art as well as pioneering in the field of American folk art, and its founder, Edith Halpert (1900–1970), was deeply involved in fostering the efforts of African American artists to gain recognition of their work.

Publications and Outreach

The Archives of American Art journal publishes scholarly articles showcasing AAA’s collections, as well as book reviews and reports on recent important acquisitions. In FY 1999, AAA presented the exhibit “In Sight: Portraits of Folk Artists by Chuck Rosenak.” The show, comprised of photographs and selected documents from the folk art collectors Chuck and Jan Rosenak, included objects from the Smithsonian American Art Museum’s Rosenak Collection that complemented the Archives’ documents. The Rosenaks had previously donated to the Archives their extensive research files, including letters, more than a thousand photographs of folk artists, printed material, and tape-recorded interviews. “In Sight” afforded an excellent opportunity for the Archives to reach a broad audience of folk art aficionados and to make contacts that may lead to acquisitions of additional papers. An on-line version of the show is found on the Archives Web site. The Archives also presented the exhibit “Eyre de Lanux: Designs of a Muse,” chronicling the life and works of little-known American artist Eyre de Lanux (1894–1906), whose papers span 80 years and highlight her friendships with Picasso, Brancusi, and Louis Angon.

The Archives manages an active program of outgoing loans to museums and other scholarly institutions, and continues its tradition of providing educational opportunities to an ethnically diverse population through internships and fellowships.

Non-appropriated Resources

Trust funds provide partial support for Archives operations as well as financing a variety of projects and programs. In FY 1999, grants from The Henry Luce Foundation, Inc., and the Getty Grant Program enabled AAA to fund the processing of several major collections. Throughout the year, donors made numerous gifts toward the matching of a $500,000 challenge grant from The Brown Foundation, Inc., to endow Archives publications. Among these was a $100,000 gift from The Beinecke Foundation, Inc., and a gift totaling $50,000 from Agnes Gund, former President of the Board of the Museum of Modern Art, New York, which will also be used to support Archives’ operations. In addition, the Archives received a gift of $2,000 from the Gerta Charitable Trust for the processing, microfilming, and publication of a finding aid to the Marcel Breuer papers.

Frerer Gallery of Art and Arthur M. Sackler Gallery

Milo C. Beach, Director

With the organization and presentation of the splendid exhibition “Devi: The Great Goddess” at the Arthur M. Sackler Gallery, the galleries concluded two years of anniversary celebrations—the Sackler Gallery’s 10th in 1997 and the 75th
anniversary of the Freer Gallery of Art, which began in 1998 and concluded this year.

In 1996 the galleries could not have predicted the benefits that would emerge from these observances. The anniversaries and accompanying publicity brought unprecedented and continuing public attention to the galleries. Increased notices attracted new circles of visitors, scholars, friends, and supporters. Now acknowledged together as the national museum of Asian art, the Freer and Sackler galleries with their separate yet complementary collections are increasingly known and appreciated as an exceptional international resource for scholarship, publication, and exhibition.

Recognition also took the form of magnificent gifts of art. The Dr. Paul Singer Collection of Chinese Art of the Arthur M. Sackler Gallery, Smithsonian Institution, was a joint gift of the Arthur M. Sackler Foundation, Paul Singer, the AMS Foundation for Arts, Sciences, and Humanities, and the Children of Arthur M. Sackler. The collection includes some 5,000 works—in jade, bronze, ceramic, ivory, wood and other materials—dating from the fourth millennium B.C. to the twentieth century.

Of particular interest is a group of objects that Dr. Singer assembled from the state of Chu in southern China. Archaeological discoveries have given the formerly obscure Chu culture new status as one of the most exciting research topics in the field of ancient Chinese art history. Thomas Lawton, director emeritus, is spearheading the effort to publish and exhibit this extraordinary collection.

Three important awards brought recognition to friends of the galleries this year. Ikuo Hirayama, president of the Japan Art Institute, Tokyo, was inducted into the Order of James Smithson for his contributions totaling $11 million to the Freer and Sackler galleries. The Order of James Smithson is the highest honor the Smithsonian Institution can bestow. Professor Hirayama’s induction ceremony was capped by announcement of his gift of $2.5 million to fund a major program for the care of Japanese painting in the galleries’ department of conservation and scientific research.

The second award, the Charles Lang Freer Medal, was presented to Sherman Lee for his lifelong commitment to connoisseurship. Dr. Lee has enriched the studies in a wide range of artistic traditions in Asian countries: Buddhist art, Chinese painting, and the arts of Japan, India, Southeast Asia, and the Himalayan kingdoms, among others. The impact of his extensive publications has been augmented and broadened by frequent, often ground-breaking exhibitions and by a dazzling series of acquisitions he has made for various museums. Intended to honor a scholar of truly extraordinary distinction, the Freer Medal celebrates Dr. Lee’s career and extraordinary achievements.

The third award, the biennial Shimada Prize for distinguished scholarship in the history of Asian art, was presented to the Japanese art historian Toshie Kihara, who is also an official of Japan’s Agency for Cultural Affairs. Kihara was selected from a group of 21 nominees for her two-volume treatise on the Japanese painter Kanō Tan’yū (1602–1674), whom art historians regard as the most significant painter of the early Edo period (1615–1716). Kihara’s publication in Japanese—Yubi no tankyu: Kanō Tan’yūron (The Search for Profound Delicacy: the Art Of Kanō Tan’yū), (Osaka, Japan, Osaka Daigaku Shuppanki, 1998)—is the first critical scholarly work to interpret Tan’yū’s major contributions to the history of art in Japan. The award carries a $10,000 prize and is presented jointly by the Freer and Sackler galleries and the Metropolitan Center for Far Eastern Art in Kyoto, Japan, for the best research publication in the field.

Development Activities

Support for the galleries acquisitions and programs has grown tremendously through our 300-member group, Friends of the Freer and Sackler Galleries. In fiscal year 1999 there was a 17 percent growth in membership, and approximately $329,000 was raised from Friends memberships, an increase of 20 percent over fiscal year 1998. The galleries are grateful to the Friends for their immense generosity to the Friends Purchase Fund, which in 1999 enabled the museum to purchase two works of art at the April 17, 1999, annual dinner: Bhairava, a fifteenth–sixteenth century Nepalese gilt copper repoussé sculpture and The Five Sacred Festivals, a set of hanging scrolls by Ikeda Koson, painted in ink and color on silk, ca. 1830. Additionally, special contributions to the fund from members and participants on the Friends spring trip to Iran added a third object to the permanent collections: a blue-and-white ceramic plate, which is from the Timurid dynasty (ca. second half of the fifteenth century) and associated with the city of Nishapur in northeastern Iran.

Exhibitions

Anniversary festivities came to a festive climax with the six-month run of the exhibition and associated activities for “Devi: The Great Goddess,” March 28–September 6, 1999. Devi, as she is commonly known in South Asia, is among the three most important deities of Hinduism, and yet this year’s exhibition was the first major museum exploration of her role and her many manifestations. Complementing the galleries’ strong holdings in Indian paintings, the works borrowed for this exhibition from collections in Europe and the United States included a wealth of sculpture. Images of the goddess came from many regions of South Asia and richly represented the diversity of her forms and identities.

Several other Sackler exhibitions this year offered richly varied stylistic and thematic interpretations of the land, peoples, and monuments of South Asia. Visitors had opportunities to compare the work by both indigenous artists and foreigners recording their impressions of the land. One exhibition, “The Jesuits and the Grand Mughal: Renaissance Art at the Imperial Court of India 1580–1630,” September 27, 1998–April 4, 1999, for example, examined the enduring effects of cultural exchange between Jesuit missionaries from Europe and the Mughal emperors of northern India. Another small exhibition, April 25–July 18, 1999, focused on the work of a single Indian artist, Nainsukh of Guler (ca. 1710–1778). Because many of Nainsukh’s paintings were created...
for a single royal patron, the exhibition gave an absorbing look at life in one particular Rajput court.


Celebration of the 75th anniversary of the Freer Gallery culminated in a splendid dinner and preview of the exhibition "Beyond the Legacy: Anniversary Acquisitions for the Freer Gallery of Art" for donors and patrons on October 2, 1998.

The Freer anniversary exhibition presented the results of a four-year campaign to acquire works of Asian art, and it included more than 100 works selected from among many fine gifts and supported purchases. "Asia in Museums: New Perspectives," an international symposium to mark the anniversary, was made possible by a generous grant from the Ellen Bayard Weeden Foundation.

Complementing the anniversary show at the Freer were important presentations from the collection. These exhibitions brought attention to the work of directors and curators, past and present, in carefully enlarging the size and scope of the gallery's holdings over the past three quarters of a century.

For the first time since it was purchased for the Freer in 1931, A Breath of Spring, the eight-and-a-half-meter-long Chinese handscroll dated 1360, was exhibited in its entirety. The scroll is among the most famous Chinese paintings in the Freer collection and the only known work by the Daoist recluse Zou Fulei. It has inspired poetry by distinguished writers from Yang Weizhen (1296–1370), considered one of the greatest poets of the Yuan dynasty, to the celebrated Canadian Michael Ondaatje, author of The English Patient. Yang wrote his poem directly on the scroll, which was joined by colophons, or commentaries, by other Chinese literati and a later owner.

"Whistler and the Hadens," including some of the artist's earliest etchings, was a small exhibition of American expatriate James McNeill Whistler's (1834–1903) prints and drawings. Whistler was regarded in his lifetime as the most accomplished etcher since Rembrandt and among the greatest printmakers in the history of Western art. The prints in this show were made during his initially friendly but ill-fated association with his brother-in-law, Francis Seymour Haden (1818–1910).

Public Programs

While the galleries' staff planned many of this year's programs to complement the exhibition "Devi: The Great Goddess," it also offered performances, films, and demonstrations from a variety of cultures. The galleries' feature film offerings, for example, included our first surveys of the cinema from Vietnam and Turkey, plus a series of 11 recent films of the Arab world. The third festival of Iranian films focused on the 30-year career of director Dariush Mehrjui, including his 1998 film, The Pearl Tree. The fifth annual "Made in Hong Kong" series included eight Washington premières and prompted a cover story and five-page spread on Hong Kong cinema in the "Weekend" section of the Washington Post. "Women in Indian Cinema," a program of 14 art films and documentaries featured the premiere of Prakash Jha's "Death Sentence." Finally, the Freer launched its first look at the globally popular genre of Japanese animation, including the Washington premiere of the blockbuster Princess Mononoke.

The Asian performing arts series focused on women in South Asia, with such prominent dancers as Mallika Sarabhai and Alarmlal Valli; classical vocalists Abida Parveen and Veena Sahasrabuddhe, and pop singer Najma.

The galleries' exploration of contemporary Asian music included Jason Hwang and the Far East Side Band from New York; the Japanese shakuhachi (bamboo flute) artist Teruhisa Fukuda; and the Indian fusion ensemble, Facing East. To close the year, the galleries presented Shinto music, dance, and ritual from the Kasuga Taisha, one of Japan's oldest and most prestigious shrines in Nara.

ImaginAsia, the galleries' hands-on art education program for children and families, continued to draw enthusiastic crowds year-round, with even larger numbers in the summer, as late afternoon to early evening sessions were a hit with families during "Art Night on the Mall."

Experimentation marked many of this season's offerings, which included a new format of music and conversation by performers. Highlights were an appearance by cellist Yo-Yo Ma and composer Bright Sheng, who demonstrated and discussed the incorporation of folk and traditional Asian music into such contemporary works as Bright Sheng's new composition for solo cello. Another concert discussion featuring oud player Simon Shaheen, lutenist Ronn McFarlane, and pipa player Wu Man, centered on the evolution of their three related instruments in different societies along the Silk Road and in Europe.

Experimentation and tradition was also apparent in the Bill and Mary Meyer Concert Series this season. In "New Music from China," composer Zhou Long led two groups, Music from China and the New Music Consort, in a performance featuring the reconstruction of a composition discovered in the Buddhist caves at Dunhuang, China, and a performance of his own work, "Tales from the Cave." Sharing the program was "The Points," a prizewinning work by the prominent female composer Chen Yi. Other concerts included performances by Musicians from Marlboro I, II, and III; the Shanghai Quartet; Angela Hewitt, piano; Paul Neubauer, viola; and the Guilford Ensemble.

Gallery shop sales increased by 4 percent during 1999 to the highest level ever achieved. This success has been accomplished by providing merchandise that ties directly into our collections and exhibitions, providing outstanding customer service, advertising to broaden our market in conjunction with public affairs, and by sponsoring various gallery and product-related events. The gallery shops sponsored 10 read-
ings by authors of new books related to the galleries' collections. Among the writers was Michael Ondaatje, who read from *Handwriting*, his new book of poetry. These efforts resulted in the shops' important contribution to the cost of museum programs and acquisitions of art.

Research

This year's scholarly investigations emphasized collaboration and preparation for the many exhibitions planned for the next few years. Kenneth Myers, assistant curator of American art in the Freer, and Martha Smith, the galleries' paper conservator, have continued the research connection between the Freer and the University of Glasgow, Scotland. The Freer and the university together house the world's largest collections of art, papers, correspondence, and memorabilia by or relating to James McNeill Whistler (1834–1903). Through a formalized "Scheme of Association," the institutions promote and support scholarly research about Whistler and his period. The project is centered in Glasgow and overseen by Nigel Thorpe, director of the Center for Whistler Studies at the university.

With a wealth of Chinese objects coming to the galleries as gifts and purchases during the recent anniversary observances and several important exhibitions in the planning stages, there is much activity among the galleries' scholars of Chinese art. Jenny So, curator of ancient Chinese art, is working on an important research volume about the jades in the collections of the Freer and Sackler. Joseph Chang, associate curator, is preparing a catalogue of the Freer collection of Chinese painting and calligraphy from the Song and Yuan dynasties. Both catalogues have received multiyear support from the E. Rhodes and Leona B. Carpenter Foundation. Dr. Chang is writing two additional exhibition catalogues, the first on later Chinese calligraphy from the gift of Robert H. Ellsworth, and a second on the painting and calligraphy of Bada Shanren. Stephen D. Allee is translating poetry and prose texts for Dr. Chang's publications and also working on a book to introduce children to Chinese painting. Jan Stuart, assistant curator, received a grant from the Smithsonian's Collections-Based Research Program for research for her forthcoming exhibition, "Worshiping the Ancestors: Chinese Commemorative Portraits in Late Imperial China." Preparation for the exhibition also took her to Korea and China under a grant from the Smithsonian's Research Opportunities Fund.

Louise A. Corr, curator for ceramics, is working on a catalogue of the Freer's collection of Japanese ceramics from Kyoto and Kyushu and collaborating with Jan Stuart on a publication about the Freer's Chinese celadons. She is continuing her annotated translation of the diary of Japanese potter Morita Kyuemon and working on a book about India entitled *Temple Potters Of Puri*.

Vidya Dehejia is producing a volume, *India through the Lens: Photography 1840–1911*, to accompany her exhibition of the same name that is scheduled to open in November 2000. At the same time, Dr. Dehejia is conducting research for a book and exhibition of south Indian bronzes of the Chola dynasty made between the ninth and thirteenth centuries. She is also preparing a publication about India for a series entitled "The Sources of Art History" being produced by Harvey Miller Publishers.

Massumeh Farhad, associate curator of Islamic art, has been pursuing ongoing research concerning later painting of the Safavid dynasty (1501–1732) and its patronage, on the *Shahnama* (The King's Book of Kings), and on the *Farnam* (Book of Omens). Ann Gunter, associate curator of Ancient Near Eastern art, continued her study of the Hauge gift of ancient Iranian ceramics, as well as her work on two books, *Defining Cultural Boundaries in the Eastern Mediterranean, ca. 1600–600 B.C.*, and *Charles Lang Freer and Egypt*.

Jane Norman, exhibitions conservator, is continuing her studies of the physical properties of Japanese and Chinese lacquer.

Members of the department of conservation and scientific research continue technical studies on Asian metalwork (Paul Jett); Chinese jades (Janet G. Douglas); papers used by Whistler and Indian (Martha Smith), gilded bronzes (Blythe McCarthy, principal investigator, with funding from the National Park Service); Japanese raku ceramics (McCarthy); and the structures of East Asian paintings (John Winter with Marco Leona and Jennifer Giaccia in a project funded by the Andrew W. Mellon Foundation). Dr. Winter is also working on a related book, *East Asian Paintings: Their Materials, Structures, Techniques, and Deterioration Mechanisms*.

Center for Folklife and Cultural Heritage (formerly, Center for Folklife Programs and Cultural Studies)

Richard Kurin, Director

At the January, 1999, meeting, the Smithsonian Institution Board of Regents endorsed our change of name to the Center for Folklife and Cultural Heritage, from the previous Center for Folklife Programs and Cultural Studies, thus leaving us better equipped to do our job. "Cultural heritage" resonates much better with all sorts of community-based groups, both in the United States and around the world, interested in the study, presentation, and conservation of their cultures. "Folklife" still allows people to locate us conceptually as a unit dedicated to living people and grassroots, vernacular traditions. We have become concerned with the training of community scholars, leading to several programs, and we recognize the need to help train students from the academy for public cultural work and have begun a graduate course in the subject with the George Washington University. More recently, we have been exploring issues of cultural heritage policy.

As an example of these outreach efforts, the Center and Children's Television Workshop (CTW) cosponsored a half-day symposium at the National Museum of American History that examined the 30-year history of diversity and multicultural programming on "Sesame Street," the longest-
running television series in the world. Several cast characters presented a sketch about diversity to children from the Smithsonian Early Enrichment Center and the adult audience from the Corporation for Public Broadcasting, Reading Is Fundamental, Congressional offices, and media representatives, among others. The Center's cosponsorship of the symposium was based on shared values around diversity and multiculturalism and the important implications of the CTW “Sesame Street” model for the development of cultural heritage policies in other media, cultural, and educational institutions.

In January, the Center hosted a forum for the Smithsonian Congress of Scholars on our varied involvement in cultural research as public scholarship. Staff members presented case studies on the questions and hypotheses that are the starting points for our research, our methodologies, and the intellectual, programmatic, and policy/applied implications of our work. The case studies provided an introduction to discussion with colleagues in research positions throughout the Smithsonian on issues such as the nature of humanities versus physical sciences research, and the value of research collaborations with community-based cultural workers and educators.

These collaborations can be seen in many recent Smithsonian Folklife projects. *Praise the Lord: Gospel Music in Washington, D.C.* is the product of a collaboration with the Smithsonian Institution's Anacostia Museum and Center for African American History and Culture, and provides the audio background to the exhibition, “Speak To My Heart: Communities of Faith and Contemporary African American Life.” The two CD set, *The Mississippi: River of Song* involved collaboration with Smithsonian Productions and other individuals and organizations, and became a companion to the public radio and television documentary series, book, home video, and Web site with educator’s guide. And *Tanguerito Nights: Conjunto Music from South Texas* was recorded from live performances at the 1998 Conjunto Festival in San Benito, Texas, and was produced in collaboration with the Narciso Martínez Cultural Arts Center and in conjunction with the Smithsonian Folklife Festival.

Jointly developed by the Center and the Smithsonian Institution Traveling Exhibition Service, the exhibition “Creativity and Resistance: Maroon Cultures in the Americas” opened in March at the National Civil Rights Museum in Memphis, Tennessee. The exhibition highlights the cultural traditions and historical documentation of the Maroon experience as expressed through the voices of contemporary Maroon peoples of Jamaica, French Guyana, Suriname, and the Seminole community along the U.S.-Mexico border. On June 20, the day following the traditional Juneteenth celebration of the abolition of slavery in Texas, members of the Texas Seminole Maroon community traveled to San Antonio for the opening of the exhibition at the Institute for Texas Culture. The show continues to travel to sites throughout the United States.

Collaborations continued with the Center’s cohosting with UNESCO a working conference entitled, “A Global Assessment of the 1989 Recommendation on the Safeguarding of Traditional Culture and Folklore: Local Empowerment and International Cooperation.” This conference was the culmination of a decade-long UNESCO initiative aimed at deepening awareness of and commitment to cultural expressions—sometimes referred to as intangible cultural heritage—that incorporate folklore, popular culture, and grassroots expressions. Over 35 conference attendees, 30 observers, and some 20 Smithsonian and UNESCO staff members focused on the 1989 Recommendation in light of the profound sociopolitical and technological changes that have occurred in the ensuing decade and the way these have influenced, and been influenced by, traditional cultures.

Over the course of the conference, working groups concentrated on three areas: legal protection; national cultural policy; and the relationship between traditional cultures and a variety of current environmental and sociopolitical issues. These issues included cultural identity, gender, sustainable development, globalization, peaceful coexistence of ethnic groups, conflict prevention, youth cultures, and the impact of new information technologies. Smithsonian and UNESCO staff realized a shared goal of having community practitioners and leaders sit together with academics and representatives of governments and philanthropic institutions. This succeeded in strengthening the original intent of the 1989 Recommendation by reformulating it as an Action Plan and expanding its vision in significant ways, among them: focusing institutional protection not only on folklore items but on the practitioners themselves and on the processes through which they nurture and develop their heritage; assisting communities in locally based measures to protect and safeguard their own traditions with the support of national, regional, and international bodies; and developing the protection of traditional cultural practitioners and practices within a framework of international standards of human rights.

The Smithsonian Folklife Festival once again was the venue where long-term collaborations with governments, regional organizations, local communities, and individual participants came together to present varied grassroots traditions. The New Hampshire program was organized around four theme areas: “Home, Town & Community,” “Ingenuaty & Enterprise,” “Seasonal Work & Recreation,” and “Farm, Forest, Mountain & Sea.” Added to this was a lively musical component and several special events, which contributed to the presentation of a microcosm of New Hampshire folklore. Some of the special events included a barn raising by the New Hampshire Timber Framers Association and Bensonwood, an Old Home Day celebration with one of the state’s oldest community bands and a fireman’s muster, and Franco-American Day that acknowledged the importance of French-Canadian traditions in shaping the state’s history and present-day character. The program was produced with the New Hampshire Commission on the Smithsonian Folklife Festival and its nonprofit affiliate Celebrate New Hampshire Culture in partnership with the New Hampshire State Council on the Arts, Department of Cultural Resources.

The Romanian program was the culmination of American scholars working with colleagues from the Romanian Cul-
tural Foundation, ASTRA Museum, the University of Bucharest, the Peasant Museum, Aid to Artisans, the Government of Romania, and other institutions to develop the idea of “gateways to Romania” as an organizing concept for the Festival program. The Festival offered metaphorical access to everyday life, ritual, and knowledge of and about Romania; and literal access as skilled carpenters and woodworkers from the Maramureș region erected traditional gateways on the National Mall. The carpenters also demonstrated their skills of traditional basilica building, pointing to the importance of the sacred and ritual arts in Romanian life, along with icon painters, carvers, and egg decorators. Music and dance groups from Moldavia, Transylvania, and Wallachia performed a range of rural celebratory traditions. And a variety of craftspeople including weavers and potters demonstrated the arts of everyday life in various regional styles. The program was inevitably an interesting mixture of grassroots, popular, and official genres.

The South Africa Festival program “Crafting the Economic Renaissance of the Rainbow Nation” presented over 100 craftspeople, music and dance performers from each of the nine provinces. Text panels described the cultural and linguistic diversity of each province and its natural resources, provided overview of how traditional artisans and provincial and national government representatives work to craft cultural policy, public aesthetics, and sustainable employment and cultural enterprises based on the diversity of grassroots cultural communities throughout the nation. Participants and officials discussed various topics with visitors—culture and protest, and contemporary issues of traditional culture and economic development—at the shebeen, a reproduction of the matchbox-like family houses that met the need for social centers under the racially restrictive social codes of the former apartheid system. The program was produced with the collaboration and support of the South African Department of Arts, Culture, Science and Technology and the National Arts Council.

The Fifth Annual Ralph Rinzler Memorial Concert featured two bands from recent immigrant groups, the Yuri Yunakov Band and Ensemble Tereza. The Yuri Yunakov Band played music from Bulgaria and the Republic of Macedonia that is known for its haunting melodies, dense ornamentation, and complex rhythms. The contemporary style is known as wedding music, because it most often accompanies dancing at life-cycle celebrations such as weddings and baptisms. The program featured instrumental music from various regions of Bulgaria and a Rom (Gypsy) repertoire. This repertoire is currently popular in the Bronx community of Roma from Macedonia, which dates from the 1960s. Ensemble Tereza performed Mountain Jewish music by recent immigrants from the eastern Caucasus, in particular Caucasian and Dagestan to New York. Lead singer Tereza Eizarova sang in a variety of languages including Djuhuri, Azeri, Turkish, Persian, traditional Hebrew, and nowadays Arabic and modern Hebrew. Dance styles include the energetic Caucasian men’s dances, as well as the stately circle dances and Turkish/Persian-style solo dancing most often performed by women.

And in another collaboration, a conjunto concert and dance party was produced with the National Museum of American History’s “Encuentros” program. This program marked the release of the Smithsonian Folkways recording Taquichito Nights: Conjunto Music from South Texas, produced in partnership with the Narciso Martínez Cultural Arts Center of San Benito, Texas.

This year’s Festival also hosted two teacher seminars, the annual five-day course “Bringing Folklife into the Classroom,” cosponsored with the Smithsonian Office of Education, and a special three-day intensive seminar organized for 30 New Hampshire teacher-fellows chosen to develop a folklife curriculum for their state through the New Hampshire program cosponsor, Celebrate New Hampshire Culture, under a grant from the National School to Work initiative. Both seminars used the Festival as a context in which teachers could develop techniques and skills in the use of multicultural resources that could enhance their classroom teaching. Teachers in the seminars shared stores about their own family and community traditions, met with curators for a behind-the-scenes look at how Festival programs are put together, and engaged with traditional artists from New Hampshire, Romania, and South Africa.

Through these collaborations and others, we continue to work with colleagues around the nation and the world in helping cultural communities flourish in ways that enhance their own well-being and also contribute to the larger human family.

Hirshhorn Museum and Sculpture Garden

James T. Demetrion, Director

The Hirshhorn Museum and Sculpture Garden, the Smithsonian Institution’s museum for modern and contemporary art, is committed to increasing the awareness and understanding of art through acquisitions, exhibitions and publications, research activities, public programs, and the presentation of the collection in its galleries and outdoor exhibition spaces. The museum provides a public facility for the exhibition, study, and preservation of nineteenth- and twentieth-century art while presenting a spectrum of contemporary work.

The museum, which opened to the public in October 1974, spent much of the year generating celebratory exhibitions, programs, and activities in anticipation of the 25th-anniversary month of October 1999. On February 24 the third-floor collection galleries, which had been closed for renovations for more than six months, reopened with new carpets, a far more effective lighting system, and, in several areas, reconfigured walls and platforms. At the heart of the anniversary “makeover” was a complete rethinking, on the part of the curators, of how to tell the story of modern art using the Hirshhorn’s unusually broad and often surprising collection.

“The Hirshhorn Collection at 25: Celebrating Modern Art,” as the reinstallation was titled, was a team effort led by
Neal Benezra, the Hirshhorn’s Assistant Director for Art and Public Programs, with Judith Zilczer, Curator of Paintings, and Valerie Fletcher, Curator of Sculpture. Energized by the new, mostly smaller spaces, up-to-date halogen lights, and many refamed or newly conserved objects, the curators went far in aiming for thought-provoking, revelatory combina-
tions. Mixing Americans and Europeans, the famous and not so famous, and diverse styles and media, “The Hirshhorn Collection at 25” presented a roughly chronological proces-
sion of some 155 objects. Some of the more striking juxtapositions included Edward Hopper’s lonely urban-dwellers with Elie Nadelman’s attenuated carved-wood figures, both projecting a kind of pared-down, stark human-
ity for Depression-era America, and sculptures by Henry Moore and Alexander Archipenko employing taut string, re-
vealing the influence of technology on modern sculpture despite, in the case of Moore, the influence of nature. Among
other artists represented were Anni Albers, Constantin Brancusi, Daniel Baranoff-Rossiné, Jean Dubuffet, Alexandra
Exter, Man Ray, Clifford Still, Peter Voulkos, and Charman von Wiegand. A similar redesign in the sculpture ambula-
tories also underscored stylistic affinities and crosscurrents.

“The Hirshhorn Collection at 25” was well received by the
press, prompting a Washington Post critic to write, “The
collection has never looked better . . . Old favorites . . . have
began to sing again, [and diverse artists] seem very much at-
tuned here.” The reviewer concluded that an installation
designed to “prod viewers to look anew at the museum’s
best-known works, as well as at others rarely seen” could
only create a successful experience and the Hirshhorn’s new
look was proof positive of its emergence over 25 years as “a
vital and respected national museum of modern and contem-
porary art.”

Commemorations of the museum’s anniversary continued in
April. First, the Hirshhorn’s genesis as a public museum
based on private philanthropy was underscored in a small
show that ran from April 7 to May 9. Titled “Faces of
Friendship: The Art-World Circle of Joseph and Olga Hir-
shorn in Documentary Photographs,” the show featured
51 photographs from an archival collection donated to the
museum by Olga Hirshorn, the founding donor’s widow.
The exhibition presented a multitude of camera-made im-
ages, many personally inscribed to the collector, of such
well-known personalities of public life and international
art of the 1950s to 1970s as Presidents John F. Kennedy
and Lyndon Baines Johnson, Chief Justice Abe Fortas,
Smithsonian Secretary S. Dillon Ripley, British art histo-
rian and TV host Sir Kenneth Clark, art dealers Sidney
Janis of New York and Daniel Kahnweiler of Paris, painters
Pablo Picasso and Georgia O’Keefe, sculptors Alberto
Giacometti and Alexander Calder, and numerous younger
artists. This revealing collection of mementoes started after
Olga Hirshhorn, seeking to surprise her husband with a
holiday gift of an inscribed photo from one artist-friend,
expanded the idea and urged virtually all of the benefactor’s intimates and associates to pay their respects with images of
themselves.

The month of April was also highlighted by “Hirshhorn
Open House: Celebrating 25 Years,” featuring a full after-
noon on April 25 of hands-on art-making activities for
families, several storytelling sessions, musical selections by
the Ambassador String Quartet, and a gallery talk on the
ghostly figurative works of Portuguese artist Julião Sar-
mento in the Directions Gallery. Director James T.
Demetrio capped off the day with a lecture reflecting on
the quarter-century evolution of the Hirshhorn collection.

Plans proceeded, meanwhile, for October 1999’s anniver-
sary exhibition, “Regarding Beauty: A View of the Late
Twentieth Century,” and the fund-raising gala, also that
month. The exhibition’s co-organizers Neal Benezra and
Olga M. Viso, Associate Curator, finalized the loans of 88
works to be assembled from more than 55 international
lenders, and worked painstakingly with the Exhibits Depart-
ment’s Edward Schiesser to reconfigure second-floor galleries to accommodate several room-sized installations, a “Media
Arts” theater, and other custom designs to be integrated into the show.

Financial support received from numerous entities re-
lected a general increase in fund-raising initiatives at the
Hirshhorn. A 1999 sampling includes the Luso-American
Development Foundation (in support of the Julião Sarmento
exhibition); Vivian and Elliot I. Pullock (in support of the
“Young at Art” programs); and the Canadian Embassy, Pro
Helvetia Arts Council of Switzerland, and the Institute for
Foreign Affairs of the Federal Republic of Germany (in sup-
port of the “Regarding Beauty” exhibition). The Andy
Warhol Foundation for the Visual Arts, Inc., Peter Norton
Family Foundation, and Lannan Foundation have repeatedly
supported Hirshhorn projects, as have numerous generous
individuals both on and off the Board of Trustees. Benefici-
tors for the 25th-anniversary fund-raising gala included
Merrill Lynch, Janine and J. Tomilson Hill, Robert
Lehrman, Mary and John Pappajohn, and Mitchell Rales.

The museum’s Board of Trustees experienced renewed en-
ergy and vigor following congressional approval, endorsed
by the Regents, to expand from ten to up to 25 members. The
Board was also saddened by the deaths of cherished longtime
members and former Chairmen Sydney Lewis on March
12 in Richmond, Virginia, and Jerome Greene on May 27 in
New York. Both individuals received broad recognition for
their national work as patrons and collectors. John Pappaj-
john of Des Moines, Iowa, joined the Board in May, and
Anthony T. Podesta of Washington, D.C., became a member of the Committee on Collections.

Acquisitions this year were highlighted by Are Years
What? (for Marianne Moore), 1967, by American artist Mark
di Suvero (b. 1933), adding new strength to the museum’s
collection of monumental steel sculpture. Rising diagonally
some 40 feet from a street-level section of the Sculpture Gar-
den, this red composition of industrial I-beams—with a
suspended, moving V element—epitomizes di Suvero’s gift
at communicating human fragility in intractable, industrial
materials. It was installed on the street-level plot of the
Sculpture Garden in mid-August. Among other important
acquisitions for the year were several that kept the museum collection current with recent examples of contemporary art: Luc Tuymans's *Passe-Partout*, 1998, an oil painting; Julião Sarmento's *Licking the Milk Off Her Finger*, 1998, a rare sculpture by this artist included as part of his "Directions" show; Charles Simonds's *Rock Flower*, 1986, a clay sculpture; Katharina Fritsch's *Display Stand with Madonnas*, 1987–89, a sculpture; and *Stereoscope*, 1999, a film with several related drawings by William Kentridge.

The Hirshhorn's large solo shows during the year featured two American painters of the same generation—one realist and one abstract—each of whom holds a significant position of influence in contemporary art. "Chuck Close," on tour from the Museum of Modern Art in New York, was launched on October 15 with a filled-to-capacity lecture by the artist, a depiction of monumental faces that he has gained a wide following among the general public and art world. Receiving wide recognition in the Washington press, the Close show also brought attention to a wheelchair-bound artist whose partial paralysis since 1988 has not stopped him from continuing to develop a distinctly engaging style of dematerializing rectangles that come to life as giant faces—and penetrating character studies—when viewed from afar. The Close show was followed by "Brice Marden, Work of the 1990s: Paintings, Drawings, and Prints," touring from the Dallas Museum of Art, which opened on May 27. Marden's sensuous and colorful linear abstractions, which show the influence of Jackson Pollock as well as aspects of East Asian art, encompasses calligraphic "Cold Mountain" and other evocative images that stand as testament to the dynamic persistence of abstraction today. Although representing nearly opposite ends of painting's spectrum, the exhibitions generated strong followings and solid attendance.

Reflecting a general trend at the Smithsonian, the breadth and focus of education programs expanded. Department head Linda Powell's staff introduced a "Young Artist" program for school groups, "Art Explorers" workshops for adults, the "Improv Art" on-site family workshop, a series of gallery tours by Washington area artists, and a "Poetry Slam" competition for local poets held outdoors on the Plaza. As with last year, the public participated in writers' workshops, workshops for teachers, meet-the-artist gallery talks for exhibitions, First Friday gallery talks by staff, and New Voices gallery talks by local graduate students in art history. Art Night on the Mall, a four-museum program of late Thursday hours during summer, again combined performances of Latin music outdoors with free films and gallery talks and tours.

"Directions" shows this year, showcasing new visions by two important emerging artists from abroad, featured a suite of just-completed narrative figures by Portuguese painter Julião Sarmento (b. 1948), opening February 3 with a preview attended by Portuguese Ambassador Fernando Guimarães, and *Ndi Me Tangere*, 1998, a two-sided, floor-to-ceiling video projection of a colossal figure by British artist Sam Taylor-Wood, the first solo show in an American museum for this young internationally known British artist.

### National Air and Space Museum

**Donald S. Lopez, Acting Director**

Fiscal Year 1999 brought many changes to the National Air and Space Museum. Most significantly, on July 13, 1999, Admiral Donald D. Engen, who had been director of the museum since July 1, 1996, was killed in a motorized glider accident. Donald S. Lopez, deputy director of the museum, was named acting director. Three months after Admiral Engen's death, his dream of an aviation and space center at Washington Dulles International Airport was given a tremendous boost when Steven F. Udvar-Hazy pledged $60 million toward the project. It was the single largest cash gift in the Smithsonian's 154-year history.

During the fiscal year, the museum celebrated several historic events. On October 29, 1998, when STS 95 was launched with former senator John Glenn on board, the Museum set up several HDTV monitors allowing hundreds of visitors to watch the event live via the newest broadcast technology. The museum also hosted a series of events to celebrate the 30th anniversary of the Apollo 11 Moon landing.

In fiscal year 1999, the total number of visitors to the museum since its July 1976 opening exceeded 200,000,000. Renovation of the building continued, with emphasis on minimizing disruption to museum visitors.

Significant acquisitions to the museum included the 20,000-pound Spacelab module. On October 3, 1998, it arrived for storage at Washington Dulles International Airport, where it will remain until it goes on display at the Dulles center. The gondola of Breitling Orbiter 3, which completed the first nonstop balloon flight around the world, went on display in the museum's Milestones of Flight gallery in September 1999.

The museum received a "Save America's Treasures" grant (a joint congressionally funded program of the White House Millennium Council and the National Historic Trust) to preserve "threatened objects of the Apollo era." A special environmentally controlled storage facility was constructed at the Paul E. Garber Preservation, Restoration and Storage Facility, and work was begun to stabilize all of the flown lunar spacesuits in the national collection and to research and publish authoritative guidelines for their safe storage and display. These guidelines will also form the basis for spacesuit storage and display at the new center at Dulles. The balance of the Save America's Treasures grant is being earmarked to support the restoration of the giant Saturn V rocket located at the NASA-Johnson Space Center in Houston, Texas.

During fiscal year 1999, the site design for the new center at Dulles was completed. The site work will be provided by the Commonwealth of Virginia as a contribution to the project.

### Collections and Research

The three scholarly divisions at the National Air and Space Museum, the Division of Aeronautics, the Division of Space
History, and the Center for Earth and Planetary Studies (CEPS), continued their work in scientific and historical research, collecting significant artifacts, and developing exhibitions related to all aspects of aviation and space flight.

The Smithsonian Institution History of Aviation series was replaced by the Smithsonian Institution History of Aviation and Spaceflight series. Allan A. Needell, chair of the Division of Space History, and Dominick A. Pisano, chair of the Division of Aeronautics, serve as series editors.

Senior Aeronautics Curator Tom Crouch’s book Aiming for the Stars: The Dreamers and Doers of the Space Age was published by Smithsonian Institution Press, and Rick Leyes’s The History of North American Small Gas Turbine Aircraft Engines was published by the American Institute of Aeronautics and Astronautics.

CEPS continued an active research program in planetary and terrestrial geology and geophysics using remote sensing data from Earth-orbiting satellites and manned and unmanned space missions. The scope of research activities in fiscal year 1999 included work on Mercury, Venus, the Moon, and Mars, and corresponding field studies in terrestrial analog regions. CEPS staff study a variety of geophysical processes, such as volcanism, floods, cratering, tectonics, and sand movement. Of particular interest are studies of past and present Mars climate, using data from active spacecraft such as the Mars Global Surveyor. CEPS staff are also involved in mission design and landing site selection for future Mars exploration. Many of the terrestrial studies also address topics of current concern for global climate change.

In addition to the Spacelab and Breitling Orbiter 3, major items added to the collection in fiscal year 1999 included a full-scale engineering prototype of Mars Pathfinder, the flown Faint Object Spectrograph from the Hubble Space Telescope, and a digital camera carried by former senator John Glenn on his recent space shuttle mission. Fiscal year 1999 saw the beginning of a major shift toward preparing the collections for the move to the planned center at Dulles. The Collections Division entered into a partnership with Rolls Royce NA to assist in creating the Rolls-Royce Aviation Heritage Trophy competition. NASM authored an Aircraft Restoration Judging Guideline and assisted in the actual judging of the aircraft in the highly successful inaugural competition.

Several long-term projects to complete environmental control systems in storage buildings at the Garber Facility were completed. This allowed the Collections Processing Unit to complete inventories of the objects stored in these particular buildings and accomplish major strides in the project to barcode the objects. The Restoration Preservation Unit of the Collections Division began the shift from major restoration projects to preparing artifacts to be moved to the center at Dulles. Major restoration work on the Soviet SA-2 missile transporter, the Aichi Seiran, and Nieuport 28 was completed. The exterior of the aft fuselage of the Boeing B-29 Enola Gay was polished. In addition, work on one of the first projects being prepared for the move to the center at Dulles, the Soviet MiG-15, was begun.

The Business Aviation exhibition was removed from Gallery 104 in the NASM West End. The Beech King Air was lowered, and it and the Cessna Citation were then disassembled, mounted on stands, and prepared for transport.

The Henri Keyser-Andre conservation intern for 1999 accomplished a conservation project on the Mars Viking Lander and a badly corroded navigational sextant that had been discovered during an earlier collections inventory.

As of January 1, 1999, the museum’s new collections information system, The Museum System (TMS) was fully operational. After rigorous testing, existing collections data were migrated into the new system, and a new decentralized method of inputting object information was adopted. Curators and Collections staff now share the responsibility for entering data and for ensuring their accuracy and completeness. When the data were converted, TMS contained basic accession records for 32,635 objects. Due to limits of the former CIS system, few of these object records had significant contextual information and none had images. During fiscal year 1999 a coordinated program was initiated to close a backlog of uncatalogued objects and add historical information and other context to TMS object records in place. By the end of fiscal year 1999, TMS contained over 40,000 records and nearly 20,000 images. Approximately 13,000 object records had had basic historical information added as well, significantly exceeding the performance goals originally set for the transition program.

The Archives Division began reviewing its database systems with the intent of replacing its DOS-based software with a Windows compatible system. Near the end of the year, software, which will be tested in FY 2000, was selected. The museum also became a member of SIRIS (Smithsonian Institution Research and Information System). The new software and SIRIS will enhance the museum’s ability to manage collections and to make those collections available to the staff and the public.

Processing of the Aircraft Technical Files, consisting of over 400 cubic feet of reports, photographs, and publications about heavier-than-air flight from its beginning to the present, was completed.

Exhibits and Public Service

The pace of exhibit work for the center at Dulles remained brisk. Accomplishments in fiscal year 1999 included the completion of prototype display cases and exhibit stations, graphic design for signage, the design of the donor recognition wall and information desk, and a 3-D model of the major artifact placement layout.

In October 1998 a new planetarium show, “And a Star to Steer Her By,” opened in the Planetarium. It explores the tools humans have used, from stars to satellites, to meet the challenge of navigation. Complementing the planetarium show is “GPS: A New Constellation,” a new exhibit that explores the Global Positioning System.

Two temporary exhibits were added to the Space Race gallery in June. “The Soviet Challenge in Space: Illustrating the Threat” is a display of 12 paintings created for the De-
fense Intelligence Agency to illustrate Soviet weapons systems and advanced technology during the Cold War. The other exhibit is on the Pictograph Spectrograph. In time for the anniversary of the Apollo 11 Moon landing in July, a visitor-operated video camera was placed in the Museum’s lunar module so visitors could look around inside the craft.

Planning and development work continued on several other major projects. In fiscal year 1999 the label script and much of the exhibition design was completed for “Explore the Universe,” a major new permanent exhibition scheduled to open in September 2001, as well as the design for the revised Air Transportation hall, scheduled for completion in 2002. The planning document for “Dream to Fly,” a future exhibition on African Americans and aviation, was also completed. Planning and development of Up, Up, and Away, a new IMAX film on vertical flight, continued this year as well.

Maintenance of older exhibits and refurbishment of public spaces in the museum were given high priority. Maintenance work this year included a complete redo of the aging Douglas World Cruiser exhibit in the Pioneers of Flight gallery, and upgrades to several other galleries. Also completed this year was a major expansion and redesign of the Museum Shop.

In addition, planning is under way for a new Exploring the Planets gallery. And in fiscal year 1999, major upgrades to the Looking at Earth gallery, including replacement of large photomurals, oblique air photos, and transparencies in the “What’s New” section, were begun. Upgrades to the Exploring the Planets gallery replaced outdated material on observational tools, asteroids, Mercury, and Mars.

Through the Regional Planetary Image Facility (RPIF), CEPS continued its mandate to NASA-funded investigators, other interested researchers, and the general public by providing access to catalogued collections of imaging data from all American spacecraft missions. RPIF staff conducted tours through the facility for visiting groups ranging from two to 40 people. The data manager also continued development of a Hypercard guide to facility holdings, accessed by our users through a dedicated RPIF computer workstation.

The Public Services Division recruited and trained 35 new docents. In addition, in-service training for new and experienced docents was held monthly. The Education Unit conducted ten teacher workshops, which reached 227 teachers. Education also produced 51 programs for families and the general public, which reached more than 3,100 visitors and produced seven school programs for five different schools, in which 370 students participated. They also supported the Challenger Center’s production of 11 Family Science Night events, in which approximately 3,500 people participated. The annual Internship Program supported 13 students (June 1 to August 6, 1999).

Live demonstrations and other related activities comprising some 1,171 programs for 91,673 visitors to the How Things Fly gallery were implemented. The Explainers Program trained and worked with 32 student Explainers. In the How Things Fly Gallery attendance usually exceeded 10 percent of museum attendance. In the How Things Fly Visitor Center, volunteers assisted 27,646 visitors.

The Educational Services Center also distributed more than 60,000 copies of publications and responded to 3,090 mail inquiries from teachers, students, and the general public.

National Museum of African Art

Roslyn A. Walker, Director

The National Museum of African Art celebrates the rich visual traditions and extraordinarily diverse cultures of Africa and fosters an appreciation of African art and civilizations through its collections, exhibitions, research, and public programs.

Acquisitions

Among the most significant art works acquired by the museum in the past year were a rare set of polychromed wooden panels carved in high relief from the Nkanu peoples of the Democratic Republic of the Congo, and a 92-pound D’mba mask from the Baga peoples of Guinea, one of the largest masks in all of Africa. The mask was donated to the museum by internationally known contemporary artist Arman Arman and his wife Corie, a fashion consultant and business manager. An important donation of 14 traditional sculptures from central and eastern Africa, the gift of New York businessman Lawrence Gussman, fills gaps in the museum’s collection. These sculptures were showcased at the museum.

In addition, the museum’s Eliot Elisofon Photographic Archives acquired three important collections: The Kyriazis Photographic Collection of images of activities and places in Ethiopia taken from 1950 through 1970, The Robert and Nancy Noeter Ethiopian Collection of images of activities and places in Ethiopia taken in 1988, and The Leon de Sousberge Collection of images of the Pende peoples in the Democratic Republic of the Congo, taken from 1955 through 1957.

Exhibitions

The first level of the National Museum of African Art houses several permanent exhibitions drawing on the museum’s collection: “Images of Power and Identity,” “The Art of the Personal Object,” and “The Ancient West African City of Benin, A.D. 1300–1807.” In addition, in collaboration with the Museum of Fine Arts, Boston, the museum offers “The Ancient Nubian City of Kerma, 2500–1500 B.C.”, a loan exhibition of works from the permanent collection of the Museum of Fine Arts, featuring objects from Kerma, an ancient Nubian city that was located on the Nile River. The exhibition was organized by the Museum of Fine Arts, Boston, and its Department of Ancient Egyptian, Nubian and Near Eastern Art; all objects are from the Harvard University-Museum of Fine Arts, Boston, Expedition.

Also located on the first level is the Sylvia H. Williams Gallery, which was the location of “South Africa.
1936–1949: Photographs by Constance Stuart Larrabee,” and “Claiming Art/Reclaiming Space: Post-Apartheid Art from South Africa.”

The first level also houses the Point of View Gallery that presents small temporary exhibitions that focus on specific themes or objects. On view were “African Forms in the Furniture of Pierre Legrain,” “Sokari Douglas Camp: Church Ede, A Tribute to Her Father,” and “Hats Off: A Salute to African Headwear.” Also featured on the first level was “New Acquisitions: Gifts from the Lawrence Gussman Collection.”

The museum hosted, in its large second-level gallery, “Baule: African Art/Western Eyes.” In addition, the gallery was the site of one component of the exhibition “Wrapped in Pride: Ghanian Kente and African American Identity,” a unique collaboration between two Smithsonian museums, the National Museum of African Art and the Anacostia Museum and Center for African American History and Culture. The two-sided exhibition offered visitors not only a glimpse into the history and meaning of the colorful African textile, but provided both programming and interactive activities that engaged diverse audiences. School groups and teachers from hundreds of schools took advantage of related programming including exhibition tours, weaving demonstrations by master weavers from Ghana, and teacher workshops.

Four large cast concrete screens by Nigerian artist Adebisi Akanji, donated to the museum in 1994 by Mr. and Mrs. Waldemar A. Nielsen, were restored by the museum’s conservation department. The screens will be featured in an exhibition on several artists from the important Oshogbo art movement in southwestern Nigeria.

The museum’s educational offerings, which spring from the permanent collections and special exhibitions, provide audiences with provocative and insightful views of the world of African art. An array of tours, workshops, and focus programs gave students of all ages their first encounters with real works of African art.

Highlights included a family day on the arts and culture of Ghana with food, music, song, dance procession, games, demonstrations, and storytelling; and a conservation clinic open to the public in which conservation staff advised visitors on the proper care of their collections. A South African film series that accompanied the “Claiming Art/Reclaiming Space” exhibition attracted standing-room-only audiences.

The museum’s extended summer hours drew hundreds of visitors on Thursday nights as part of “Art Night on the Mall.” Youngsters made colorful hats and then showed them off as they paraded to the exhibition “Hats Off!: A Salute to African Headwear,” while art lovers had the opportunity to talk with South African artist Rudzani Nemasesetoni. In addition, the museum’s entrance pavilion was filled with the sounds of musicians from Cameroon and South Africa.

In addition, workshops and demonstrations by practicing artists engaged attentive audiences eager to meet and talk with African artists. For example, Nigerian artist Sokari Douglas Camp conducted a two-day workshop for teachers in which participants created sculptures from ordinary materials and Pamela Botchway of Ghana taught visitors how to tie their own African headwraps in a public demonstration.

The museum also continues to make itself accessible to people with special needs. Tours for hard-of-hearing visitors were made possible through a portable FM Assistive Listening System. This system also allowed hard-of-hearing visitors to participate in educational programs in the workshop and lecture hall. Sign language interpreters for deaf visitors were available upon request for all museum programs.

Publications

Throughout the year, the museum published informational materials to accompany exhibitions.

Photographic Archives and Library

The museum continues to be a leading research and reference center for the visual arts of Africa. The Warren M. Robbins Library, a branch of the Smithsonian Institution Libraries, contains more than 20,000 volumes on African art and material culture. The Eliot Elisofon Photographic Archives specializes in the collection and preservation of visual materials on African art, culture, and the environment.

National Museum of American Art (Smithsonian American Art Museum)

Elizabeth Broun, Director

The 1999 fiscal year was significant for award-winning exhibitions and on-line technology, accompanied by advances in education, research, and intern programs. Planning continued for the upcoming renovation of the Old Patent Office Building, with discussions focusing on gallery allocations between SAAM and NPG. The roof replacement project proceeded with some delays, preventing the reopening of the Lincoln Gallery before the year 2000. By the end of the year, the skylights in the gallery and along the South Wing had been replaced and judged a great success.

Having consulted with the Smithsonian Secretary, Provost, General Counsel, and other officials, the National Museum of American Art decided to begin using the name Smithsonian American Art Museum for all exhibitions, loans, and other activities, effective January 2000. This change was recommended by the museum’s Commission in order to link the museum more closely to the Smithsonian, shorten the name, and avoid confusion arising from the term “National.” If the new designation proves effective, the Smithsonian will seek formal approval from the Congress for the change.

The SAAM Collections Committee approved the purchase of Horace Pippin’s Old Black Joe, which will enhance the museum’s exceptional and growing collection of African American art.

The Smithsonian American Art Museum presented two complementary exhibitions that examined the California Gold Rush in celebration of the 150th anniversary of the discovery of gold in California. “The Art of the Gold Rush” featured
paintings, watercolors, and drawings from the 1850s, and the nostalgic views created a generation later. The museum was the only East Coast venue for this exhibition, “Silver & Gold: Photographs of the Gold Rush” featured rare daguerreotypes documenting this exciting time in American history.

“Picturing Old New England: Image and Memory” opened on April 2 and “Abbott Thayer: The Nature of Art” opened on April 22. Both are major loan exhibitions organized by SAAM curators William Truettner and Richard Murray, respectively. A catalogue to accompany the exhibition “Picturing Old New England” was coauthored by curators William Truettner and Roger Stein, along with three guest contributors, and copublished with Yale University Press. Tipper Gore, wife of Vice President Al Gore, was the Honorary Patron for the Thayer exhibition.

“Edward Hopper: The Watercolors,” jointly organized by SAAM and the Montgomery Museum of Fine Art in Alabama, opened on October 22 to great reviews and large audiences. Commissioners Hugh Half, Jr., Melvin Lenkin, and Peter Lunder contributed to make the exhibition possible. This was the final exhibition before the museum closed for renovations. “Edward Hopper: The Watercolors,” by Virginia Mecklenburg, curator at SAAM, was copublished with W.W. Norton under a favorable contractual arrangement. The museum shop sold out of its initial order on the first weekend of the exhibition. A year 2000 wall calendar was produced for the show in cooperation with Universe Publishing. In addition, the New Media staff at the museum produced an extensive Web site called “An Edward Hopper Scrapbook” to complement the exhibition and offer a glimpse into Hopper’s life, his friends and the paintings that have fascinated art lovers worldwide ever since Hopper first came to prominence during the mid 1920s.

The installation of “David Beck: L'Opéra,” a miniature opera house with 207 automated hand-carved figures, was adroitly handled despite unusual challenges. The Education office arranged for special docents to be in attendance, to protect, explain, and operate this small wonder. For the first time, music was included in an exhibition installation.

“Daniel Brush: Gold without Boundaries” won the Smithsonian Exhibition Award for Best Design—justly recognizing this show as the most handsome produced at the Smithsonian (at its Renwick Gallery) during the past 18 months. “Glass! Glorious Glass!” continued drawing unusually strong attendance, accompanied by strong publicity.

On March 19, the Renwick Gallery of the Smithsonian American Art Museum opened two exhibitions: “Shaker: Furnishings for the Simple Life,” an exhibition drawn from Commissioner Ken Hakuta's extensive collection of Shaker artifacts and “Dominic Di Mare: A Retrospective,” a touring exhibition of fiber sculptures by Dominic Di Mare from the Palo Alto Arts Center.

A Memorandum of Agreement with the James Renwick Alliance, signed in March, was implemented with a pledge of $110,000 in support for fiscal year 2000 for the Renwick Gallery. Curator-in-Charge Ken Trapp received a two-year $68,000 grant from the Smithsonian’s Scholarly Studies Program to conduct research on American Naval Presentation Silver, which is expected to be the subject of a major book and exhibition.

The Museum’s On-line Reference Desk, now renamed Ask Joan of Art, received a 1998 Exemplary Service Award at a Harvard University conference called “Reference in the New Millennium.” This on-line reference service is a high priority for fund-raising for the museum.

In its continuing quest to provide on-line resources, the museum signed an interagency agreement with the National Endowment for the Arts that will provide $430,000 over the next two years for digitizing 50,000 slides of works by 5,000 artists in the NEA’s Visual Artists Fellowship Program from 1967 to 1995. The NEA Artists Archive will be hosted on the museum's Web site.

The Web site, redesigned and launched in January, won an award as “Best Museum Research Site” at the 1999 Museums and the Web conference in New Orleans in March. Depth of research information—a testament to the museum’s long tradition of developing research resources—was cited by the judges. The New Media staff, working with the publications staff who handle fulfillment, introduced the capacity to process credit card payments on the Web site. Books and other products can now be purchased on-line with a credit card.

The museum’s Registrar’s Office successfully booked 60 venues for the extensive national tour planned for the renovation period, tentatively titled “Treasures to Go,” scheduled to run from January 2000 through 2002. The Development office signed a marketing sponsorship contract totaling $3.75 million with the Principal Financial Group of Des Moines. The sponsorship firm IMG of New York was also signed to help with the project, which will include media appearances, cable television specials, advertising, national media placement, advertorials, product licensing, and special events. Five national public relations companies were interviewed for the publicity aspect of the Principal Financial Group component of the contract, and a selection was forwarded to the Contracting Office for approval.

The education department continued breaking new ground by hosting artists’ lectures including talks by Jesús Morales, Hung Liu, Robert Cottingham with Chuck Close, Malcolm Zeldis, and David Beck. “The NMAA Educational Resources Guide for Teachers” was mailed to 3,500 teachers, and the tour booklet “Explore the National Museum of American Art” was republished. A number of partnerships helped raise funds for education programs at the museum, including the Prince George’s County Schools for a “Reading Through Art” kindergarten program and the Fairfax County Public Schools for a K-12 Arts Curriculum ($40,000 awarded by the NEA), and the Caftitz Foundation to develop teacher enrichment programs.

National Museum of American History

Spencer R. Crew, Director

The National Museum of American History dedicates its collections and scholarship to inspiring a broader understanding
of our nation and its many peoples. The museum creates learning opportunities, stimulates imaginations, and presents challenging ideas about our nation’s past through publications, family programs, electronic outreach and distance learning, community-based collaborations, and affiliations. In FY 1999, the museum acquired 5,712 objects, bringing the total number of the collection to 3,1 million and had a budget of $52.96 million. The annual visitation was 5,6 million.

The museum continued its exploration of “What is American Identity?” by relaying the histories of individuals and groups who have made America what it is today. “American Identity,” the organizing theme of the museum, brings together many of the activities—from exhibits, programs, symposiums, and collecting, into a framework concerned with what it means to be an American.

The museum’s premier symbol of American Identity, the Star-Spangled Banner, was the centerpiece of activity in 1999. On December 1, 1998, the three-story-high flag was removed from its current display and laid flat on a platform in Flag Hall. It was thoroughly examined and conservators began to devise a full treatment plan. The Star-Spangled Banner was then carefully rolled and crated in January and moved into the specially constructed conservation lab near Flag Hall on the museum’s second floor. This lab, with its floor to ceiling windows, provides the public with their closest look ever at the flag, which is carefully unrolled a few feet (and sometimes inches) at a time on an immense aluminum table. Conservators reach the flag by sitting or lying on a 35-foot-wide moveable gantry platform that is suspended above the flag. During the treatment phase of the Star-Spangled Banner Preservation Project, conservators will carefully vacuum the flag and then clean it using chemical solvents and detergents. Stitch by stitch, they will remove a linen lining added in 1914. The laboratory and the accompanying exhibition, “Preserving the Star-Spangled Banner: The Flag that Inspired the National Anthem,” which explains the flag’s history and describes the treatment process, opened to the public in May 1999. The Star-Spangled Banner Preservation Project is made possible with major support from Polo Ralph Lauren. Generous support and significant leadership are also provided by The Pew Charitable Trusts, the U.S. Congress, the White House Millennium Council, and Save America’s Treasures at the National Trust for Historic Preservation. The History Channel broadcast an original one-hour documentary about the Star-Spangled Banner and the preservation project on December 3, 1998, and with the museum’s Education staff, developed a companion teacher’s manual, “Save Our History: Teaching the Star-Spangled Banner.”

“Communities in a Changing Nation” offered another perspective on American Identity by exploring the promise and reality of life in the 1800s through the experiences of three different communities: factory owners and workers in Bridgeport, Connecticut; Jewish immigrants in Cincinnati, Ohio; and African Americans in the South Carolina low country. Subtitled “The Promise of 19th-Century America,” it opened in February 1999.

On July 29, 1999, “Photographing History: Fred J. Maroon and the Nixon Years, 1970–1974” opened, coinciding with the 25th anniversary of the end of the Nixon Administration. It featured 120 of Fred J. Maroon’s photographs, which document President Nixon’s years in the White House. This exhibit has been added to the museum’s Web site as a virtual exhibit, complete with textual narrative and audio recordings. Several programs were held with the exhibit, including a Smithsonian Associates discussion and signing of his 1999 coauthored book, The Nixon Years, 1969–1974: White House to Watergate, and a gallery talk hosted by Maroon and the exhibition curator.

The exhibition year began daringly with “Evel Knievel: Happy Landings.” Evel Knievel’s helmet and white leather jumpsuit and other memorabilia were installed alongside his Harley Davidson motorcycle in the museum’s Road Transportation Hall. The museum hosted “Closings: The Life and Death of an American Factory,” a documentary photography show from the North Carolina Museum of Art, examining one photographer’s view of the last days of a North Carolina factory. The Smithsonian Institution Traveling Exhibition Service premiered “Americanos: Latino Life in the United States” at the museum in spring of 1999. This exhibit presented 120 photographs displaying the breadth and variety of the Latino experience.

“A Visual Journey: The Lisa Law Photographs,” presented one woman’s view of the sweeping cultural changes of the 1960s, as well as their origins and results. Lisa Law documented daily life, and the larger cultural and political events during this era, from the psychedelic music scene of San Francisco and Los Angeles to the spiritual and family-oriented world of commune life in New Mexico and Woodstock.

Showcase exhibitions included “Santo Pinhole: A Saint for Photography,” which examined a tribute to Ansel Adams by New Mexican artist Elizabeth Kay. “Feather Trade” celebrated the centenary of American conservation with a look at the fad for feathered hats, hunting and collecting, and the beginning of the Audubon and conservation movement at the turn of the last century. “History in the News” case exhibits, spotlighting noteworthy or anniversary-related collections, included “Transistors: 50 Years Old” and a case entitled “Duke Ellington and the Smithsonian” as part of the Ellington centennial celebration.

The museum produced a wide variety of public programs, tours, outreach and educational programs, and hands-on learning opportunities. “Encuentros: Latino America at the Smithsonian” is a series of public programs that reflect the rich and distinctive contributions of Latinos to the history of the United States. In 1999, “Encuentros” programs included Puerto Rican guitarist Yomo Toro, a re-creating of the Carnaval de Ponce from Puerto Rico, the Ehecatl Aztec Dancers, Mexican-American performing artist Guillermo Gomez-Peña, Ehecatl Aztec Dancers, painter and storyteller Carmen Lomas Garza, Washington’s own Latin American chamber choir Coral Cantigas, and the contemporary Chicano play The Last Angry Brown Hat. In addition, there were also fam-
Family workshops on santos and masking traditions, and a scholarly conference on the "Legacies of 1898."

For the 1999 centennial of Duke Ellington's birth, the museum took a leadership role in the celebration. The Smithsonian Jazz Masterworks Orchestra led with "Duke Ellington: A Centennial Tribute," a nationwide concert tour. It touched down in Washington, D.C., in February for the Duke Ellington 100th Birthday Celebration at the Kennedy Center, and in April presented Ellington's three rarely performed sacred concerts at the Washington National Cathedral. In July, the orchestra embarked on its first-ever world tour, "Duke Ellington Corton Club Revue," visiting 14 cities and headlining in Canada, Europe, and the Middle East. The Program in African-American Culture continued its initiative to extend the Ellington Collection to teachers and students in Washington, D.C. On Ellington's birth date, April 29, the museum and students from Washington, D.C., were linked via satellite with students in Kansas City, Missouri, and Cleveland, Ohio, for a distance learning experience that included live performances, lectures, and Ellington family guests. In addition, the museum hosted the Ellington Youth Festival, which included poetry readings and an art show. One of the key additions to the museum's collection was the acquisition of archival material including music, correspondence, photographs, and newspaper articles relating to the activities of the Duke Ellington Orchestra, along with a Wurlitzer electronic piano and cigarette case owned and used by Ellington.

The Program in African-American Culture launched the multiyear series "African-Americans at the Millennium: From Middle Passage to Cyberspace." The focus of PAAC's annual conference was the Middle Passage, the second leg of the Atlantic slave trade triangle. This is a story of pain, survival, and transformation—a historic episode that transformed millions of people from Africans to African-Americans and gave rise to the construction of a social category called race.

The Chamber Music Program hosted its season series of concerts for Washington, D.C., audiences. The centerpiece of the program, the Axelrod Quartet, traveled with the Stradivarius quartet of instruments from the museum's collections, performing on these masterpieces in Fort Worth, Texas, and Toronto, Canada.

Always a high point of the year, the museum's annual "Holiday Celebration" drew more than 100,000 visitors in three days in December. Audiences sampled, participated in, and learned about the diverse ways American communities celebrate the holiday season through music, crafts, dance, and food.

FY 1999 saw the beginning of two new education programs developed by the Education and Visitor Services Department. In collaboration with the District of Columbia Public Libraries and Reading Is Fundamental (RIF), the museum launched a multiyear literacy and history education project called "The Story in History." As part of the project, ten classes of fourth graders from metro area "at-risk" schools came to visit the museum's Hands on History Room (HOHR) twice. Each student had the opportunity to select three thematically related books to keep. In June, the children returned to the museum with their families for the culminating event of "The Story in History," the Family Literacy Festival. This after-hours event featured award-winning authors reading from their books, storytellers, and related hands-on museum activities. Five hundred children, their families, and teachers attended. The second new program, "OurStory," addresses the museum's commitment to better serve families and children. Each program invites families to explore America's past through museum objects, literature, and hands-on activities.

The annual Kids Learning History Conference took place at American History in April, cosponsored by the National History Alliance and the National Council for History Education. More than 275 teachers and museum educators attended workshops and seminars designed to help them bring innovative educational practices into their classrooms and local museums.

"Disability and the Practice of Public History" was an interdisciplinary conference for disability scholars, public history and museum professionals, exhibit developers, and activists on integrating ideas about people with disabilities into history content, beyond issues of access.

The museum Web site (http://americanhistory.si.edu) continues to expand and better serve our audiences. This year was a blockbuster for virtual exhibitions such as "Edison After 40," "A Visual Journey: Photographs by Lisa Law," "The Feather Trade," and "Photographing History: Fred J. Maroon and the Nixon Years." Other new sites focused on collections ("Partitian Coins" and the "Ellington Archive Virtual Tour and Program") and events ("Encuentros," the "Disability and the Practice of Public History" Conference, and the "Duke Ellington Anniversary Site," which was nominated for a Smithsonian Institution Exhibition Award.

This year, the Lemelson Center for the Study of Invention and Innovation kicked off its 1999–2000 theme, "Invention at Play," an exploration of the creative role of play in the inventive process and the importance of invention in American toys, games, and sports. The annual showcase exhibition, "Sporting Invention," featured Howard Head's skis and tennis rackets, along with a prototype of a snowboard accessible to individuals with physical disabilities. To celebrate the 150th anniversary of Lewis Latimer, the Center commissioned the Brewery Troupe to create a puppet play about this African American inventor's life. "Lewis Latimer: Renaissance Man" was performed at the museum in 1998 for school and family audiences, and in March 1999 a taped broadcast of the show aired in more than 6,000 schools nationwide. The puppets, depicting Lewis Latimer, Frederick Douglass, and Thomas Edison, are now part of the museum's collection.

The Center's ongoing program "Innovative Lives" introduces middle schoolers to living inventors. In 1999, Ann Moore, inventor of the Snugli baby carrier, and Newman Darby, inventor of the sport of windsurfing, came to the museum. To encourage use of invention and support research on invention, in 1999 the Center initiated the "Travel to
Collections Awards Program,” which offers transportation awards for scholars to come and study at the museum.

The Affiliations Program gained momentum. In 1999, the museum had a total of 21 affiliate relationships with museums nationwide. Of those, eight active affiliations involve more than 350 loans, with 10 other affiliations in the planning stages. The largest and most active affiliate in 1999 was The National Museum of Industrial History (NMIH), a new museum that will be located at the former Bethlehem Steel Corporation mill in Bethlehem, Pennsylvania. In 1999, American History dismantled its “1876: A Centennial Celebration” from the Arts and Industries Building after a 23-year run and sent it to Bethlehem. In addition, an American History team shipped 100 artifacts weighing more than 50 tons from the Arts and Industries Building to Bethlehem. That included the “Great Locomotive Switch”: a Smithsonian rigging crew and two contracted rigging crews, with curatorial assistance from American History’s train experts, moved three Smithsonian locomotives to new homes. The Jupiter was moved into the railroad hall at American History. The Olo-

Other Affiliations involved with American History included the Chabot Observatory in Oakland, California. Eight objects, including six telescopes, from American History’s physical science collection are going on long-term loan to the state-of-the-art observatory and planetarium. Origins, a museum and cultural center in Arlington, Texas, received items from American History’s sports history collection last year for installation at the Legends of the Game Museum in Rangers Stadium. The B&O Railroad Museum in Baltimore, Maryland, and American History are exploring collaborative research, exhibit, and educational programs. The first tangible step occurred in 1999, when American History lent the museum a nineteenth-century B&O signage drum that was used on a B&O caboose.

National Museum of the American Indian

W. Richard West, Director

The National Museum of the American Indian, established in 1989 by Public Law 101-185, is a hemispheric institution of living cultures dedicated to the preservation, study, and exhibition of the historic and contemporary life, languages, literature, history, and arts of Native Peoples. The museum also is dedicated to supporting and perpetuating contemporary Native cultures and communities.

Three days of events from September 26 to 28 celebrated key museum achievements as the National Museum of the American Indian also marked its first decade. The public opening of the Cultural Resources Center on September 26; delivery of a seminal speech titled “Against All Odds” by NMAI Director W. Richard West to the national press corps about the purpose of the museum on September 27; and on September 28, a ground-breaking ceremony for the National Mall museum. The ground-breaking ceremony was covered by media from throughout the world and captured front-page attention in the Washington Post and the New York Times.

More than 1,500 museum members and others toured the new Cultural Resources Center (CRC) in Suitland, Maryland, which eventually will house the museum’s entire 800,000-object collection. The collection is being moved from the Research Branch in the Bronx, New York. The CRC now serves as a research, study, and educational facility. At the Cultural Resources Center, which reflects Native design concepts and orientation thanks to extensive tribal consultations, indoor and outdoor ceremonial areas are available to tribal delegations. There tribal elders and others can perform ceremonies and rituals with objects from the collection connected to their tribes. NMAI Native artist fellows, Native interns, scholars, and researchers are other primary users of the Cultural Resources Center. Since its founding in 1989, the Smithsonian National Museum of the American Indian (NMAI) has worked closely and collaboratively with tribes throughout the Western Hemisphere. The museum’s world-renowned collection has been available to tribes for inspection and ceremonial use. During these visits, tribal representatives have assisted the museum in identifying objects and explaining their traditional uses.

The museum’s Community Services Department works regularly with tribes throughout the hemisphere in cultural exchanges, workshops, and other programs. For example, a daylong workshop was held by the NMAI in Sonoma County, California, to introduce a new generation of basket weavers from Pomoan tribes to a sedge and willow gathering area that was not known to them. As development erases traditional gathering areas for basket-making materials, connecting weavers to previously unknown sites helps to perpetuate their art and craft. The workshop was held in conjunction with an NMAI exhibition “Pomo Indian Basket Weavers, Their Baskets and the Art Market.” Pomo weavers, storytellers, dancers, and others tribal members participated in the exhibition programming and traveled to New York from California.

In the past year, NMAI’s interdisciplinary research has been focused in Peru and Mexico and the North American Plains, Southeast, and Southwest. Current research with and for indigenous communities is creating the inaugural exhibitions for the museum on the National Mall, which will encompass the worldview and philosophies, histories, and vitalities of indigenous peoples.

NMAI’s curatorial staff is working collaboratively with the Seminole Tribe of Florida, Eastern Band of Cherokees of North Carolina, Oglala Lakota of South Dakota, and Quechua of Peru on the first several of approximately 40 tribal consultations that will be the basis of tribally curated exhibitions at the Mall museum. Tribes will also select objects from the NMAI collection to represent their cultures in
three planned exhibitions: “Our Universes,” “Our Peoples,” and “Our Lives.”

A December 2, 1999, gala for the benefit of the endowment fund of the museum’s George Gustav Heye Center endowment for the museum was held at the Pierre Hotel in New York City and resulted in a net profit of $1.2 million. U.S. Senator Daniel K. Inouye, NBC News anchor Tom Brokaw, Ted Turner, Jane Fonda, and others helped to lead the event for the NMAI.

A new NMAI four-color 52-page quarterly publication named American Indian was developed during 1999 to replace the NMAI’s use of Native Peoples magazine as well as the Runner and Quarterly Calendar. American Indian will be sent to all NMAI members beginning in January with a winter issue. The publication will focus the museum’s mission-driven work throughout the hemisphere and will present NMAI members with an insider’s view of the museum. The publication also will raise awareness of our development needs, as well as the progress of the Mall museum construction and programs and exhibitions at the GGHC.

Design and construction of the NMAI Mall museum was assumed by the Smithsonian in 1999. Assisting the Smithsonian are Polshek Partnership, Toby + Davis, joint venture architects; John Paul Jones (Cherokee/Choctaw), design consultant; Lou Weller (Caddo/Cherokee), design consultant; EDAW, landscape architects; Severud Associates, structural engineers; Cosentini Associates, mechanical/electrical engineers; Donna House (Navajo/Oneida), ethnobotanist landscape consultant; and Ramona Sakiestewa (Hopi), interior design consultant.

National Museum of Natural History
Robert W. Fri, Director

The National Museum of Natural History enhances the understanding of the natural world and humanity’s place in it. The museum’s researchers study natural and cultural diversity by collecting and identifying specimens of nature and human invention, establishing relationships among them, and explaining the underlying processes that generate, shape, and sustain their diversity. The close linkage among research, outreach, and collections stewardship is a hallmark of the museum, lending perspective and authenticity to its research and authority to its outreach.

With the opening of the Samuel C. Johnson Theater and the completion of work on the film Galapagos in 1999, the museum embraced a vivid and accessible new medium for presenting the diversity, complexity, and value of the natural world. The Johnson Theater and the other facilities in the new Discovery Center—the Atrium Café and the Museum Shops—promise to make the museum an even more rewarding place to visit.

New initiatives and technologies are making the museum the hub of a national network for science education. Through live satellite links to the museum’s Electronic Classroom, students and teachers take part in electronic field trips and research presentations conducted by Museum staff. Each participating school receives an “expedition kit” so that during the broadcast students can conduct an experiment while watching the demonstration at the museum.

Conrad Labandeira and Peter Wilf of the Paleobiology Department reported in the journal Science on their study of insect damage on fossil plant assemblages in southwestern Wyoming. Their research demonstrated that insect herbivores responded by increased levels of herbivory and in the variety of damage types on host-plant species. Focusing on an interval of time from the Late Paleocene to Early Eocene (from 56 to 53 million years ago) that is associated with the greatest rise in global temperatures during the past 65 million years, they documented the first evidence in the fossil record of a long-term insect herbivore response to a major temperature shift.

Tim McCoy of the Department of Mineral Sciences has been investigating how lava flows solidify on the surface of Mars by studying the Martian meteorite Zagami from the Smithsonian meteorite collection. The presence of different rock layers in this meteorite, one of only 13 known to come from Mars, suggests that lava flows may break up over long cooling periods, a common process that future Mars explorers (robots and humans) might encounter.

The museum received an unprecedented four-year grant from the National Science Foundation to support 13 biology, geology, and anthropology students in the museum’s Research Training Program. Each summer, the program offers 24 to 28 undergraduate students from around the world an opportunity to explore their research interests under the direction of museum scientists.

Working with private-sector partners Scansite 3D, Steinbichler, and Virtual Surfaces, Inc., the museum’s Department of Paleobiology and Morphometrics Lab are producing a virtual Triceratops that can be examined and manipulated by computer. At the same time, scientists and conservators are restoring the original fossil Triceratops and making molds that will be used to cast Triceratops models for display and study at other institutions.

“Ainu: Spirit of a Northern People,” the first American exhibition exploring the 10,000-year-old culture of the native people of northern Japan, opened April 30, 1999. Produced by the museum’s Arctic Studies Center, the exhibition and book of the same name were made possible in part by the generous financial assistance of the Nippon Foundation, Japan-United States Friendship Commission, and Japan Foundation.

The National Anthropological Archives received a grant from Save America’s Treasures, a partnership of the White House Millennium Council and the National Trust for Historic Preservation, to preserve and make accessible a collection of 20,000 nineteenth-century Native American drawings. The drawings record their makers’ lives and their experience of western expansion.
National Portrait Gallery

Alan Fern, Director

The National Portrait Gallery is dedicated to the exhibition and study of portraits of people who have made significant contributions to American history and culture and to the study of the artists who created such portraiture. It collects, documents, and preserves portraits in all media as both historical and artistic artifacts.


On January 9, 2000, the Gallery will close its doors to the public for approximately three years while the Old Patent Office Building, which houses the museum, undergoes a major renovation. Four new exhibitions drawn from more than 18,000 images in the Portrait Gallery's collection and four shows previously exhibited in Washington will travel throughout the United States and to Japan and Europe while the museum is closed. The new exhibitions include a major group of portraits of the U.S. presidents based on the museum's renowned Hall of Presidents; 75 paintings spanning more than two centuries, including works by the most important portrait artists the nation has produced; a wide-ranging group of 60 photographs of notable American women of the twentieth century portrayed by the preeminent photographers of our time; and a collection of extraordinary portrait drawings beginning with a luminous watercolor self-portrait by Mary Cassatt.

The Director’s Circle, the first formal group of individual donors, was successfully created to bring a broad range of supporters together in an organized manner to support the Gallery’s programs. In addition, an NPG Council is being planned to broaden the base of support by opening doors to foundations, corporations, and individuals on a national and international basis. The Gallery appreciates the funds it received this year from the Smithsonian’s Center for Latino Initiatives, Educational Outreach Fund, Scholarly Studies Program, and the Special Exhibitions Fund; American Heritage Magazine, The Morris and Gwendolyn Cafritz Foundation, The J. Paul Getty Trust, Home Box Office, J.M. Kaplan Fund, Thomasville Furniture Industries, Inc., the Washington Post, the Washington Times, and WBIG-FM.

The Education Department received a major grant to develop, implement, and evaluate an expanded menu of outreach programs for our Washington, D.C., metropolitan area and national audiences. A series of 48 living history performances drew a combined audience of 3,230, and Hispanic Heritage Month programs featured a series of panel discussions and a series of U.S.-made Latino films, shorts, and documentaries. Close to 3,000 visitors enjoyed the varied sounds of July’s Courtyard Concert series, “The Age of Elvis: The Roots of Rock & Roll.” Visits to NPG’s award-winning Web site averaged approximately 180,000 per month. More than 4,000 digital images now accompany records on the newly implemented Collections Information System with various scanning projects in progress.

The Charles Willson Peale Family Papers submitted final page proofs and index to Yale University Press for volume 5 of the Selected Papers of Charles Willson Peale and His Family. The Autobiography of Charles Willson Peale. Publication is scheduled for spring 2000. Plans for volumes 6 and 7, to be comprised of selected letters and documents from the children of James and Charles Willson Peale, have been approved by the Advisory Board.

National Postal Museum

James H. Bruns, Director

The National Postal Museum, through its collection and library, is dedicated to the preservation, study, and presentation of postal history and philately. The museum uses research, exhibits, education, and public programs to make this rich history available to a wide and diverse audience.

Remembering a Titanic Year

Since opening its doors in July 1993, the National Postal Museum has continued to work vigorously to improve its exhibits, exploring new, innovative methods for interpretation. The museum prides itself on its development of engaging and informative public programs, and interactive digital exhibitions for the Internet to expand the scope and reach of our exhibitions. The National Postal Museum regularly par-
participates in both national and international philatelic and postal events. In Fiscal Year 1999, the staff of the National Postal Museum combined the energies and talents of its entire staff for a yearlong series of events, exhibitions, public programs, and on-line exhibits dedicated to telling the powerful story of the RMS Titanic. The official name of the great ship that could not be sunk was Royal Mail Ship Titanic. The great disaster claimed the lives of five sea post clerks as well as six million pieces of mail. Fiscal Year 1999 was truly a Titanic year for the National Postal Museum.

The National Postal Museum was invited to exhibit “Posted Aboard RMS Titanic” at two venues in Melbourne, Australia from March through June 1999. “Posted Aboard RMS Titanic” marked the museum’s first traveling exhibition and was seen by more than 250,000 visitors in Melbourne as part of the “Melbourne 99” international philatelic exhibition. The exhibition was later installed in the Postmaster’s Gallery at the Australia Post in Melbourne. In May, “Posted Aboard RMS Titanic” was featured in San Antonio, Texas, at the National Postal Forum in conjunction with the American Postal Workers Union.

Following these events, the museum installed and opened the complete “Posted Aboard RMS Titanic” at the National Postal Museum on September 17, 1999. The expanded exhibition featured large-scale murals of the ship, an exploration of sea post mail service, and paintings of the five sea post clerks who perished while attempting to save Titanic’s mail. The highlights of the exhibition were the extraordinary objects removed from the bodies of the clerks recovered at sea. These included Oscar Scott Woody’s keys to Titanic’s mail room and John Starr March’s gold pocket watch eerily stopped at 1:27.

“Posted Aboard RMS Titanic” was kicked off with a spectacular gala event with the museum’s supporters, leaders of the mailing industry, and leaders from the U.S. Postal Service. Educational and public programs, an interactive digital exhibition, and special tours carried this important story to an exceptionally broad audience. The exhibition is expected to travel to Smithsonian Affiliate museums in the future.

In addition to the concentrated effort on the Titanic exhibitions, the National Postal Museum installed three other major exhibitions. On October 6, 1998, “As Precious As Gold,” documenting the role of the Post Office during the 1896 Alaskan gold rush opened to the public. Immediately following this, “Mayhem by Mail,” exploring the world of postal inspectors and crime in the mail opened on October 16. Finally, in January, “Down With The Fraudsters,” featuring a rare collection of revenue stamps used to regulate adulterated foods opened in the museum’s Rarities Gallery.

Collection Management
The 13-million-object collection of the National Postal Museum is selectively expanded each fiscal year. In accordance with the collecting policy, the museum acquires rare or significant United States and international philatelic and postal history objects and routine amounts of U.S. stamp material from the U.S. Postal Service, Bureau of Engraving and Printing, and U.S. Fish and Wildlife Service. In Fiscal Year 1999 the museum acquired a rare example of the first adhesive postage stamp on cover (the 1851 Greek 40-lepta charity tax or postage due issue). And special emphasis was placed on obtaining Titanic-related material for the exhibition “Posted Aboard RMS Titanic.”

Collection Management’s agenda targets every aspect of object care: research, retrieval, and distribution of object-related data and images; object storage, shipping, and accountability; preservation and treatment; and observance of the legalities of custodianship over acquisitions and loans. Continued goals of the department are the greater accountability, utilization and visibility, and better long-term care of the collection.

In Fiscal Year 1999 the museum began its first cooperative project with a Smithsonian Affiliate, The Women’s Museum: An Institute for the Future, located in Dallas, Texas. Staff worked with contracted facilitators to select museum objects suitable for that museum’s inaugural exhibition.

More specialized collections became the focus of cataloging and rehousing efforts. Work continued on rehousing the extensive U.S. certified plate proof collection. And with financial support from the Center for Latino Initiatives, early Honduran airmail proofs and overprinted postage stamps were linked to accession records, described and archivally housed for future research use. Specialized collections of mid-nineteenth to early twentieth-century Salvadoran philatelic objects were also professionally conserved and archivally rehoused.

With a commitment to expanding and better utilizing object information, the Collection Management Department contracted for the installation of the relational database, The Museum System (edition 9.1). This system of related information modules will allow multiple users to access, update, and create information about every aspect of object and object-related activities. It also promises a future for public accessibility. Approximately 60,000 records were converted to Access format for final conversion into TMS records.

The lengthy assessment and stocking of the U.S. stamp collection continued. This project, which ultimately intends to build complete Master, Reference, and Exhibit collections, has a short-term goal of producing a new U.S. stamp exhibit. In this period, one quarter of the exhibit material was assembled.

Department staff led a museum committee to assess the need for collections supplementary to the Registered Collection and to create standards and definitions for their management. An eight-page draft, completed by Collection Management staff, proposed definitions and policies to address educational collections, exhibit props and nonacquired collections. This draft will be attached to the museum’s revised Collection Management policy.

Education Department
The Education Department successfully attracted larger numbers of visitors to our public programs, to hands-on days
in the Discovery Center, and to our curricula publications than ever before. We reached out to two traditionally underserved constituent groups: pre-kindergarten students and the self-guided visitor. For pre-kindergarten children (ages 2–4), we developed a fanciful story-tour entitled “Let’s Deliver Mail.” Using a felt storyboard, students follow the mail delivery adventures of three characters (a Little Letter, a Pretty Postcard, and a Big Package). They learn about a letter carrier’s job, don mailbags to pick up and deliver mail to Owney the Dog in the museum’s atrium. To serve self-guided visitors, we created colorful, laminated self-guides that craftily invite the visitor to learn in every gallery.

The Education Department’s other highlights for the year included continuing docent training classes who in turn, conducted literally thousands of tours for the public. The Education Department developed and hosted more than 20 engaging and interactive programs and lectures for visitors covering a wide range of postal history and philately. A new style of hands-on Discovery Center day was created with monthly themes, drawing an average of 50 visitors each two-hour session. Among the many public program offerings of the Education Department were a lecture and slide presentation about the “Letters of Van Gogh” in January and the “Boys and Girls Club Absolutely Incredible Kids Day” in March where visitors wrote letters to homeless children that were particularly touching.

The Graceful Envelope Contest enjoyed another successful year with Nature as the contest theme for Fiscal Year 1999. Seventy-five winning envelopes were selected from the entries and displayed in a special exhibition from May to October. Similarly, the second Folk Art Mailbox Contest attracted many entries with photographs of five winning mailboxes displayed in the museum.

The Education Department continued its strong outreach efforts by distributing the “Classroom in a Can Lesson One: Cuneiform” to more than 1,000 Title 1 schools nationwide. In addition, the demand for Education Department publications remained constant. The Education Department distributed 1,603 Postal Pack for Elementary Students, 542 Pen Friends, 611 Secondary School Postal Packs, and 1,000 Letters From Home publications.

National Zoological Park

Michael H. Robinson, Director

The mission of the National Zoo, established by Congress in 1889 as a Smithsonian bureau, is to encourage the advancement of science and the education and recreation of the people. The Zoo is carrying its founders’ visions into the new Millennium and positioning itself to respond to the looming biodiversity crisis.

When Director Michael Robinson arrived in 1984, he envisioned transforming the Zoo into a “biopark,” where basic biology and conservation concepts could be explained by drawing examples from the best elements of zoos, botanic gardens, and natural history museums. He also saw an opportunity to cross-reference other Smithsonian museums where exhibits relate to themes one might encounter at the Zoo. Now, Robinson’s concept is embodied in many popular exhibits, including the recently opened American Prairie.

American Prairie Exhibit Opens

American Prairie, located along Olmsted Walk, opened on July 8. Two bison, numerous prairie dogs, and native plants introduce the prairie’s delicate ecological system. Reflecting the prairie theme, the bison shelter is reminiscent of the Great Plain’s sod-roofed barns.

Montali Research

An article by Dr. Richard Montali, chief of the National Zoo’s pathology department, and Dr. Laura Richman, Johns Hopkins School of Medicine, was published in the February 19, 1999, issue of Science. The article explained how the death of Kumari, the National Zoo’s Asian elephant calf, led them to discover two new herpesviruses believed responsible for at least ten Asian and African elephant calves’ deaths in North America since 1983. It also points to solutions for successfully treating calves that contract the viruses. Thanks to Montali’s and Richman’s work, veterinarians successfully treated a similar infection using the drug foscarnet on a calf at a zoo in Springfield, Missouri.

Frog Fungus Identified

The Journal of Veterinary Diagnostic Investigation published a report by Don Nichols, NZP pathologist, describing an unusual skin disease he first observed in 1991 in a research colony of California roadw. Nichols later found similar cases in two of the Zoo’s White’s tree frogs and an ornate horned frog. He has also seen the disease in many of the Zoo’s young poison arrow frogs and in wild frogs from Arizona to Quebec.

Joyce Longcore, a world expert on fungi, identified the unique organism causing the disease as an aquatic fungus in the phylum Chytridiomycota—the only fungus group that produces spores with flagella. In Mycologia. Longcore and Nichols named this new genus and species Batrachochytrium dendrobatidis.

Nichols is now certain that the organism is responsible for the disease. He and Zoo biologist Elaine Lamirande note that fungal spores are attracted to keratin, present in frog skin and in the mouth of tadpoles, and that the fungal cultures prefer temperatures below 26° C. Nichols and Lamirande hope these clues will help develop techniques to combat the disease.

ELIPSE

The Zoo and its Conservation and Research Center, along with the National Museum of Natural History and the Smithsonian Environmental Research Center, have collaborated with the Institute for Conservation Biology to bring the Smithsonian’s resources to the Miami Latino community.
Steven Monfort directs the effort, known as ELIPSE (Environmental Latino Initiative Promoting Science Education).

This project has forged a network between Smithsonian researchers and several Southern Florida organizations—the Zoological Society of Florida, the Miami Museum of Science and the Miami-Dade County Public School system.

Hsing-Hsing’s Health

Hsing-Hsing, the Zoo’s giant panda, experienced serious health problems during the spring. For several years he responded to treatment for arthritis, but this spring, he experienced lethargy and appetite loss. When veterinarians anaesthetized him, the exam revealed incurable progressive kidney dysfunction. Hsing has responded to medication, but his long-term prognosis is not good.

Panda Negotiations

Ben Beck, Devra Kleiman, and Lisa Stevens, three Zoo staffers with long-term panda involvement, traveled to China in late June to discuss details of an agreement that might bring new pandas to the Zoo. Zoo staff hope the Chinese will consider the Zoo’s proposal because of its contributions to medical, behavioral, nutritional, and demographic wild panda studies. As of late August, the request is still under negotiation.

Smithsonian Astrophysical Observatory

Irwin I. Shapiro, Director

Headquartered in Cambridge, Massachusetts, the scientific staff at the Smithsonian Astrophysical Observatory (SAO) carries out a wide variety of research programs in astronomy and astrophysics, Earth and space science, and science education in close collaboration with the Harvard College Observatory (HCO). The combined staff now numbers nearly 300 scientists, with many holding joint appointments. Together, the two observatories form the Harvard-Smithsonian Center for Astrophysics (CfA) to coordinate related activities under a single director.

Research is organized in seven divisions, with an additional department devoted to science education. And, while both observatories retain their separate identities, the combined CfA staff actively cooperates, conducting programs of study among the following divisions and department: Atomic and Molecular Physics, High Energy Astrophysics, Optical and Infrared Astronomy, Planetary Sciences, Radio and Geoastronomy, Solar and Stellar Physics, Theoretical Astrophysics, and Science Education.

Facilities

Observational facilities include the multipurpose Fred Lawrence Whipple Observatory (FLWO) on Mt. Hopkins in Arizona and the Oak Ridge Observatory in Massachusetts. The major instrument on Mt. Hopkins is the multiple mirror telescope (MMT), operated jointly with the University of Arizona. Also located at the FLWO are a 10-m-diameter reflector to detect gamma rays, a 1.2-m imaging optical/infrared telescope, and a 1.5-m spectroscopic telescope; it also houses a 1.3-m optical telescope, operated by the University of Massachusetts and other partners, and an optical and infrared interferometer (IOTA), built in collaboration with the universities of Massachusetts and Wyoming and MIT’s Lincoln Laboratory.

Major support facilities in Cambridge include a panoply of computers connected by a local area network, a central engineering department, a machine shop, a large astronomical library; design and drafting capability, and in-house printing and publishing services.

Special laboratories are maintained for the petrologic and mineralogic studies of meteorites and lunar samples, for the spectroscopy of atoms and molecules, and for the development of instrumentation, including advanced electronic detectors and atomic maser clocks. Major research endeavors include the development of a Submillimeter Array (SMA) (a joint project with the Institute of Astronomy and Astrophysics of Taiwan’s Academia Sinica) on Mauna Kea, Hawaii, and the conversion of the MMT to a single-mirror telescope 6.5 m in diameter.

SAO instrumentation is also operating in space. For example, the ultraviolet coronagraph spectrometer (UVCS) conducts ongoing studies of the Sun’s corona, one of a suite of experiments aboard the Solar and Heliospheric Observatory (SOHO) spacecraft launched in 1995. In addition, development of new instrumentation for other space missions led to two successful launches during the year—the Submillimeter Wave Astronomy Satellite (SWAS) in December and, in July, a similar successful launch and deployment of the Chandra X-ray Observatory.

Further, the Science Education Department conducts several programs designed to improve the teaching of precollege science and mathematics, partly through the use of examples from astronomy. These programs include the development of curriculum materials and videos, and the training of precollege educators.

Numerous facilities serving the general astronomical community are located at the CfA in Cambridge as well. The Institute for Theoretical Atomic and Molecular Physics, established in 1988 to attract and encourage talented graduate students to enter this field, emphasizes study of fundamental questions in atomic and molecular physics. Other services include the International Astronomical Union’s Central Bureau for Astronomical Telegrams and the Minor Planet Center, both of which disseminate information on astronomical discoveries worldwide. The gateway for SIMBAD, an international astronomical computer database, is also located at the Cambridge site, as is Harvard’s extensive collection of astronomical photographic plates, the largest in the world. In addition, on behalf of NASA, SAO operates the astrophysics data system (ADS), as well as the flight control center for AXAF and the AXAF Science Center—now renamed the Chandra X-ray Observatory and the Chandra
X-ray Center, respectively. And, SAO continues to provide guest observer facilities for investigators using the Roentgen X-ray satellite (ROSAT), a joint venture of Germany, the United Kingdom, and the United States.

Research Highlights

The Chandra X-ray Observatory, one of NASA’s “Great Observatories” and a landmark U.S. mission, was successfully deployed from the Space Shuttle in July 1999. SAO played a lead role in designing Chandra, and operates it from the Chandra Operations Control Center in Cambridge. Chandra has been orbiting Earth and is sending back a steady stream of spectacular X-ray images. SAO is also the site of the Chandra Observatory Science Center, which coordinates research of the space observatory, and receives and archives its data for the world’s astronomical community.

The Submillimeter Wave Astronomy Satellite, designed by SAO for NASA, was launched from a Pegasus-XL vehicle on December 5, 1998, and began its routine operations. SWAS is the first spaceborne observatory to operate at submillimeter wavelengths and has been giving astronomers new clues to some old cosmic mysteries, including how stars—and their accompanying planets—are born. For example, SWAS discovered that large amounts of water seem to pervade the interstellar medium, with particularly copious amounts in the huge molecular clouds thought to be the incubators of newborn stars. By contrast, SWAS has so far failed to detect molecular oxygen in those same interstellar clouds.

SAO continued its leadership in solar studies in 1999. For nearly four decades, solar scientists have been puzzled by the fact that the high-speed portion of the solar wind travels twice as fast as predicted by theory, with some particles reaching velocities of 2 million miles per hour as they stream out of the Sun and wash over the entire solar system. Now, observations made with instruments built by SAO and flown aboard NASA’s Spartan 201 spacecraft and the international Solar and Heliospheric Observatory have revealed a surprising explanation for this mystery: Magnetic waves propel the particles through the corona like surfboarders riding the crests of a cosmic sea. The Sun’s outermost atmosphere, or corona, is an extremely tenuous, electrically charged gas that is seen from Earth only during a total eclipse of the Sun by the Moon, when it appears as a shimmering white veil surrounding the black lunar disk. Using ultraviolet coronograph spectrometers on Spartan and SOHO to create artificial eclipses, SAO scientists detected rapidly vibrating magnetic fields within the corona that form magnetic waves that, in turn, seem to accelerate the solar wind. The electrical charges of the solar-wind particles, or ions, force them to spiral around the invisible magnetic lines. When the lines vibrate, as they do in a magnetic wave, the spiraling ions are accelerated out and away from the Sun. Indeed, SAO scientists believe there are magnetic waves in the corona with many different “wiggling periods” or frequencies. Thus, these waves can accelerate various solar-wind particles at different rates. For example, SAO researchers found surprisingly, that the heavier oxygen ions actually move faster than the lighter hydrogen ions.

The popular image of nascent planetary systems as thin, spinning pancakes of cosmic dust and debris may be changed by a new computer model that shows such disks are transformed into distinct rings once Pluto-like bodies form. By analyzing Hubble Space Telescope images of a suspected young planetary system recently discovered around the star HR 4796A, SAO scientists and their colleagues produced a computer model that suggests that rings around new planetary systems are common features. Indeed, the well-known Kuiper Belt of asteroids in our own solar system may be the residual remains of such a ring.

Smithsonian Center for Latino Initiatives

Refugio I. Rochin, Director

The Smithsonian Center for Latino Initiatives, established in 1998, has as its mission to advance knowledge and understanding of Latino contributions to U.S. history, culture, and society. In January 1999, the Board of Regents approved the establishment of the Smithsonian National Board for Latino Initiatives. In September 1999, the Regents approved the first members of the board, including representation from the academic, corporate, mass media, public, and nonprofit sectors. The board will provide advice, support, and expertise on Latino history, culture, art, and science and help develop the financial base for Latino initiatives at the Institution. National interest in Smithsonian programs on Latinos is strong, and opportunities for expanding activities on Latinos are improving. Staff at the center increased from four to nine to bolster the center’s capacity for outreach, fund raising, training, Web site development, and research.

During its inaugural year, the center promoted dialogues with Latino-related museums, cultural centers, and academic programs throughout the United States and Puerto Rico. Partners in programming included the Smithsonian’s affiliations programs in San Antonio, San Jose, and Miami, as well as the Inter-University Program for Latino Research (IUPLR), a national consortium of Latino studies centers. The center’s summer workshop and research fellowships brought 20 scholars to the Smithsonian to work on projects and to learn from Smithsonian curators, researchers, and project managers. The center joined with the Argentine Embassy to honor Argentine archaeologist Alberto Rex Gonzales for his eminent contributions in natural history. He received the Smithsonian Bicentennial Medal from Secretary I. Michael Heyman. The center’s director received the Partnership Award from the Hispanic Caucus of the American Association for Higher Education.

The center developed its Web site (www.si.edu/latino) with national links to major programs for research, education, and museum studies. The purpose of the Web site is to make available and known the riches of Latino history and culture and to advance communication, collaboration,
and network building among organizations serving Latino communities.

The Latino Initiatives Fund, administered by the center, contributed to more than 45 projects within the Smithsonian. Among them were "Arrival: The History of Aviation in Latin America" at the National Air and Space Museum; a photography exhibition on Los Angeles Latino communities, "El Nuevo Mundo/The New World," at the Cooper-Hewitt, National Design Museum; and studies of Latino musicians and writers, business entrepreneurs, and religious image carvers (santeros) at the National Museum of American History. The National Museum of American History, National Museum of Natural History, National Portrait Gallery, and National Zoo received funds to develop educational programs for Latino youth and communities. Several cultural events by Latino artists, educators, and performers were part of the outreach.

The Latino music tradition is a major concern of the center and the core of a long-term initiative including exhibits, performances, and research. In 1999, the center and The Smithsonian Associates cosponsored "Música de las Américas," an acclaimed series of performances and scholarly panels exploring the influence of Latin music on the musical and cultural heritage of the United States.

With the Smithsonian Institution Traveling Exhibition Service, the center produced the widely acclaimed exhibition "Americanos: Latino Life in the United States," which will travel through the United States until 2003. In partnership with Time Warner, an exhibition sponsor, the center has developed a visitor brochure and a related poster exhibit for schools.

Smithsonian Center for Materials Research and Education

Lambertus van Zelst, Director

The Smithsonian Center for Materials Research and Education (SCMRE) is the Smithsonian's specialized facility dedicated to research and training in the area of conservation, analysis, and technical study of museum collections and related materials. Conservation and preservation research seeks to increase our understanding of the mechanisms that affect the preservation of materials in museum collections, in order to formulate improved exhibit, storage, and other use conditions, as well as to develop, test, and improve treatment technology. In collections-based research, objects from museum collections and related materials are studied to increase their contextual information value and address questions in archaeology, art history, etc. Several of these research programs are conducted in collaboration with other institutions, notably the National Institute for Standards and Technology (NIST) in Gaithersburg, and the Carnegie Institution of Washington.

The international collaborative research program on the applications of these techniques in Latin American archeology, coordinated by SCMRE and sponsored by the International Atomic Energy Agency (IAEA), concluded its second year with a successful workshop in Cuzco (Peru). SCMRE also cosponsored the Conference on Modern Trends in Activation Analysis hosted by the National Institute for Standards and Technology.

Research continued on historic and prehistoric technologies, on the preservation of natural history collections and the potential to recover molecular information from such collections, and on the mechanical and chemical properties of a wide variety of materials in museum collections and their implications on the preservation of objects in such collections.

This year, SCMRE and Santa Clara University in Santa Clara, California, agreed to develop joint programs in research, education, and outreach focused on the history of the California missions and aiming specifically at a Hispanic American audience. Initial research will examine production and distribution of ceramics at the California missions, and is intended to result in a variety of educational offerings, including exhibit programs and curriculum units for secondary schools.

SCMRE continued a series of education and outreach activities based on technical information obtained from studies of santon, objects of veneration art specific to the Hispanic American cultural traditions. This year the laboratory organized the exhibit "A Closer Look at Santos/Una Mirada mas Profunda a los Santos," which had its first showing at the de Saisset Museum in Santa Clara, California. This bilingual exhibit, centered around four santon from the de Saisset Museum and the National Museum of American History, focused on aspects of materials and techniques and the scientific methodologies employed in the technical studies.

Continuing the offerings of its Research Libraries and Archives Conservation Training (REACT) program, SCMRE this year organized, hosted, and conducted, in collaboration with the International Centre for the Study of the Conservation and the Restoration of Cultural Property (ICCROM), an intergovernmental organization based in Rome, Italy, a six-week international course on Preservation Principles for Paper-based Collections. This course, attended by 11 professionals from archives in countries in Africa, Asia, Australia, and Europe, integrated technical and managerial issues involved in the preservation and use of archival collections. An innovative, Web-based curriculum designed for this course will remain available and accessible for professionals worldwide, and serve in future offerings of similar courses in various regions in the western hemisphere.

SCMRE's Archaeological Conservation Training Program continued to serve an audience of conservation professionals, archaeologists and museum collection care staff. A number of conservators and conservation students received practical training experiences at archaeological sites in Harappa (Pakistan), Copán (Honduras), and Aguateca (Guatemala). At the same time, archaeologists and archaeology students active in field schools at these sites, as well as local professionals in the cultural sector, received training in conservation and preservation principles for archaeological materials during
excavation and subsequent laboratory processing and storage, through demonstrations, workshops, and lectures.

Smithsonian Environmental Research Center

Ross Simons, Director

The Smithsonian Environmental Research Center (SERC) is a major international research and education center dedicated to understanding the ecological dynamics and human impacts in land/sea interactions of the coastal zone. SERC carries out research from Prince William Sound, Alaska, to the Antarctic Ocean; and from the farmlands of the Chesapeake Bay watershed to the Mangroves of Central America.

SERC scientists recently published a series of journal articles on a 25-year study of stream discharges of materials from the Rhode River watershed. The studies, begun by Dr. David Correll, revealed in unprecedented detail the relationships between stream discharges and precipitation. Storms had an especially big effect on particulate materials in stream water. The establishment of a beaver dam on one watershed led to significant retention of nutrients. Unexpected long-term declines in discharges of silicate may reduce the growth of silicate-dependent phytoplankton, which help support the food chain in the Rhode River and Chesapeake Bay.

Drs. Gallegos, Jordan, and Neale received a three-year, $510,181 grant from the U.S. Environmental Protection Agency (U.S. EPA) to become a pilot site in a network of long-term, intensively monitored coastal index sites. The Coastal Intensive Site Network (CISNet) is part of Phase II of U.S. EPA’s Environmental Monitoring and Assessment Program (EMAP). CISNet is being established to provide a network of “outdoor laboratories” at which research and monitoring will be conducted to establish linkages between observed changes in environmental stressors and concomitant changes in ecological resources. The grant will allow SERC scientists to supplement ongoing measurements of nutrient fluxes from the watershed with new instrumentation to monitor estuarine optical properties, namely spectral absorption and scattering coefficients. Research to interpret the monitored data will focus on three areas: (1) research to interpret estuarine optical properties in terms of the concentrations of water quality parameters that are indicative of eutrophication and sediment pollution; (2) manipulative experiments to establish the response of in situ concentrations of water quality parameters to inputs of nutrients (both watershed discharge and atmospheric deposition) and particulate matter on event to interannual time-scales; (3) process level research to examine the effects of solar UV (and especially UV-B) radiation on nearshore plankton communities, as influenced by estuarine optical properties. The research is expected improve the environmental decision-making process, by establishing comparative mechanisms by which nutrient inputs by watershed discharge and precipitation affect trophic structure of an estuary, resulting in measurable and interpretable variations in estuarine optical properties on multiple time-scales.

One SERC program investigates the harmful effects of solar UV-B radiation, which is intensifying worldwide. Dr. Patrick Neale and his colleagues showed that UV-B absorbing pigments in a common form of Chesapeake Bay algae (dinoflagellates) protect against damage to photosynthesis. This finding resolved a controversy about whether such “sunscreens” really protect single-celled organisms only a few thousandths of an inch in diameter. New SERC studies in the Chesapeake Bay, Gulf of Mexico and the Southern Ocean near Antarctica investigate effects of UV-B on the growth of aquatic bacteria. Such effects may influence global nutrient cycles.

Another SERC program examines the effects of global increases in atmospheric carbon dioxide. Dr. Bert Drake led the ongoing, long-term study of a scrub-oak forest at the Merritt Island Wildlife Refuge on Cape Canaveral, Florida. The research showed that the effects of the severe drought during 1998 were to some extent mitigated by increasing atmospheric carbon dioxide. Scrub oak exposed to a level of carbon dioxide that we expect to occur during the next century used water more efficiently and therefore continued to grow even at the height of the drought. In contrast, oaks exposed to normal ambient carbon dioxide were so severely stressed that their abilities to assimilate atmospheric carbon dioxide and to grow were severely repressed. These results confirm that at least some effects of rising atmospheric carbon dioxide have a positive effect on native species plant species.

SERC researchers directed by Dr. Jess Parker completed a 10-year study of development in local forests using an extensive network of plots in forests of different ages. The results show how forests change over time in structure, growth, and diversity. The way a patch of vegetation changes when left alone is an important component of how entire landscapes change—the other dominant component is change caused by external events, such as the disturbance by human modifications, by natural disasters, and by pests. One SERC forest was mapped in particularly great detail. A large cadre of volunteers helped map the large, canopy trees in a 43-hectare (107-acre) area around SERC’s forest research tower. The detailed study provides insight on the main factors controlling how trees are distributed within the main type of forest in the SERC vicinity: the tolerance of moisture and shade and the effects of past human modifications to the land.

Parker has also extended his forest studies to include a broad survey of light transmittance patterns measured in tropical, subtropical, western conifer, and eastern deciduous forest canopies. This survey is showing the importance of developmental stage, forest type, and disturbance on how light is distributed in forests, and will likely have some implications for forest management.

Future studies of forests will be aided by SERC’s recent development of a portable laser system for sensing forest canopy structure. The prototype system has been deployed both from the ground, carried by a person on a backpack, and from the air, supported by a helicopter. Such a system
has a potentially wide application in forest survey, experiment, and management.

SERC's studies of forest ecology also extend to understory plants. One such plant, is *Arisaema*, commonly known in the United States as Jack-in-the-pulpit, a genus of woodland herbs common to the forests of both eastern North America and Japan. Each species is dioecious (with separate male and female plants), but individual plants experience sex changes during its growth process. Their vase-like flowers are used extensively by many species of insects, including herbivores, predators, parasites, fungivores, and detritivores. Recent studies by Dr. Ilka Feller have revealed similar patterns of sex-biased herbivory and community structure in North America and Japan. This study helps to understand how natural communities of organisms are organized and what factors control plant-animal interactions.

Another plant ecology study at SERC focused on orchids. Orchids are the most diverse family of flowering plants on Earth, and many species, particularly species of terrestrial habitats such as forests, bogs, and fens, have become endangered because of human activities. Development of restoration plans for threatened and endangered terrestrial orchids requires an understanding of the ecological relationships that exist between the orchids and the mycorrhizal fungi that they host. Particularly important is an understanding of the relationships between mycorrhiza and orchid seeds and seedlings, life history stages, which are difficult to study in nature. SERC scientists had previously developed a technique to study the germination of orchid seeds in nature. More recently they have used isolation techniques to develop a large collection of orchid mycorrhiza for use in laboratory and field experiments. Dr. Dennis Whigham of SERC and collaborators from Denmark, Oregon State University, and York University in the United Kingdom have recently used molecular, morphological, and physiological techniques to determine that most of the terrestrial orchids that they are studying host several different mycorrhiza.

Seeds of several of the orchid species being studied germinate without orchid mycorrhiza, but they germinate faster when mycorrhiza are present. Seeds of other orchids will not germinate at all unless they are exposed to very specific orchid mycorrhiza. Perhaps most importantly, SERC researchers have demonstrated that orchid seedlings need to become infected with mycorrhiza very soon after germination in order for them to survive and grow. They are also finding that the spatial distribution of orchid mycorrhiza in nature is highly variable at very small scales. These results suggest that restoration plans, to be successful, will require a much greater understanding of the habitat requirements of orchid mycorrhiza. The SERC research to date has revealed for the first time the high level of complexity that exists between terrestrial orchids, their mycorrhiza, and the environments where both occur.

SERC's Invasion Biology Program, directed by Dr. Gregory Ruiz, continues to be the nation's leading center for research and analysis of biological invasions in coastal marine ecosystems. Currently, the transport of ballast water in commercial ships is the most important mechanism of species introduction in the coastal zone, because it moves large numbers of planktonic larvae and micro-organisms from port to port across oceans. SERC is the home of the National Ballast Water Information Clearinghouse, which is developing a database of ballast water released by all ships arriving from foreign ports to all U.S. ports. The database will be used to determine patterns of ballast water delivery and compared to biological invasions in U.S. coastal waters. During the past year, SERC scientists completed an analysis of the history of biological invasions of Chesapeake Bay, providing the most detailed summary of introduced species for any region in the world. SERC experiments aboard oil tankers headed for Port Valdez, Alaska, tested ways to rid ballast water of potentially invasive species transported on ships.

This year there was a big success story for SERC exemplifying public-private partnership. Major corporate support was received from the Mills Corporation for SERC's outreach activities. Donations from the Mills Corporation supported SERC's first traveling school exhibition, "Tales of the Blue Crab." The exhibition illustrates the ecology of the blue crab and is directly tied to national science curriculum standards. The innovative exhibition was dedicated at a gala ceremony and reception held at the Institutions Arts and Industries Building in Washington. Smithsonian Provost Dennis O'Connor, SERC Director Ross Simons, and Victoria Jenkins of the Mills Corporation, corporate underwriter of the exhibition, addressed specially invited guests, who included members of the U.S. Congress and their staffs and Smithsonian benefactors. The exhibition will begin traveling to schools throughout the mid-Atlantic region in the fall of 1999.

The Mills Corporation also provided support for SERC's public lecture series "An Ecological History of the Chesapeake Bay." This well-attended lecture series featured both SERC's PI's and guest speakers who provided attendees a wealth of knowledge regarding the complex interrelation of cultural and scientific history on one of America's most important and cherished waterways.

**Smithsonian Tropical Research Institute**

**Ira Rubinoff, Director**

During FY 1999, the Smithsonian Tropical Research Institute (STRI) hosted more than 500 visiting scientists and students who joined the STRI scientific staff of 33 in their efforts to enrich our knowledge about tropical environments, biologically the richest on our planet.

Several STRI staff scientists, visiting researchers, and students initiated research programs at STRI's Bocas del Toro field station in Isla Colon, the Caribbean coast of Panama, that was opened in FY 1998. STRI staff scientists Nancy Knowlton and Hector Guzman are conducting research on corals, Penelope Barnes is studying sea grasses and mollusks, and Candy Feller and Catherine Lovelock from the Smithsonian Environmental Research Center are studying mangroves. Anthony Coates and Jeremy Jackson, STRI...
scientists, are continuing their work on the Panama Paleontology Project, which studies the 20-million-year history of the ecological and evolutionary consequences of the rise and closing of the Isthmus of Panama.

At another research site in Panama at Sardinilla, Colon, engineers from the Brookhaven National Laboratories of the Department of Energy, who participate in a collaborative project with STRI, McGill University, the University of Panama, and the Universidad Católica Santa María La Antigua, set up the equipment and conducted successfully the first test run of the FACE project (Free Air Carbon Dioxide Enrichment project) ring. The equipment, used for the first time in the tropics, was tested to determine how it responded to Panama's wet and dry season conditions. The FACE project aims to understand the consequences of future emissions of carbon dioxide in the atmosphere, particularly on the regeneration of forest. Due to the high costs of carbon dioxide that are released to simulate future emission levels, the continuation of this project will depend on securing funds for its future operation.

At Panama’s Metropolitan Natural Park, visiting scientists Stephen Mulkey, Kaoru Kitajima, and Eric Graham, from the University of Florida, with Joseph Wright of the STRI staff used the canopy access system to study the effects of the atmospheric phenomenon of “La Niña” on tropical forest. As part of this experiment, they installed high-intensity lamps on the crowns of two trees to augment sunlight during cloudy and rainy periods. Their preliminary results indicated that tropical trees may be light-limited during part of the year. This would suggest that the increase in cloud coverage produced by La Niña could potentially have an impact on the carbon dioxide uptake of tropical forest.

STRI fellows Cameron Currie and Ulrich Muller with Ted R. Schultz, a curator of the Smithsonian National Museum of Natural History and researchers at the University of Toronto advanced our knowledge of the evolution of the mutually beneficial relationship between ants of the genus Attini and the fungus they cultivate as their sole food source. Their findings demonstrate that this relationship is extraordinarily complex and could be quite recent: Ants can acquire a new fungus from the wild or from different ant groups. They also discovered a highly specialized fungus that can attack the ants’ fungal gardens, and another mutually beneficial relationship between the ants and actinomycete bacteria, which help maintain the ants’ garden suitable for their fungal crop. This research was highlighted in the New York Times Science Section on August 3, 1999.

During FY 1999 STRI scientists, visitors, and students published the results of their studies in 203 scholarly publications. This included books such as Tropical Forest Ecology: A View from Barro Colorado (Oxford University Press: 1999) by staff scientist Egbert G. Leigh, Jr.; A Paleobiotic Survey of Caribbean Faunas from the Neogene Isthmus of Panama (Allen Press: 1999), a collection of papers edited by visiting scientist Laurel S. Collins and Anthony G. Coates, STRI; and Peces del Pacifico Tropical Oriental (1998) by Gerard R. Allen and STRI scientist D. Ross Robertson, a Spanish translation of a guide of Pacific fishes from the Gulf of California to the Galapagos, supported by a grant to STRI from the Smithsonian’s W. Atherton Seidell Endowment Fund.

STRI-affiliated authors published three papers in Science and two in Nature and contributed to the diffusion of scientific knowledge through the publication of a bilingual guide (Spanish-English) on The Amphibians of Barro Colorado Nature Monument, Soberantia National Park and Adjacent Areas (1999) by Roberto D. Ibáñez, A. Stanley Rand, and César A. Jaramillo. This guide is also accompanied by STRI’s first CD, which includes frog vocalizations produced by the same authors, in conjunction with Michael J. Ryan, visiting scientist from the University of Texas at Austin. Another major publication aimed at non-scientific audiences produced this year was La Cuenca del Canal: Deforestación, Urbanización y Contaminación, edited by Stanley Heckadon-Moreno, Roberto D. Ibáñez, and Richard Condit (STRI: 1999). This publication was the summary of a three-year environmental monitoring study of the Panama Canal Watershed, conducted by STRI, affiliated with Panama’s National Environmental Authority (ANAM), and funded by the U.S. Agency for International Development (AID).

Another major accomplishment of the year was STRI’s signing the five-year agreement with Panama’s National Environmental Authority (ANAM) that permits STRI-affiliated scientists to carry out a project designed to link conservation of Panamanian biodiversity with bio-prospecting for novel products for medicine and agriculture. This project, which will be conducted jointly with laboratories at the University of Panama and Panama’s Ministry of Health, developed from basic information on tropical forest trees and insects produced by studies at STRI’s field station on Barro Colorado Island. Funding for the project was provided by the National Institutes of Health through a competitive grant process of the International Cooperative Biodiversity Groups (ICBG) program.

In addition to providing opportunities for research in the tropics, STRI promotes training in its research areas. During FY 1999, STRI hosted two undergraduate field programs, with Princeton and McGill Universities, as well as held its annual field course for University of Panama students from July 18 to 26 at STRI Gigante Peninsula, a part of the Barro Colorado Nature Monument. For the first time this year, STRI cosponsored a six-week intensive eco-tourism guide training course with the local tourism industry and the U.S. Agency for International Development. Many STRI scientists participated along with international and local instructors in this course from April 19 through May 28, which responded to Panama’s Tourism, Conservation and Research (TCR) Action Plan, designed to develop a sustainable tourism industry.

STRI continued its outreach efforts in FY 1999, with the presentation of the traveling exhibition “Our Reefs: Caribbean Connections” in Belize, City, Belize, during the month of November. STRI’s exhibition “Parting the Green Curtain,” which explains how the isthmus of Panama and STRI research has contributed to the development of tropi-
cal biology, was on view at the Costa Rican National Museum in June 1999.

STRI's major administrative accomplishment in FY 1999 was the designation in 1998 of six transition committees integrated by 34 STRI employees to handle diverse aspects of the changes in STRI's employment systems and administration procedures that were necessary to comply with the Panamanian legislation when the Panama Canal Treaties ended on December 31, 1999. The committees included a transitions committee, procedures, policies and operations committee, human resources committee, human relations committee, communications committee, and evaluations committee. This effort was directed by Leonor Motta, executive officer; Anthony Coates, deputy director; and Monica Alvarado, transition coordinator. Several activities for STRI employees were organized by the Human Relations committee through the year, which included a column on employee accomplishments in the STRI newsletter, a series of talks on STRI work and activities at Culebra Exhibits Center, Cerro Juan Diaz, and a trip on the STRI research vessel, the R.V. Urrac. After successfully leading the STRI transition process, Leonor G. Motta retired on August 31 as STRI's executive officer, after being at this position for 15 years. Natacha Chandler was hired in July 1999 as STRI's new in-house attorney. Eileen Jones, associate director for grants and administration for the STRI development office in Washington, D.C., retired in January 1999. One of STRI's first staff scientists, Neal G. Smith, who had come to work as a biologist for the Canal Zone Biological Area in 1963, retired in December 1998 and was appointed scientist emeritus in January 1999. Staff scientist Robin Foster resigned to accept an endowed, full-time position at the Field Museum in Chicago. He will continue affiliated as a research associate, collaborating with STRI's Center for Tropical Forest Science. I. Fang Sun, professor at Tunghai University in Taiwan, was selected as the Asia Program Coordinator for STRI's Center for Tropical Science. On September 30, 1999, STRI had 192 employees, who actively contributed to its mission of conducting and facilitating tropical research.
National Science Resources Center

Douglas M. Lapp

The National Science Resources Center (NSRC), established in 1985 and operated jointly by the Smithsonian Institution and the National Academies (including the National Academy of Sciences, the National Academy of Engineering, the Institute of Medicine, and the National Research Council), works to improve science education in the nation’s elementary and secondary schools. In addition to developing science materials for classroom use, the NSRC collects and disseminates information about exemplary science teaching resources and sponsors outreach activities to help school districts develop, implement, and sustain inquiry-centered science programs.

The NSRC’s reform strategy begins with the assumption that informed leadership at all levels is critical in developing and implementing a new vision for science education reform. The NSRC conducts leadership development institutes to help identify and develop effective leaders within school districts and their local communities. It also provides ongoing technical assistance to catalyze and maintain science education reform efforts.

The NSRC’s mission is to—

- Develop effective teaching materials for precollege science education.
- Collect and disseminate information on science teaching resources.
- Develop informed leaders to spearhead local, regional, and state science education reform efforts.
- Provide technical assistance to help school systems improve their science programs.
- Create networks of individuals and organizations that will promote the exchange of knowledge and experience useful to the improvement of science education.

During fiscal year 1999 the NSRC focused mainly on science curriculum development and outreach efforts. In the area of curriculum development, work on the first four modules in the Science and Technology Concepts for Middle Schools (STC/MS) curriculum reached completion. These modules are unique in that they have undergone an extensive, two-year research and development process. Nineteen sites were involved in the national field testing of these modules during the past year. The feedback from the teachers, students, parents, and technical reviewers provided direction for the curriculum developers to refine these materials and ready them for commercial use.

Also in the area of curriculum development, the NSRC published the final STC Discovery Decks. These are illustrated sets of resource cards that expand on the Science and Technology for Children (STC) elementary units for fourth through sixth grade. Their completion brought to a close the STC elementary curriculum project.

Second, the NSRC’s Leadership and Assistance for Science Education Reform (LASER) initiative made significant contributions to helping school districts reform their K-8 science programs. As one of the National Science Foundation’s three Science Education Implementation and Dissemination Centers, LASER is a huge outreach initiative. During the past year, 375 school districts participated in 18 LASER events in the eight LASER regions across the country.

Third, the NSRC’s Information Dissemination division provided unique electronic tools to help these projects meet their goals. For instance, staff set up a password-protected, Internet-based bulletin board to provide a forum for the exchange of ideas by the STC/MS field-test teachers. Information Dissemination staff also began work on a LASER Implementation Guide, following a national survey of school districts participating in NSRC science education reform efforts, to provide LASER participants with information on how to implement an effective science education program.
Office of Exhibits Central

Michael Headley, Director

The Office of Exhibits Central (OEC) is one of the Smithsonian’s largest and most comprehensive exhibit producers, providing high-quality products and services to nearly every museum, research institute, and office at the Institution. This year, OEC performed consulting, design, editing, graphics, modelmaking, fabrication, object handling, crating, and installation and deinstallation services for more than two dozen Smithsonian clients and affiliates. Assisting staff in the execution of these responsibilities is OEC’s Administrative Unit, which offers management oversight and administrative and computer support.

Consultation

Consulting services are a growing and important component of OEC’s work. Sharing their expertise with Smithsonian clients, Smithsonian Affiliates, and outside organizations, OEC staff have helped define the content, execution, and even feasibility of several proposed exhibitions over the past year. Among these are “Mammals on the Move” for the National Museum of Natural History (NMNH); “Looking Both Ways: Heritage and Identity for the Alutiiq People” for NMNH’s Arctic Studies Center; “Piano 300” for the National Museum of American History (NMAH) and International Gallery (IG); “Make the Dirt Fly: Building the Panama Canal” for Smithsonian Institution Libraries (SIL); “Corridos sin fronteras: A New World Ballad Tradition,” “Hannelore Baron: Works from 1969–1987,” and “Exploring Garden Transformations, 1900–2000” for the Smithsonian Institution Traveling Exhibition Service (SITES); and a planned exhibition at Wyoming’s Cheyenne Cultural Center, a Smithsonian Affiliate.

Design, Editing, and Graphics

Among the SITES exhibition projects in which the Design, Editing, and Graphics Unit participated are “On Miniature Wings: Model Aircraft from the National Air and Space Museum,” “Creativity and Resistance: Maroon Cultures in the Americas,” “This Land Is Your Land: The Life and Legacy of Woody Guthrie,” and the refurbishment of “Full Deck Art Quilt,” “Barn Again,” and “Women in Flight.” The Unit also worked on “Microbes: Invisible Invaders, Amazing Allies” for IG; and “Vanishing Amphibians” (Spanish-language version) for the Smithsonian Tropical Research Institute (STRI).

Staff prepared presentation sketches for a proposed new exhibit on farming at the National Zoo, and provided editing services associated with the refurbishment of the Star-Spangled Banner for NMNH.

The Unit provided long-term design consultation for Smithsonian senior management. Working with SI organizations and an outside architecture-engineering team, an OEC-designer-led team developed interior and exterior signage for the Arts and Industries Building. The Unit also implemented a donation box program for the National Air and Space Museum (NASM). The Unit furthered Secretary Heyman’s Web site and digitization initiatives by offering consulting, editing, or content development expertise on several projects, including a proposed Web site for The Millennium Project, which would have demonstrated the range of the Smithsonian’s holdings using the latest technologies: “Digilab: Digitizing at the Smithsonian,” an NMAH exhibition that opened in fall 1999; and a series of building evaluation reports posted on the SI intranet (Prism) for the Office of Physical Plant.

Modelmaking

OEC’s Modelmaking Unit continued its work on the life-size recreation of an Ainu traditional house (chibis) and several figures for the “Ainu: Spirit of a Northern People” exhibition at NMNH. The renovation of the Rotunda was another high-profile NMNH project with the Unit’s work comprising a new elephant diorama, taxidermy support, specimen collection from the African savanna, and sculpted bronze identification medallions for species and objects included in the diorama. “Communities in a Changing Nation: The Promise of 19th-Century America,” a new permanent exhibition at NMAH, was a third major project, requiring mannequins, diorama work, and the creation of artificial fruits and vegetables.

During the year, the Modelmaking Unit also was responsible for design and fabrication of art deco metalwork for “The Jazz Age in Paris, 1914–1940,” a SITES exhibition; recreated animals for a 505-million-year-old scene in the Canadian Rockies for “The Burgess Shale: Evolution’s Big Bang,” also for SITES; a full-size replica of the Good Brothers’ “Guff,” the world’s first successful radio-controlled flying model, for “On Miniature Wings: Model Aircraft from the National Air and Space Museum”; 16 painted-foam microcrobe “critters” for “Microbes: Invisible Invaders, Amazing Allies”; and full-size interactive recreating the keys, striking mechanisms, and strings for the harpsichord, clavichord, and four pianos featured in “Piano 300.”

Fabrication

The Fabrication Unit’s skilled craftsmen provided comprehensive services encompassing fine cabinetry, crating, object handling and packing, and exhibition installation and deinstallation. Highlights of its work this year included exhibit vitrines for “Instrument of Change: James Schoppert Retrospective,” which opened at the George Gustav Heye Center of the National Museum of the American Indian (NMAI); extensive casework for “This Land Is Your Land: The Life and Legacy of Woody Guthrie” and “Ainu: Spirit of a Northern People”; construction of the OEC-designed VIARC information desk at the Arts and Industries Building; installation of “Microbes: Invisible Invaders, Amazing Allies”; and faux finishing for a peddler’s house and a Southern market in the “Communities for a Changing Nation” exhibition at NMAH.
Miscellaneous Services

The Unit also provided various “spot services,” including signage for the Smithsonian Craft Show, new donor plaques for the James Smithsonian Society, custom lettering for a historic aircraft undergoing renovation at NASM’s Garber facility, redesign of the Unsung Hero employee pin, kiosks for the Horticulture Services Division display at the Atlanta and Newport, Rhode Island, flower shows, and support services and signage for the new Affiliations program’s annual Roundtable.

Outreach and Training

Modelmaking staff conducted a Summer Workshop for Teachers organized by the Smithsonian Office of Education and provided training in mold making of crabs for the Smithsonian Environmental Research Center.

Office of Fellowships and Grants

Roberta W. Rubinoff, Director

Support from the Office of Fellowships and Grants enhances the quality, quantity, and diversity of research conducted at the Smithsonian. Each year, nearly 800 students and scholars come from universities, museums, and research institutes throughout the United States and abroad to use the Institution’s collections and facilities. The office manages centralized competitive internship and fellowship programs, as well as competitive grant programs that support Smithsonian staff research. This office also administers all stipend appointments offered by the Institution.

Eighty-four awards were offered to graduate students, predoctoral students, and postdoctoral and senior scholars through the Smithsonian Fellowship Program. The individuals conducted independent research in fields actively pursued by the Institution, utilizing the collections and facilities. Through the office’s minority internship programs, 38 students came to study and participate in ongoing research or other museum-related activities. Forty-six grants were made through the office’s competitive grant programs for Smithsonian staff.

Among this year’s fellowship recipients are Jorge Duany of the University of Puerto Rico and Markarris from the State University of New York at Stony Brook. Dr. Duany’s research focused on the construction and representation of cultural identities in Puerto Rico and the diaspora, working at the National Museum of American History with Marvette Perez, curator in the Division of Cultural History. He was a senior fellow in the Latino Studies Fellowship Program, which broadens and increases the body of Latino-related research. Markarris was a Smithsonian Institution Predoctoral Fellow at the National Museum of American History with Lonn Taylor. His research explored the historical and symbolic significance of “The Star-Spangled Banner.” This work will expand the understanding of national identity and the evolution of patriotism in the United States as reflected in the debates that raged over the national anthem.

Through the Scholarly Studies Program, Christraud Geary, curator of the Eliot Elisofon Photographic Archives at the National Museum of African Art, is leading a project which looks at the representation of African art in modernist photography. This research will increase the understanding of the relationship of Primitivism to that of modern art.

Office of International Relations

Francine C. Berkowitz, Director

As the Smithsonian’s liaison with individuals and institutions abroad, as well as with international organizations and government foreign affairs agencies, the Office of International Relations (OIR) fosters the Institution’s position as a global center for research and education.

This year, OIR staff represented the Smithsonian or the scholarly community in a number of official meetings and consultations, including State Department and U.S. Information Agency discussions about changes in the rules governing cultural exchange with Cuba; a World Bank-Organization of American States symposium on the preservation of cultural heritage in Latin America; and meetings of the Inter-American Biodiversity Informatics Network. The office was also involved in visits to Washington by scientific, cultural affairs, or museum officials from Belize, Burma, Bangladesh, Colombia, Costa Rica, Germany, Haiti, Iran, Luxembourg, and Peru.

The office coordinated an Institution-wide project to develop an exhibition and symposium commemorating the bicentenary of Felipe Poey in early 2000. This pioneering Cuban biologist, an early friend and correspondent of the Smithsonian, was one of the first naturalists to develop a concept of biodiversity.

Foreign officials who visited the Smithsonian this year included the president of Colombia, the queen of Jordan, the president of Ecuador, the first lady of China, the queen of Bhutan, and the president of Panama. For the visit of Cuba’s vice-minister of culture, OIR organized a briefing by representatives of 25 Smithsonian units. OIR handles arrangements for visits such as these and serves as internal adviser on foreign affairs and the Smithsonian’s interests abroad. In cooperation with the State Department and Smithsonian staff, OIR also organizes briefings on environmental affairs for newly confirmed ambassadors before they take up their posts abroad.

Office of Sponsored Projects

Ardelle G. Foss, CRA, Director

The Office of Sponsored Projects served Smithsonian researchers and scholars by supporting the work of approxi-
Asian Pacific American Studies Program

Franklin Odo, Director

The APA Program seeks to integrate Asian Pacific American contributions to U.S. history, culture, art, and society through Smithsonian collections, research, exhibitions, and programs. It also serves as the principal portal through which the extremely diverse Asian Pacific American communities can provide input into the Institution. During FY 1999, the Asian Pacific American Studies Program made great strides in establishing itself in the Asian Pacific American communities in the Washington, D.C., area and nationally.

The Program’s most significant achievement with the local community was the mounting of the exhibition, “From Bento to Mixed Plate: Americans of Japanese Ancestry in Multicultural Hawai‘i.” The APA Studies Program partnered with the Los Angeles-based Japanese American National Museum to bring this traveling exhibition to the Arts and Industries Building for six months. To bring the exhibition to life, the APA Studies Program worked closely with local community groups to recruit over 100 volunteer gallery guides and artists to demonstrate art forms reflecting Hawaii’s multicultural heritage. Gallery guides provided visitors with a memorable experience by sharing their personal stories about multicultural Hawaii. On Saturdays, visitors participated in crafts such as raku pottery, origami, and lauhala leaf weaving.

This exhibition made an impressive impact on the Washington, D.C., Asian Pacific American community and greatly benefited visitors. Between May 23 and August 15, Bento gallery guides logged more than 1,400 volunteer hours. During the summer months (June, July, and August), more than 700 visitors participated in weekend arts demonstrations.

On the national front, the APA Studies Program worked with Asian Pacific American leaders around the country to identify priorities for a strategic plan. More than 45 scholars, directors of arts organizations, and civic leaders participated in the process. Inviting these opinion leaders into our strategic planning process not only familiarized them with the breadth of Smithsonian’s activities, but also helped make Smithsonian more relevant to their communities around the country.

APA Director, Franklin Odo, made regular site visits to centers of APA communities including Seattle, Washington, northern and southern California, New York City, and Hawaii in order to inform leaders, groups, and potential donors of the opportunities unfolding for partnerships and affiliations.

Smithsonian Early Enrichment Center

Sharon Shaffer, Executive Director

The Smithsonian Early Enrichment Center (SEEC) is a unique museum-based child development center, preschool, and kindergarten that takes advantage of the Smithsonian’s invaluable resources. SEEC provides a model, high-quality educational program for young children in Smithsonian facilities and advances educational opportunities for all children by sharing its expertise on a national level, furthering the Smithsonian’s educational mandate. The program serves 125 children at three Smithsonian sites and has more than 30 staff members.

This year, SEEC taught a new five-year agreement outlining its relationship with the Smithsonian. SEEC’s board of directors issued a new strategic plan, A Design for Our Future, which outlines growth in financial planning, diversity, educational outreach, curriculum, and the SEEC-Smithsonian partnership.

SEEC advances its outreach mission through twice-yearly seminars for teachers and museum professionals from around the country and through partnerships with museums and educational institutions. Several schools and federal agency child-care centers currently license the SEEC curriculum, including a cluster of five preschools and several cultural institutions in Cleveland.

This year, Secretary I. Michael Heyman presented SEEC’s founding executive director, Sharon Shaffer, with the Secretary’s Gold Medal for Exceptional Service to the Institution, the first such award ever given to a Smithsonian educator.

Smithsonian Affiliations

J. Michael Carrigan, Director

The Smithsonian Institution Affiliations Program is an innovative, collections-based outreach initiative that shares Smithsonian collections, staff expertise, and programmatic resources with communities nationwide. Affiliations offer museums an opportunity for long-term artifact loans and stimulate strong collaborations that can sustain other programs. More than 20 organizations currently participate in the program.

At the first annual Affiliations Program Roundtable, directors and staff members of affiliating museums learned more about the Smithsonian and addressed issues specific to their ongoing projects. This well-attended two-day conference was a positive forum for assessing projects, exchanging experiences, providing feedback, and generating networks among the affiliates.

In the past year, seven organizations have fully implemented their affiliations with the long-term loans of objects from the national collections: B&O Railroad Museum (Baltimore, Maryland), Bisbee Mining and Historical Museum (Bisbee, Arizona), Kansas Cosmosphere (Hutchinson,
Kansas), Mexican Heritage Plaza (San Jose, California), Miami Museum of Science (Miami, Florida), National Museum of Industrial History (Bethlehem, Pennsylvania), and San Carlos Institute (Key West, Florida). These additions bring the total number of implemented affiliations to nine.

The program welcomed six new participants during fiscal year 1999: B&O Railroad Museum, Florida International Museum (St. Petersburg, Florida), McAllen International Museum (McAllen, Texas), San Carlos Institute, Storytelling Foundation International (Jonesborough, Tennessee), and The Women’s Museum: An Institute for the Future (Dallas, Texas).

As an extension of their affiliations projects, the Bisbee Mining and Historical Museum and Centro Alameda (San Antonio, Texas) each had interns working in Smithsonian offices during the summer. The Affiliations Program office also oversaw one fellowship this year.

Smithsonian Institution Archives

产区

Edie Hedlin, Director

Improving internal systems and promoting outreach were the major goals in 1999 for Smithsonian Institution Archives. The National Collections Program (NCP) made significant progress in coordinating the Institution’s revision of SD600: Collections Management Policy by securing the Board of Regents approval of “Smithsonian Collections Management Guidelines.” The Archives Division began a multi-year project to implement a new system for describing its holdings. By adopting a method of using contextual descriptions, known as agency histories, combined with content descriptions of series of records, SIA will provide researchers with improved access to the hundreds of collections in its care.

The Electronic Records Program within the Technical Services Division developed advice for Smithsonian Institution staff that was placed on the Smithsonian’s Intranet PRISM to assist them in managing their e-mail messages as the Institution upgraded its e-mail system. In response to perceived problems with insect infestations, the Preservation Team developed an integrated pest management program. The Joseph Henry Papers project entered into the Model Editions Partnership, a cooperative effort by documentary editing projects and the National Historical Publications and Records Commission to establish standards for efficient coding procedures for electronic publications.

A major effort to convert individual databases tracking various aspects of archival processes commenced in 1999. Staff from both the Archives Division and the Technical Services Division defined the fields required by the various activities and began the design of the Collections Management System. The ultimate goal is to incorporate all of this information into an integrated database that can share common information across archival functions.

The Institutional History Division (IHD) continued its vigorous schedule of publication in both printed and virtual form, as evidenced by the issuance of volume 8 of *The Papers of Joseph Henry*. Staff from the Joseph Henry Papers provided the information that appeared in the *Mini Page* syndicated column, featuring Joseph Henry and his role in creating a weather reporting system in the United States. They also added three new articles on Henry’s role in the history of American technology to its Web site. Other Web activities included the completion of the “Baird’s Dream: A History of the Arts and Industries Building” electronic exhibition, the initiation of a new Web resources that will offer public access to legal documents relating to the history of the Smithsonian, and the inclusion of the finding aid, “Field Reports of the United States Fish and Wildlife Service, 186-61” on the SIA Web site.

NCP compiled and published the Institution’s annual collection statistical report. In June, the Provost approved the transfer of the production of the Smithsonian Annals from the Smithsonian Institution Press to NCP. During this first year, NCP staff began to gather information for the 1997 and 1998 Annals.

The focus for the Electronic Records Program in 1999 was on issues associated with electronic record keeping systems. SIA participated in a pilot project with the Archives Center to determine the feasibility of managing and preserving the Office of the Director’s e-mail records by creating a parallel electronic system. SIA purchased electronic record keeping software to examine the feasibility of using this type of system for managing both paper and electronic files.

The Preservation Team focused its activities on addressing the core preservation needs of SIA by performing holdings maintenance on high-value collections, conducting preservation assessments of accessions and high-value collections, environmental monitoring of records storage facilities, preparing collections to National Underground Storage, and treating collections identified as containing mold. With funding from a research resources grant, the team members rehoused 215 archival collections comprising 941 cubic feet. A second project funded by research resources grant and the Women’s Committee continued the work begun in 1998 of appraising, preserving, and making accessible the films and videotapes created by Smithsonian Productions. The team continued its practice of providing outreach services to the National Anthropological Archives, Hirshhorn Museum and Sculpture Garden, and the Archives of American Art.

The core archival activities continued with providing services to Smithsonian offices. SIA completed a survey of 1,400 cubic feet of records for the Cooper-Hewitt, National Design Museum, which culminated in a comprehensive records disposition schedule for that museum. The Archives Division coordinated the transfer of SIA records and those of other Smithsonian repositories to National Underground Storage in Boyers, Pennsylvania. By the end of 1999, over 6,400 feet of Smithsonian material had been moved to NUS. SIA transferred 539 cubic feet into its holdings and discarded 37 cubic feet. Total archival holdings at the end of 1999 amounted to 22,207 cubic feet of material. Staff brought in 364 cubic feet and discarded 310 cubic feet of records at the records center.
Finally, SILA posted a 27 percent increase in reference use of its holdings. There were 4,095 inquiries, which included daily visits, telephone, e-mail, and mail inquiries and charge-outs to Smithsonian units.

Smithsonian Institution Libraries

Nancy E. Gwinn, Director

Expanding the variety and the volume of the information services it offers electronically, the Smithsonian Institution Libraries provided a wealth in information to Smithsonian researchers at their desktops. More full-text e-journals, six digital editions of rare books, and multi-subject reference-desk services were brought on-line to personal computers throughout the Institution and the world. Immediate beneficiaries of this growing body of electronic information made available by the Libraries were staff working in Smithsonian research laboratories and in the field on their laptops, in collection storage areas, in exhibits design studios, and in education offices. Recognizing the Libraries' reliance on and mastery of electronic resources and technology, Libraries' Director Nancy E. Gwinn established the Information Systems Division this year. Headed by Tom Garnett who was named Assistant Director and appointed to the Libraries' Executive Committee, the division manages the Electronic Library Program that includes all on-line products and initiatives, from publication of original electronic works and digital editions of rare books to delivery of information for research in e-journals. Illustrated rare books in natural history and the history of science and technology are now accessible as digital editions to a worldwide audience of book lovers, students, scientists, and bibliographers. Each digital edition carries historical background material prepared by Libraries' staff and subject specialists, which is valued by the researcher and book connoisseur alike. The on-line publication of digital editions has brought these texts to a worldwide audience while safeguarding the Smithsonian Libraries' collections for future generations by reducing the amount of handling of fragile materials. The Jaques Admiralty Law Firm and the Aderton Seidell Endowment Fund provided funding for the equipment. The SI Libraries' Imaging Center opened in March as a production unit where printed materials are scanned, casting images and text from paper-based materials into a digital format. At the March 2 opening of the SIL Imaging Center, attended by Provost Dennis O'Connor and members of the Libraries' Board, Director Nancy E. Gwinn said, "We cannot yet predict how these digital editions, which are destined to reach an audience worldwide, will be used in research. As new technologies enable us to move our collections off the Mall, it is clear the Libraries plays a crucial role in bringing students, scholars, and members of the public into the new information age with stunning works kept until now within the security of our rare-book libraries."

The Libraries' administration and its Board created the Spencer Baird Society in July. Named for the Smithsonian's second Secretary, this annual giving and premiere donor-recognition society recognizes individuals who provide significant philanthropic support for top priority projects of the Libraries. Some possible uses of Baird Society funds are purchase of unusual or especially important rare books for the collections; acquisition of new equipment to support digitizing efforts for the collections; providing stipends for resident scholars, interns, or a minority postgraduate residency for a new librarian; cataloging a new collection; or conservation treatments of volumes at the top of the Libraries' conservation priority list.

The Smithsonian Institution Libraries opened its nineteenth branch at the National Museum of the American Indian Cultural Resources Center in Suitland, Maryland, in February 1999. The branch began offering full-time library services in June when a library technician joined the Libraries. The branch has a limited collection of materials from the curatorial offices and provides interlibrary loan services.

SIL now offers access to 320 e-journals to its Smithsonian library users. Journal literature in electronic format, or e-journals, as they are called, allows researchers to get to vast amounts of information directly from their computers. E-journals are invaluable because they allow libraries to make better use of their space and budgets while providing information to a wider audience than could be served on location in the branch libraries. (The number of e-journals published has grown significantly over the past five years.) New electronic education aids published by the Libraries published on www.sil.si.edu include Anthropology on the Internet for K-12 (1999) by Margaret R. Dittemore, Librarian of the Anthropology Branch. The American Anthropology Association linked this useful K-12 guide to its home page. Offered as part of the larger Smithsonian effort to support education for diverse audiences, each section is illustrated with photographs of Smithsonian anthropologists working in the field or in their laboratories. Modern African Art (1998), an annotated bibliography of more than 350 published articles, reviews, catalogs, and books prepared by Janet L. Stanley, Librarian of the National Museum of African Art Branch, was published in 1998. Both the African art and the anthropology published guides are updated regularly. The Libraries' Web page is also home to "Library and Archival Exhibitions on the World Wide Web," a site with links to approximately 600 on-line exhibitions created by or related to libraries, archives, and historical societies. The site, which is maintained by Diane Shaw of SIL staff, received four national awards and was named the USA Today Hot Site in June. The Libraries' home page has Quick Reference links, and the 19 branch libraries each have home pages with subject-specialty information. The SIL User Guide and its newsletter, "Information," are available on-line along with application forms for its Resident Scholar Programs.

In 1999 the Libraries completed a multiyear project funded by the Getty Grant Program, creating approximately 25,000 on-line bibliographic records relating to the literature of African art and culture. Museum of African Art
Branch librarian Janet Stanley, author of the bibliographic index and principal investigator for the grant, began to compile the information in 1979, and she will continue adding records as new literature on African art is published. Ms. Stanley’s work resulted in the addition of hundreds of new subject terms relating to African art and culture to the Getty’s Art and Architecture Thesaurus, and the addition of more than 100 new subject headings used by the Library of Congress for cataloging. Since these 25,000 records of the African Art bibliographic index have been available with the Libraries’ catalog on SIRIS (www.siris.si.edu), reference and interlibrary loan inquiries to the African Art Branch library have more than tripled.

The Smithsonian Institution Libraries is a key player in cooperative efforts that will benefit research at the Institution. As a member of the Chesapeake Information and Research Library Alliance, a consortium of nine libraries of which SIL is a founding member, a CIRLA task force is addressing the complex nature of contracts and licenses for access to information in a digital format and designing a model for user agreements with publishers of e-journals to negotiate cost savings and to expand access to published information. Smithsonian Libraries Director Dr. Nancy E. Gwinn is serving as chair of CIRLA 1999–2000. CIRLA members in addition to the Smithsonian Institution Libraries are the Library of Congress and the National Agricultural Library and several universities (Georgetown University, The George Washington University, Howard University, Johns Hopkins University, the University of Delaware, and the University of Maryland).

Smithsonian Institution Traveling Exhibition Service (SITES)

Anna R. Cohn, Director

The Smithsonian Institution Traveling Exhibition Service (SITES) is the largest traveling exhibition service in the world. Its mission is to extend the Smithsonian collections, research, and exhibitions to “sites” across the nation and beyond. SITES organizes and circulates exhibitions of all shapes and sizes on the arts, sciences, and humanities. Since the first exhibition went on the road in 1952, SITES has traveled thousands of exhibitions for the education and enjoyment of museum-goers in every state and several foreign countries.

To expand the Smithsonian’s outreach, SITES has continued to seek out alternative partners and spaces to create and host exhibitions. Presented at the International Gallery under the auspices of SITES, “Microbes: Invisible Invaders, Amazing Allies,” an interactive, kid-friendly traveling exhibition that introduced the world of bacteria and germs using virtual reality, 3D animation, theatrical sets, and special effects was sponsored by Pfizer Inc. in collaboration with the National Institutes of Health and produced by BBH Exhibits, Inc. SITES also continues to work with the American Library Association to create exhibitions for display in libraries across the country.

SITES’ Museum on Main Street Program is designed to reach underserved communities in rural areas throughout the United States. In addition to providing these venues with exhibitions, SITES works with the Federation of State Humanities Councils to provide the venues with professional development programs and training, as well as assisting in the development of site-specific public programming. “Yesterday’s Tomorrows: Past Visions of the American Future,” is the third Museum on Main Street traveling exhibition and will begin touring in 2001.

America’s Jazz Heritage (AJH), a partnership of the Lila Wallace—Reader’s Digest Fund and the Smithsonian Institution, continues its mission to research, preserve, and present the history of jazz. AJH/SITES traveling jazz exhibitions have and continue to fulfill institutional visibility across the nation. AJH reached diverse audiences through informative and entertaining exhibitions focused on one of America’s most treasured legacies, its history, icons, and priceless collections. AJH coproduced the distance learning program entitled “An Ellington Experience” free of charge in collaboration with the Cleveland Education Fund’s Excellence in Music Initiative during the April 1999 Duke Ellington Youth Festival. AJH also coproduced “The Musical Genius of Duke Ellington,” an Electronic Field Trip in collaboration with the Fairfax Network and the Cleveland Education Fund, which was broadcast free of charge to more than 8,000 schools and 2.8 million students.

Through the Smithsonian’s growing Affiliations program, AJH is afforded heightened institutional support for creating partnerships and collaborations with jazz museum affiliates such as the American Jazz Museum in Kansas City, Missouri, and the emerging National Jazz Museum in Harlem.

Smithsonian Office of Education

Ann Bay, Director

A yearlong strategic planning process culminated in the merger of the Smithsonian Office of Education (SOE) and the Center for Museum Studies (CMS). The new office interprets the collective knowledge of the Smithsonian and serves as a gateway to the Institution’s education resources. It also promotes the understanding and use of museums in general. This expansion of mission began nearly three years ago when the Office of Elementary and Secondary Education became the Smithsonian Office of Education. The role of SOE broadened to include service to educators and parents and administration of the Educational Outreach Fund and the Wider Audience Development Program.

In the year leading up to the merger, SOE and CMS together offered professional development opportunities and services for educators. In the Washington area, summer seminars helped elementary and secondary teachers learn how to
use museum resources to meet curriculum objectives. The Paul Peck Humanities Institute, a partnership at Montgomery College in Maryland, provided faculty research fellowships, internships, and seminars. The office continued to promote the popular heritage-month programming at the Institution. This year, for example, a workshop for teenage writers conducted by prominent Afro-Latino authors was filled to capacity.

The office also brought Smithsonian expertise to places throughout the country. The American Indian Museum Studies Program conducted extensive seminars in Louisiana, Florida, and Alaska. Regional workshops in Riverside, California, and Austin, Texas, fostered partnerships between school districts, local museums, and the Smithsonian. In these community-based programs, the Smithsonian models methods and gives technical support.

The new *Smithsonian Field Trip Guide for Educators*, funded by several Washington-area foundations, was launched this year. This 96-page guide details tours and programs for students and professional development opportunities for educators at all Smithsonian museums, research institutes, and offices. An “educator’s toolkit” section, developed with the cooperation of schoolteachers and some 60 Smithsonian contributors, contains proven educational strategies and a guide to making connections between the Smithsonian’s permanent exhibitions and national education standards in history, science, and the arts.

**Accessibility Program**

*Janice Majewski, Accessibility Coordinator*

The number of people who have disabilities has been increasing as life spans lengthen. Today, one in five Americans has a disability. That translates into greater numbers of Smithsonian visitors with diverse abilities and disabilities. The Accessibility Program advocates for and coordinates actions by Smithsonian museums, research institutes, and offices to accommodate audiences that include people with disabilities. The program’s activities this year demonstrate the diversity of the audiences and issues.

The program collaborated with the National Museum of American History and the National Rehabilitation Awareness Foundation to present “Disability and the Practice of Public History,” a ground-breaking conference for scholars, museum professionals, and disability advocates. The participants concluded that disability history must be part of public narratives, including exhibitions. Integral to the success of the conference was the program’s model provision of accessibility services to accommodate the 200 conference registrants with diverse disabilities.

Professionals from the Smithsonian and Washington, D.C., area cultural organizations attended five continuing education sessions held by the program, focusing on accommodations for visitors who are blind or have low vision. The topics were tactile opportunities in museums, site orientation and wayfinding, assistive technologies, the Mashantucket Pequot Museum’s information system for visitors with vision impairments, and publications accessibility.

As Smithsonian visitors’ demand for accessibility services increased, the program provided more than 550 hours of sign-language interpretation, audio description, and Real-time captioning services through its centralized resources. Review of design and construction plans for the accessibility of facilities and exhibitions is a priority. Significant projects this year included renovation plans for the National Museum of American Art and the National Portrait Gallery, the National Museum of the American Indian’s museum on the Mall and its Cultural Resources Center, the Victor Building, and the Star-Spangled Banner Preservation Project conservation laboratory and exhibition.

**Institute for Conservation Biology**

The Institute for Conservation Biology (ICB) continued its mission to facilitate multidisciplinary initiatives in conservation science by drawing together the myriad skills and resources of the Smithsonian Institution, collaborating with other organizations, and creating alliances that effectively address a broad range of conservation issues resulting from the biodiversity crisis. ICB continued to forge strong relations with non-Smithsonian agencies and nongovernmental organizations.

ICB and The World Bank cohosted an environmental roundtable for 35 participants from the host organizations, the U.S. and Ecuadorian governments, nongovernmental organizations, and foundations. Jamil Mahuad, president of Ecuador, spoke on “Ecuador’s New Vision on Sustainable Development,” followed by an open discussion. U.S. Secretary of the Interior Bruce Babbitt gave the concluding remarks.

Two distinguished guests were featured in ICB’s ongoing Visiting Speaker Luncheon Series: Timothy Wirth, president of the United Nations Foundation, and Rosina Bierbaum, associate director for environment in the Office of Science and Technology Policy, Executive Office of the President. This series acquaints Smithsonian scientists and staff with the institution’s environmentally oriented neighbors and serves as a springboard for cooperative initiatives.

With the University of Maryland graduate program in Sustainable Development and Conservation Biology, ICB hosted the Society for Conservation Biology’s 1999 annual meeting, “Integrating Policy and Science in Conservation Biology.” The institute and The World Bank cosponsored a luncheon meeting with Ernesto Perez Balladares, president of the Republic of Panama, to discuss ecotourism and the need for strategic alliances among tourism, conservation, and scientific research. ICB continued to offer its course, “Biodiversity and Wildlife Conservation,” at Johns Hopkins University’s Washington, D.C., campus. Thirteen Smithsonian scientists taught the course during the fall 1999 semester.
Institutional Studies Office

Zahava D. Doering, Director

The activities of the Institutional Studies Office (ISO) can be grouped into four major categories: museum and exhibition planning, exhibition assessment, membership studies, and research.

In museum and exhibition planning, the office conducted a major study of three linked museums—the National Museum of American Art, the National Portrait Gallery, and the Renwick Gallery—that was designed to provide essential data on visitors to guide planning. Data collection took place in different seasons to capture a wider range of visitors. For the National Air and Space Museum, the office conducted exploratory interviews with visitors to aid in planning the new Air Transportation hall, as well as surveys and in-depth interviews for the future “Explore the Universe” exhibition. At the National Museum of Natural History (NMNH), ISO interviewed visitors extensively in the Kenneth E. Behring Hall of Mammals to learn how they experience the displays. These explorations led to a large-scale survey study that yielded information to guide planning for the reinstallation of the hall.

Exhibition assessment activities included an in-depth study of the “Geology, Gems, and Minerals” exhibition at NMNH that provided valuable insights into how the museum could enhance attendance in its major exhibitions. At the National Zoo, a series of three studies investigated visitor behavior, attitudes, and experiences in the Amazonia exhibit, with a focus on the Amazonia Science Gallery and its use by families.

Two membership studies repeated and enlarged on studies conducted 10 years earlier. For the Cooper-Hewitt, National Design Museum, a study showed how the museum’s support has changed over time. A study for The Smithsonian Associates emphasized internet use by members.

ISO’s research activities continued work on the types of experiences that visitors anticipate and find satisfying in museums. A study of entering and exiting visitors at the National Museum of American History demonstrated the usefulness of this model in clarifying the museum’s impact on its visitors.

The peer-reviewed journal Curator invited the office to submit articles for a special issue on ISO’s work. Staff members prepared five major articles, which were accepted and scheduled for publication early in 2000.

Scientific Diving Program

Michael Lang, Scientific Diving Officer

As an Institution-wide research support program dedicated to the safe conduct of underwater science activities by Smithsonian staff and affiliated researchers, the Scientific Diving Program facilitated projects and diving expeditions by the Smithsonian Tropical Research Institute, the Smithsonian Environmental Research Center, the National Museum of American History, the Smithsonian Marine Station at Fort Pierce, and the National Museum of Natural History. These projects involved more than 200 scientific divers and approximately 4,000 incident-free dives. Program staff were involved in research diving expeditions in the Caribbean and the Pacific. The Scientific Diving Control Board chair and the scientific diving officer co-chaired a two-day marine sciences workshop at the Smithsonian Environmental Research Center that examined underwater research efforts at the Smithsonian and its network of marine research facilities. The program also conducted two three-week scientific diving courses, one at the National Museum of Natural History and one in Spanish at the Smithsonian Tropical Research Institute. At the invitation of the Japan Marine Science and Technology Center, the program was involved in the development of a scientific diver network and manual in Japan.
A Core Commitment to Excellence

The public knows to expect excellence from the Smithsonian. Whether visiting a museum on the Mall, attending Smithsonian Associates events in their hometowns, or browsing the Web site, people are confident that they will have an experience of the highest quality. This dedication to excellence permeates the Institution, and not just in the visible programs that the public enjoys.

The reports in this section of the annual report highlight the pursuit of excellence behind the scenes, where staff members provide essential support for the Institution’s museum and research activities. Stimulating programs from The Smithsonian Associates, for example, open a world of knowledge to those who participate, but first it takes talented staff to develop the content, orchestrate the logistics, and make the experience a rewarding one. Visitors to the National Museum of Natural History enjoy the expanded facilities and services in the new Discovery Center, thanks in part to several years of intense effort by staff in the various Operations units who helped make this addition to the Smithsonian landscape a reality. Our dedicated volunteers—this year, some 5,400 strong—make their own special contributions to excellence in just about every corner of the Institution.

Sustaining excellence requires more than hard work, high standards, and the will to succeed. For the Smithsonian, reliable and steady commercial revenue sources are increasingly essential as we look for ways to support our programs and create new ones that serve widening audiences.

This year, the Smithsonian strengthened its commitment to developing and expanding for-profit business activities by establishing Smithsonian Business Ventures, a separate entity within the Institution with its own board of directors. Gary Beer, the chief executive officer, oversees Smithsonian magazines, museum shops, mail-order catalogues, concessions, commercial alliances, media-content products, direct marketing, and product development and licensing. Beer, who joined the Smithsonian near the end of this fiscal year, guided a similar venture to success when he was president and CEO of the Sundance Group, the for-profit arm of the Sundance organization founded by Robert Redford.

Underlying this organizational change is the same commitment to excellence that has driven the Smithsonian for all of its 153 years. During I. Michael Heyman’s five years as Secretary, we have continued to explore new realms—physical, intellectual, and electronic. Now we are responding to present needs while thinking ahead to the Smithsonian’s possible future roles and anticipating how we will support them. As the reports in this volume suggest, the various organizations that make up the Smithsonian are always looking at ways to fulfill their missions more effectively. As long as the commitment to excellence is at the heart of everything we do, we cannot help but succeed.

Música de las Américas

In a celebration of Latino music traditions that the Washington Post called “sizzling,” “superb,” and “invigorating,” The Smithsonian Associates presented its ground-breaking “Música de las Américas” program. This series of six monthly concerts and complementary panel discussions explored the continuing influence of Latin styles on popular music in the United States. Top musicians performed in highly praised concerts that focused on popular Latin American musical genres: mambo and Afro-Cuban jazz, merengue, conjunto norteño, tango, bossa nova and cool jazz, and salsa and Latin jazz. Brazilian jazz icon Leny Andrade, the Machito
Orchestra, jazz legends Charlie Byrd and Herbie Mann, 1999 Grammy Award winner Flaco Jiménez, and Lydia Mendoza, the “Queen of Tejano Music,” were among the many performers.

Involvement with Latino communities is a priority for The Associates, and programs by, for, and about the history and culture of people of Hispanic origin are increasingly popular. “Música de las Américas” was made possible with the support of the Smithsonian Center for Latino Initiatives and America’s Jazz Heritage, a Partnership of the Lila Wallace–Reader’s Digest Fund and the Smithsonian Institution.

Connecting to Smithsonian Resources

For more than 25 years, staff and volunteers in the Visitor Information and Associates’ Reception Center’s (VIARC) Public Inquiry Mail and Telephone Information Services have fielded an extraordinary variety of questions, from the predictable (“What are the Smithsonian’s hours?”) to the startlingly specific (“What is this insect? See enclosed.”). When the public is curious, VIARC is ready with assistance.

Today, people seeking information are more likely to send an e-mail than to pick up the telephone or mail a letter. Some 15,600 electronic inquiries arrived at VIARC’s address, info@info.si.edu, in fiscal year 1999, representing 45 percent of all inquiries received and an 80 percent increase over last year’s electronic mail. Each month, thousands of cyber-visitors log on to the Smithsonian’s Web site, where they can browse Encyclopedia Smithsonian, a VIARC page that provides selected links to on-line information throughout the Institution. A VIARC behind-the-scenes volunteer has made critical contributions to the creation of this site, working with many Smithsonian organizations. Most recently, she collaborated with the Department of Entomology in the National Museum of Natural History to create the extensive “Bug Info” area (click on “Insects” in Encyclopedia Smithsonian).

VIARC volunteers and staff work with an impressive library of fact sheets and bibliographies on everything from mollusks to the history of taxicabs, created and revised over the years in cooperation with Smithsonian specialists. When the Institution joined forces with America Online in 1993 to create Smithsonian Online, VIARC contributed highlights from these information resources. By 1995, the Smithsonian had launched its own Web site, and VIARC was instrumental in supplying much of the initial content.

Although e-mail makes asking questions easy, VIARC still fields telephone queries at (202) 357-2700. “People are astonished when they get a live response,” says VIARC’s Katherine Neill Ridgley. Whether in person or on-line, she says, “people tell us how grateful they are to be connected to the wealth of knowledge and information the Smithsonian has to offer.”
Reports of the Administrative Offices

Office of General Counsel

John E. Huerta, General Counsel

The Office of the General Counsel (OGC) protects the legal interests of the Smithsonian Institution. In carrying out that mission, the OGC provides legal advice and counsel to the Smithsonian Board of Regents, Secretary, Provost, Under Secretary, and other managers on the administration of the Institution; represents the Smithsonian in litigation and other adversarial proceedings to which the Institution is a party and before federal, state, and local government entities on administrative matters; issues final determinations on administrative tort and personal property claims against the Smithsonian; and generally monitors developments in the law for application to the Smithsonian programs.

Office of Planning, Management and Budget

L. Carole Wharton, Director

The Office of Planning, Management and Budget (OPMB) assists the Secretary and Board of Regents in setting priorities, allocating resources, and measuring performance. OPMB gathers, analyzes, and presents Institutional needs to the Regents, the Office of Management and Budget (OMB), and Congress for evaluation and disposition. OPMB also provides services to central and unit managers in order to improve planning for, as well as management of, Smithsonian resources.

In addition, OPMB develops and disseminates Institutional policy directives and announcements.

Budget Management Planning and Policy System (BUMPPS)

BUMPPS is the Smithsonian's automated planning and budget system that provides up-to-date data for senior management and also interfaces with Office of Comptroller's (OC) Smithsonian Financial System to provide current year budget data on the financial reports. The BUMPPS team improved the security foundation and modified the existing eight modules of the system. It also developed, tested, and released the Grants and Contracts Budget Module, which allows the Office of Sponsored Projects to create, update, view, and report on the detailed budget records for nongovernment and government grants and contracts sources. In addition, the team redeveloped the Budget Transfer module based on enhancements identified by OPMB analysts and the units, and created and released new reports for the Budget Transfer and OMB Non-Allocated modules.

Team Based Organization (TBO)

The TBO structure of the office continued to evolve as team members became more accomplished in the art of teamwork. Changes occurred in the structural details, but TBO remained the governing concept.

The Smithsonian Associates

Mara Mayor, Director

Programs In and Around Washington

Resident Associate Program

The Smithsonian Associates' (TSA) Resident Associate Program provided a spectacular array of courses, seminars, and special events for the greater Washington, D.C., area. The
year began with L'esprit de France, an exceptional collage of nearly 40 special events and programs to explore France and its contributions in art, architecture, music, history, philosophy, literature, language, cuisine, and style. The centerpiece of L'esprit de France was an elegant black-tie gala held at the Washington Design Center, chaired by Mary Ourisman and attended by the Ambassador of France. The celebration was headlined by events cosponsored with the Hôtel Ritz Paris, such as "The French Art of Tea" and "Rendezvous with the Ritz' Chefs."

TSA collaborated with Smithsonian museums on a variety of cultural and educational programs. Tim Johnson of the National Museum of the American Indian used stunning images to review the photographic history of Native Americans from the very beginning of photography more than 150 years ago. An impressive roster of speakers, including Doris Evans McGinty, Ed Guerrero, and Mark Naison, presented a seminar, “Celebrating the 100th Anniversary of Paul Robeson’s Birth,” to complement the National Portrait Gallery’s exhibition on this great artist.

TSA presented a dazzling array of world-renowned figures. After a screening of extraordinary vintage footage trumpeting his historic Everest conquest, Sir Edmund Hillary, in an extraordinarily rare public appearance, received the James Smithson Bicentennial Medal. Author Tom Wolfe delighted his audience with witty repartee about his life as a writer in a conversation with Marc Pachter. Lesley Stahl reflected on her 25 years as a reporter. Psychologist Richard Carlson told us, "Don’t Sweat the Small Stuff." Peter Jennings, anchor and editor of "ABC World News Tonight," reflected on the twentieth century.

Two very special programs highlighted the year. TSA presented one of the largest groups of former Presidential Press Secretaries ever assembled. Moderated by historian Michael Beschloss, the list of luminaries included George Christian (Johnson); Marlin Fitzwater (Reagan and Bush); Joe Lockhardt; Mike McCurry, and Dee Dee Myers (Clinton); Ronald Nessen, (Ford); Pierre Salinger (Kennedy); Larry Speakes (Reagan); and Ronald Ziegler (Nixon). The other spectacular program featured the great NASCAR drivers including Dale Earnhardt, Dale Earnhardt, Jr., Jeff Gordon, Kyle Petty, Richard Petty, and Darrell Waltrip.

TSA has had a long association with Oxford University through its study tours program. This year, for the first time, Smithsonian Associates were able to enjoy Oxford in Washington through three daylong seminars. Barry Cunliffe, professor of archaeology at Oxford, spoke about the history of the Celts and their contribution to western civilization. Oxford tutors Geoffrey Tyack and David Eldershaw covered "The English Country House" and "Oxford as University, City, and County."

Continuing its long collaboration with the National Air and Space Museum, TSA presented the 33rd Annual Smithsonian Kite Festival on the National Mall. This year’s theme, “A Century of Flight: Looking Back” celebrated the centennial of Orville Wright’s historic 1899 kite, which was a milestone in aviation history. Associates in the greater Washington area took part in more than 200 day and overnight tours in the region. Of special note is the popular journey to Frank Lloyd Wright’s Fallingwater (PA), which was expanded to include Kentuck Knob, another Wright home recently opened to visitors on a limited basis.

Young Benefactors

The Young Benefactors entered its tenth year, continuing its mission of raising unrestricted funds for the Smithsonian Institution and increasing awareness among young professionals of the goals and objectives of the Institution. Among activities this year were a reception at the Latin American photography exhibit at the National Museum of American History, a cocktail reception at the Renwick Gallery, and the Tenth Annual Blast-Off Black-Tie Gala at National Air and Space Museum, which raised more than $150,000.

Masters Program in the History of Decorative Arts: Nineteenth- and Twentieth-Century American Decorative Arts

Maria Ann Conelli, Choir

The Masters Program, now in its fourth year, sponsored a symposium entitled “The Theme Is Glass” in conjunction with the exhibition “Glass! Glorious Glass!” at the Renwick Gallery of the National Museum of American Art. Renowned glass artist Dan Dailey opened the morning session and was later joined by curators Paola Antonelli of the Museum of Modern Art and Vicky Clark from the Pittsburgh Center for the Arts. They addressed an enthusiastic audience of more than 125 attendees. Kenneth Trapp, curator-in-charge at the Renwick, provided an afternoon tour of the exhibition. The day ended with a lively panel discussion that ranged from the future of art glass to glass and modern technology.

Professor John Wilton-Ely, the distinguished art historian, joined the faculty and lectured on his forthcoming book, Robert Adam and the Adam Style. Students from the Masters Program later joined Professor Wilton-Ely in England to explore the celebrated English country houses and their interiors. During this summer seminar, students visited the collections of the Victoria and Albert Museum, Spencer House, the Wallace Collection, Osterley Park, The Sir John Soane’s Museum, Strawberry Hill, and Chiswick House, to name a few.

The Masters Program continued production of the "Newsletter of the Decorative Arts Society." This publication, with an international readership, offers articles, exhibition and book reviews, news on recent acquisitions, and a calendar of events pertaining to the applied arts for museum and historic houses across the United States. Students in the Washington, D.C., program serve as writers, editors, and designers. Some have found their voice and careers in writing for the Newsletter.

Programs Across America

and Around the World

Smithsonian Institutes for Professionals

Geared for corporate and association audiences who come to Washington from across the country, TSA's Institutes are
custom designed to meet the interests and needs of each client and can be used for training, awareness, or incentive programs. The programs, which may last from a few hours to several days, use Smithsonian collections, laboratories, research facilities, and exhibitions to help participants better understand diverse cultures and to foster fresh approaches to problem solving. The institutes include Smithsonian Creativity Institutes, Smithsonian World Affairs Institutes, and Smithsonian Signature Institutes. Companion programs also are offered.

In April, TSA presented a three-day World Affairs Institute about Southeast Asia for Indiana University as part of an ongoing relationship with that university. Notable international experts including ambassadors and congressmen as well as representatives the U.S. Department of Commerce and The Brookings Institution introduced 45 participants and their spouses to the economic complexity of the region through lectures. Embassies hosting events included Vietnam, Thailand, and Singapore.

A Signature Institute for 22 international members of the Young Presidents Organization (YPO) also occurred in April. Through a lecture, tour, and hands-on demonstration exercises, participants had a chance to get behind the scenes, learning the work of the National Museum of Natural History forensics department, as well as about skeletal biology.

An agreement was made with Lockheed Martin Leadership Institutes to provide Creativity Institutes to approximately 25 executives on a quarterly basis. The first half-day event was held in August.

Smithsonian Voices of Discovery

TSA's Voices of Discovery takes Smithsonian experts into communities around the country. They present lectures and workshops in a variety of settings, from museums to public libraries. For the 11th year, TSA participated in "An Appalachian Summer Festival" in Boone, North Carolina, with speakers and topics relating to Appalachian crafts.

Smithsonian Scholars in the Schools

This newly created program takes Smithsonian specialists into schools around the country to share their expertise with students and teachers. In addition to group lectures, hands-on classroom sessions, and teacher workshops, each custom-tailored program offers an evening public presentation for the greater school community. The Spring Branch Independent School District in Houston, Texas, which served as a pilot facility last year, hosted another highly successful series that reached several thousand students through live appearances and via Web and distance learning interactions with the scholars.

The Museum of Me

Working with Educational Field Studies, Inc., TSA redesigned and expanded its Museum of Me program. Targeted at middle school student groups visiting Washington, D.C., this two-part program introduces them to museums, collecting, museum careers, and exhibit design. Before their trips, teachers receive a preview packet that includes a CD-ROM about the Smithsonian and a learning guide with suggested activities to complement their museum visit. While in Washington, the students attend a live, interactive 30-minute presentation in Discovery Theater where they are challenged to think like museum professionals and design an exhibition.

Smithsonian Study Tours

With more than 350 national and international study tours offered this year, Smithsonian Associates had the opportunity to experience and learn about virtually every corner of the globe. For example, Associates traveled to "Southern Africa by DC3" for a classic aerial exploration of Zimbabwe, Botswana, and Namibia.

Grandparents, parents, and children joined educators atop Gargonza, a medieval Italian hilltop town, for the Smithsonian’s first "Tuscan Summer for Families" study tour. Forty-one Associates took part in day tours specially geared for families, with children having the opportunity to experience a different culture and even play soccer with local youngsters.

In the United States, 80 Associates took part in a first-time cruise on a new ship, Le Levant, on the Great Lakes. Others enjoyed gala performances and joined music and drama experts behind the scenes at U.S. and Canadian performing arts festivals that included Spoleto USA (Charleston, South Carolina), Carmel Bach (Carmel, California), and Stratford (Ontario).

Smithsonian Businesses

Roland Banscher, Acting Senior Business Officer

The Smithsonian is committed to developing and licensing products that reflect its educational values and extend its message. From a business point of view, selling merchandise of high quality helps strengthen the Institution's financial base. From an education point of view, an exhibition catalogue, a CD-ROM, or products carrying descriptive information contribute to people’s knowledge of collections and research programs throughout the Institution.

At the National Museum of Natural History, museum shop sales increased following the opening of the Discovery Center in May. A shop in the International Gallery supported the exhibition "Microbes: Invisible Invaders, Amazing Allies," with everything from gummy microbes to educational microscopes. The Arts and Industries Building shop now features "The Best of the Smithsonian" merchandise, including best-sellers from several museum shops, publications, recordings, Smithsonian Catalogue merchandise, and souvenirs.

The Smithsonian Catalogue continues to reflect the educational values and rich diversity of the museums and research
institutes. Every product receives curatorial approval. Sales in fiscal year 1999 exceeded $39 million, an 11 percent increase over the previous year. The catalogue continues to dominate the museum theme catalogue market with a 30 percent market share. For the first time, circulation passed the 20 million mark.

Licensed products based on items in the Smithsonian’s collections help extend the Institution’s educational mission and generate revenue to meet programmatic needs. Every product must meet high standards before it reaches the marketplace. New products this year included a reproduction of explorer William Clark’s compass in the National Museum of American History; jewelry adapted from the Hope Diamond and the Hooker Emerald from the National Gem Collection of the National Museum of Natural History; and a planetarium kit for students ages 8 and up inspired by the Albert Einstein Planetarium at the National Air and Space Museum.

Public food services attracted more than 2.5 million visits and almost one half million staff member visits, generating more than $1.5 million in net revenue for the Smithsonian. The newest dining facility, the Atrium Café at the National Museum of Natural History, features six-story skylights and a varied menu, including made-to-order salads, soups, pasta, and a rotisserie station.

Smithsonian Magazine

Ronald Walker, Publisher

One of the Institution’s primary outreach vehicles is Smithsonian magazine, read by nearly 7 million people each month. This year, lively and informative articles introduced readers to the usual broad scope of topics, including Erector Set inventor A. C. Gilbert; the mystical beauty of turquoise; “star parties” for amateur astronomers in Arizona; turn-of-the-century American artist Abbott Handerson Thayer; the cloud of “space trash” that orbits Earth; and the contentious new world of dam removal. The magazine attracts reprint interest from a variety of sources, particularly the field of education. Academic institutions, associations, and textbook publishers request permission to use Smithsonian articles as part of coursework material or for informational distribution. Roughly 70 percent of the more than 500 permission requests received in fiscal year 1999 were from organizations with an educational purpose or affiliation.

Smithsonian Productions

Paul B. Johnson, Director

Smithsonian Productions is the electronic media production center for the Smithsonian, basing its work on the research and exhibition activities of the Institution’s museums and research institutes. The unit shares the vast world of the Smithsonian with millions in the United States and abroad through quality television and radio programs, exhibition videos, and on-line media.

This year, Smithsonian Productions presented “The Mississippi: River of Song,” the largest multimedia project in the Institution’s history. The centerpiece was a four-part television series that premiered in January 1999 on PBS stations nationwide, taking viewers on a musical journey down the Mississippi River, from the north woods of Minnesota to the Gulf of Mexico. Produced with the cooperation of the Center for Folklife and Cultural Heritage, the project also included a seven-part radio series broadcast nationally on Public Radio International, a two-CD set issued by Smithsonian Folkways, a companion book, and extensive educational materials distributed via the project Web site. With major funding from Kajima Corporation, Hitachi, Ltd., the Corporation for Public Broadcasting, and PBS, the series was co-produced with the Filmmakers Collaborative of Boston.

Smithsonian Productions also produced a variety of programs for Smithsonian exhibitions. The video Woody Guthrie’s Legacy accompanies the Smithsonian Institution Traveling Exhibition Service exhibition “This Land Is Your Land: The Life and Legacy of Woody Guthrie.” For the Lemelson Center for the Study of Invention and Innovation at the National Museum of American History, the unit produced two videos and a puppet show for young people on African American inventor Lewis Latimer. Titanic Mail, produced for the National Postal Museum, is the first close look at the five mailroom clerks and the 6 million packages and letters that went down with the RMS Titanic.

Office of Communications

David J. Umansky, Director

The Office of Communications is responsible for the public face of the Institution. Its Office of Public Affairs (OPA) is dedicated to media relations, publications, and public relations. The Visitor Information and Associates’ Reception Center (VIARC) serves the millions of people who visit the Smithsonian each year.

Office of Public Affairs

The Office of Public Affairs, part of the Office of Communications, collaborated with the National Museum of American History to create and implement a plan to encourage media coverage of the Star-Spangled Banner Preservation Project. From the beginning, this project was of intense interest to the public, especially museum visitors, the media, and the White House Millennium Council, which selected the flag as a centerpiece of its Save America’s Treasures campaign.
The first media "event," held in October, was the infrared examination of the flag by National Aeronautics and Space Administration scientists. The after-hours taking down of the flag was shared with national television via a video news release sent out on satellite the following afternoon. Science media had a briefing on the project and a tour of the special conservation lab where the flag is installed for three years.

OPA provides regular support for the public relations efforts of Smithsonian museums and offices. This year’s projects included publicity and an advertising plan for "Microbes: Invisible Invaders. Amazing Allies" in the International Gallery. The exhibition brought record numbers of visitors to the S. Dillon Ripley Center and additional evening visitors to other museums that were part of the Summer Science Nights on the Mall program. In addition, OPA played a leading role in the publicity campaign surrounding the ground breaking for the National Museum of the American Indian on September 28.

The office continued implementation of the Smithsonian’s new visual identity program, which was initiated last year with the introduction of a new logo, by working with staff around the Institution to apply the logo to everything from brochures and newsletters to product labels, signs, and stationery.

Three publications produced by OPA won First Place in the National Association of Government Communicators’ publications competition: Smithsonian Year 1997, jointly produced with Smithsonian Institution Press; Smithsonian Institution Research Reports, a quarterly newsletter; and The Torch, the monthly employee newspaper. During the year, OPA produced two additional brochures to assist visitors in touring the Smithsonian—an update of “Smithsonian Access,” a guide for disabled visitors, and a visitor brochure titled “Exploring African American Heritage at the Smithsonian,” which was supported by a grant from the Educational Outreach Fund administered by the Smithsonian Office of Education.

As part of OPA’s Institution-wide promotion program, the office bought commercial time for six months beginning in September on WTOP radio, the dominant news-talk station in the Washington area. The station’s listener demographics match those of Smithsonian visitors, Associate members, and donors. The spots, called “Inside the Smithsonian,” were broadcast every Friday morning during drive time and featured information for area residents on everything from what’s new at the museums to the latest artifact acquisition. To promote the museums’ fall season of exhibitions and programs, OPA ran two half-page advertisements in the Washington Post’s fall preview section on Sunday, September 12.

Near the end of the fiscal year, the Board of Regents was ready to name a new Smithsonian Secretary, and OPA handled the September 13 announcement in the Enid A. Haupt Garden and the publicity for the event. Secretary-designate Lawrence M. Small’s biography and other materials were available to staff, the public, and the press.
edged in the annual *Torch* supplement. The annual Smithsonian-wide volunteer survey documented a total of 5,408 volunteers who contributed some 475,597 hours of service to the Institution during fiscal year 1999. Appreciation events for each of VIARC’s volunteer groups were held with the Secretary speaking at both the winter and spring events.

Some 6,000 comment forms received from visitors/callers were processed and referred to the appropriate museums/programs for information and handling.

Postal and electronic public mail inquiries numbered 34,958. Electronic correspondence continued to escalate (15,585) reflecting an 80 percent increase over FY 1998. Almost two thirds of the electronic requests (9,776) were handled on-line. All preprinted resource materials (100+) were updated or revised at least twice during the year. Thirteen new fact sheets/bibliographies were created/uploaded to the World Wide Web. The *Sales Reference List* was updated and published quarterly. Outgoing responses to both mail and phone requests for information numbered more than 75,700. Documented public phone traffic handled through VIARC numbered 287,300 calls. (This figure is lower than the traffic actually handled because system crashes and the installation of the new Lucent phone program and hardware destroyed large segments of data.) Activities resulting in a high volume of telephone calls included “Star Wars” at NASM, “Van Gogh” at NGA, the Freer film series, *Everest* at the Langley Theater, and the NATO weekend.

In FY 1999, 1,224 volunteers were active in the Behind-the-Scenes program, contributing more than 171,437 hours of service in departments, divisions, and offices across the Institution. Translations completed for staff members by the program’s translators numbered 116 in 13 languages. One hundred twenty-seven new requests from staff for project assistance were received during the year, bringing the total number of projects on file to 557.

Efforts to address the Institution’s accessibility and cultural diversity goals were ongoing. Volunteer recruitment efforts continued to be successful in reaching a broad cultural pool. Of all new Volunteer Information Specialists and Behind-the-Scenes Volunteers, 24 percent and 30 percent, respectively, represented minority constituencies. VIARC staff played leadership roles on planning committees for all Heritage Month celebrations. Tours of the SIB were offered in Spanish during Hispanic Heritage Month and on a request basis throughout the year. The Tourism Outreach Coordinator attended the annual La Cumbre marketplace to promote travel to the Institution D.C. from Latin America. Efforts to further accessibility were numerous, including initial planning to accommodate two blind and one low-vision candidate for the Volunteer Information Specialist corps; the design and installation of the new NMNH information desk; supply of WP and ASCII copies of the SI and Access brochures to all information desks for distribution to the public; uploading all Heritage Month activities to the Web; promotion of same in the Information Center theaters, via special recordings and through quarterly “Samplers” mailed in previsit packets; and redesign of the video cover for *Guide to the Smithsonian.*

Greater use of technology enabled VIARC to streamline internal and external communication and to facilitate ongoing information service responsibilities. Information resources (monthly exhibition directories, calendars, and other reference materials) were produced in hard copy and made available on-line to staff and volunteers through VIARC custom programs and to the public via the Web. Information on some 1,758 public programs was edited and formatted for the chronological calendar alone. Increased use of the capacity to produce “flash notes” through our in-house Info-Tools program alerted staff and volunteers to last-minute changes in information reducing previously required hard-copy memoranda by over 40 percent. In addition, moving the Information Center’s interactive program from laser disk to hard drive reduced text entry from three programs to one, eliminating reformatting for separate programs, thus lessening the chance for error and saving hours of repetitive work and proofing time.

VIARC printed 26 publications using outside vendors and produced 62 in house including a new style manual and special Folk life binders. The *Guide to the Nation’s Capital and the Smithsonian Institution* was updated and redesigned. A 50 percent increase in requests to review SI information in outside publications occurred boosting the annual total to 5.4.

Estimates indicate VIARC served some 400,000 visitors a month via the Web. Up-to-date information was available on planning a visit, new exhibitions, public programs, and answers to frequently asked questions. In addition, the *Encyclopedia Smithsonian* Web site, created and maintained by VIARC, functioned successfully as an index to the Smithsonian’s vast resources and was the recipient of a second Dow Jones Business Directory “Select Site” award. Some 225 fact sheets/bibliographies were available to the public from the *Encyclopedia* site, which continued to be a work in progress.

On the tour and travel front, quarterly mailings to promote Smithsonian activities were sent to some 1,600 domestic/international tour operators, and 400,000 *At A Glance* leaflets were distributed to hotels/motels/information centers and travel agents. VIARC represented the Smithsonian at the three major travel trade shows, NTAA, TIAA, and ABA, and also attended La Cumbre. A total of 290 tour operators requested and received meetings with VIARC’s Outreach Coordinator. Significant time and effort were expended assisting SITES, NMNH-Discovery Center/Johnson Theater Everest and the Craft Show in promoting their activities to the travel industry with very positive results.

The NATO 50th Summit presented the most taxing problem of the year. To advise travel industry contacts of limited National Mall access and minimize the impact on clients, an “urgent” informational memorandum was sent to some 1,000 tour operators; faxes were sent to NTAA online, ABA, D.C. Concierge, WCV, the D.C. Chamber and TravelFile.

VIARC cohosted with WCV an educational breakfast seminar for participants traveling to La Cumbre and worked with SITES to host a reception for D.C. Concierge to promote “Microbes.”

Work continued with the Downtown D.C. Business Improvement District (DBID) signage committee. Text was
prepared for the 88 pedestrian directional signs scheduled for installation in the National Mall area. The latter received the approval of the Under Secretary.

Office of Special Events and Conference Services

Nicole L. Krakora, Director

The Office of Special Events and Conference Services (OSECS) offers its knowledge and expertise to organizations throughout the Smithsonian, producing events that provide donors, guests, and visitors with memorable, positive experiences, which serve to cultivate continued support for the Institution. OSECS made possible nearly 400 events and scientific conferences this year, many of them for the Board of Regents, the Secretary, senior Smithsonian staff, and the Office of Membership and Development. Over the last five years, and following a change in office mission, the number of events OSECS produces each year has more than doubled.

The ground-breaking ceremony for the National Museum of the American Indian capped a year of high-level activities. Throughout the year, OSECS produced events for visiting dignitaries, including a reception and a meeting for the president of Colombia, hosted by the Office of the Provost; a benefit fund-raising reception on the occasion of the visit of His Holiness, the Dalai Lama of Tibet, hosted by the Center for Folklife and Cultural Heritage; and a dinner in honor of the president of the Republic of Panama, hosted by the Smithsonian Tropical Research Institute.

Opening receptions were held for a number of exhibitions, including “From Bento to Mixed Plate: Americans of Japanese Ancestry in Multicultural Hawai`i,” hosted by the Office of the Provost, and “Microbes: Invisible Invaders, Amazing Allies,” hosted by the Office of the Provost and the International Gallery. A luncheon marked the opening of the Folklife Festival, and a press conference and luncheon hosted by Smithsonian Productions celebrated the premiere of the Smithsonian television series “The Mississippi: River of Song.” Fund-raising events included the Anacostia Museum’s annual benefit masquerade ball, Carnival ’99.

Meetings and conferences included the National Conference on Cultural Property Protection in Los Angeles, hosted by the Office of Protection Services; meetings and a luncheon for the President’s Committee on the Arts and the Humanities, hosted by the Secretary; and activities in conjunction with the Board of Regents meetings, hosted by the Secretary.

Among numerous events produced for the Office of Membership and Development were the annual James Smithson Society and Smithsonian Treasures weekends, as well as activities associated with meetings of the Smithsonian National Board and the Smithsonian Corporate Membership Program.

Office of Government Relations

Don Hardy, Director

Although always a priority of the Office of Government Relations, efforts to educate members of Congress and their constituencies about the abundance of Smithsonian outreach programs were significantly accelerated. Secretary I. Michael Heyman’s determination and his success in bringing the Institution’s collections and professional expertise into local communities have resulted in a greater congressional understanding of the Smithsonian’s range and depth and, as important, an appreciation of its commitment to public service. By emphasizing the educational components of the Institution’s museum and research activities, Government Relations staff are stressing the practical and immediate public benefit of Smithsonian programs and enlisting congressional assistance in making these program opportunities and educational materials available to their communities.

Operations Directorate

The many different organizations that make up the Smithsonian depend on the internal framework of services provided by Washington-based administration, facilities, finance, and information technology staff. These services support and promote effective management throughout the Institution. This year, several offices in the Operations unit concentrated on strengthening their own operations through refined organizational structures, effective use of technology, and improved service to the Institution’s museums, research institutes, and offices.

Efforts to strengthen internal financial services included organizational changes in the Office of the Comptroller, along with the hiring of Edward Knapp as comptroller. The Office of the Chief Financial Officer developed a report to better inform senior management about the Smithsonian’s financial condition and began investigating the implementation of a new financial system. The Office of Planning, Management, and Budget put in place the final modules of the integrated electronic Budget Management, Planning, and Policy System (BUMPPS).

The Office of Protection Services (OPS) made significant progress in advancing the Smithsonian’s strategic plan for replacing the Smithsonian Institution Proprietary Security System (SIPSS) and upgrading and integrating the security systems throughout Smithsonian museums and facilities. In partnership with the U.S. Army Corps of Engineers, OPS developed a master plan that outlines the technical specifications for a new integrated security system. In fiscal year 1999, OPS developed and implemented a comprehensive Y2K contingency plan for the electronic security system. Replacement of SIPSS in the National Air and Space Museum, Arts and Industries Building, Smithsonian Castle, and Hirshhorn Museum and Sculpture Garden was initiated and was scheduled for completion in December 1999. OPS also began the
designs for SIPSS replacement in the National Museum of Natural History, Central Control, and the Museum Support Center. The Smithsonian Tropical Research Institute is under design for that facility’s first technical security system. With continued funding through fiscal year 2002, OPS is on schedule for complete SIPSS replacement within calendar year 2002.

Digital imaging possibilities continue to expand, as the Office of Imaging, Printing, and Photographic Services (OIPPS) began offering color prints made from digital image files and produced on photographic-quality digital printers. For the first time, OIPPS used all-digital imaging techniques to document remote fieldwork. National Museum of Natural History researchers recorded images with a high-quality digital camera and processed them on the spot in a laptop computer.

The Office of Equal Employment and Minority Affairs enhanced its capacity to track the effectiveness of the Smithsonian’s staff recruitment efforts. This office also launched a Web site that gives small and disadvantaged businesses convenient access to information about doing business with the Smithsonian (www.si.edu/oeema/sdbu.htm).

For the Office of Physical Plant, the ground-breaking ceremony for the National Museum of the American Indian’s Mall signaled the start of a major construction project. Design of the National Air and Space Museum’s Dulles Center was completed, and the replacement of the museum’s skylights and windows continued. At the National Museum of Natural History, the new 80,000-square-foot Discovery Center opened to the public, and restoration of the museum’s Rotunda was in progress. The Folger Rose Garden, offering year-round interest with roses, annuals, perennials, and woody plants, opened as a permanent addition to the Smithsonian landscape.

Office of Equal Employment and Minority Affairs

Era L. Marshall

Fiscal year 1999 for the Office of Equal Employment and Minority Affairs (OEEMA) was marked by continued emphasis on, and improvement in, advocating, facilitating, overseeing, monitoring, and reporting on all aspects of equal opportunity in the Smithsonian Institution’s employment and business initiatives and relationships.

OEEMA made solid progress in reducing the backlog of EEO counseling cases to improve services to customers involved in the informal and formal aspects of the EEO complaint process. Mid-point (February) into the second quarter of FY 1999, the office had completed all of its pending EEO counseling cases, an achievement in line with a goal expressed a few years ago in the Five-Year Strategic Plan. Although an EEO office will always have new cases to process, we are convinced that our simplification of intake procedures, increased reliance on networking with such SI partners as the Ombudsman, the Employee Assistance Program, and Labor Employee Relations, advocacy and use of mediation to produce settlements, and a continued use of internal staff to produce succinct and helpful Reports of Investigation have all contributed to our ability to resolve workplace disputes.

The mandatory “diversity action plans” required of units with 25 or more employees, which provide information used in OEEMA’s annual “Accomplishment Report for Diversity Action Plans,” detail unit initiatives in equal employment and provide OEEMA with one of the Institutional standards used in monitoring and evaluating the professional performance of SI Directors.

A major emphasis in FY 1999 was to refine, improve, and monitor our applicant flow database to ensure affirmative employment/diversity recruitment and hiring and to analyze Institutional trends by means of weekly, quarterly, and annual “applicant flow analysis reports.” We have collaborated closely with OHR to produce a new “applicant survey form,” which has already resulted in increased use by job applicants.

OEEMA further promoted diversity/affirmative employment goals of the Smithsonian by sharpening and expanding its Prevention of Sexual Harassment (POSH) database to gain a better understanding of the units and employees who need to take the training. We continue to make significant inroads in providing training for all SI employees in this very significant area that often provides the basis for filing EEO complaints.

OEEMA launched a SDBU Web site on SI’s Internet Web page to make SDBU information easily accessible to small and disadvantaged businesses (SDBs) via the Internet Web page. The site includes information on doing business with the Smithsonian, the annual forecast of upcoming contracting opportunities, a link of SDBs to register their information electronically in the SDB database of vendors, copies of SI notices posted in the Commerce Business Daily, and other information.

OEEMA hosted the second in its series of focused small-business procurement fairs in November 1998. The fair focused on industrial supply vendors, and more than 70 SI staff members from various units met and networked with nine exhibitors. We have also initiated the planning process for the next fair, which will feature small exhibit supply vendors. SDBU also reports the Smithsonian’s yearly contracting achievements relating to small, disadvantaged, and woman-owned businesses in the “Contracting Achievement Report” to the Small Business Administration.

Through its SDBU Program OEEMA continues to partner with OPP, which generates approximately 70 percent of the Smithsonian’s total contractual expenditures. Over the last fiscal year OEEMA organized numerous site visits to construction projects completed by these firms, and these efforts contributed to the awarding of three new 8(a) open-term contracts. We also coordinated training and education efforts with OCon, to include participation in OCon’s “informational briefings” to SI staff with delegated procurement authority. OEEMA also worked with OCon to train SI staff who took part in OHR’s “training for new supervisors” on
contracting procedures and SI’s policy in doing business with SDBs. We participated in OCon’s procurement policy committee meetings to ensure that SDB interests were considered in new SI policy initiatives.

The OEEMA Director and staff members served on important internal and external committees, councils, and advocacy organizations to provide advocacy for, and to promote, the Institution’s diversity/affirmative employment goals. The OEEMA Director chaired the Council of Administrative Services Directors throughout the fiscal year. In addition, she participated, along with appropriate staff, in a number of Employee Relations Working Group meetings to discuss overlapping EEO issues in OHR, labor relations and OGC, and various attempts to resolve them. The Director and/or the SDBU Program Manager participated in monthly OSDBU (Offices of Small and Disadvantaged Business Utilization) Interagency Council meetings. The Small and Disadvantaged Business Utilization (SDBU) Program Manager also chaired the OSDBU Directors Interagency Council’s SBA Working Group meetings.

During FY 1999 OEEMA provided advice and assistance to 330 employees and 178 management officials. The following were leading issues which the Director, OEEMA’s cadre of EEO counselors, and qualified mediators worked to resolve over the fiscal year: selection/nonselection, promotion, nonpromotion, sexual/nonsexual harassment in the workplace, hostile work environment, proposals to suspend/remove, termination, reprisal/retaliation, performance evaluations/ratings, disparate treatment and perceptions thereof, time limits in the EEO process, the status of individual EEO complaints, the status of EEO investigations, the ADR process and procedures, settlement issues and procedures, performance evaluations/ratings, work duties and responsibilities, and employee/managerial rights and responsibilities.

The OEEMA Director attended a meeting on September 29, 1999, with OGC officials and the Office of the Under Secretary to discuss new EEOC regulations and their effect on the federal sector. We met with the SI Ombudsman to address issues not covered under Title VII.

The OEEMA Director and the Precomplaints Program Manager participated in a meeting with SI Archives and OGC personnel on July 26 to discuss when reports of investigation should be destroyed.

The OEEMA Director and the Precomplaints Program Manager participated in an EEOC briefing on July 21 to discuss ways to improve efforts to eliminate and prevent discrimination in the federal workplace and the impact of revised EEOC regulations on the federal sector.

During FY 1999 OEEMA received 457 telephonic requests for assistance/information from employees and managers, and 170 office visits. At the end of the fourth quarter only 14 requests for counseling were carried over.

Our counseling and assistance efforts encompassed a wide range of units, including OPP, MSC, SERC, NASA, NZP, NMNH, OMD, Ocon, CFCS, etc., where we focused individual advice and assistance efforts to resolve issues, including hostile work environment, harassment, health, safety, promotions, and reasonable accommodations.

OEEMA attended a meeting between members of the Quality of Workplace Review Committee and the National Council of La Raza to seek assistance in publicizing the Smithsonian’s co-op initiative to recruit Hispanic applicants.

Thirty-four formal complaints were filed during FY 1999. Forty-two formal complaints were closed during the fiscal year; 26 complaints were open at the end of the reporting period. Of the 42 closures, there were 15 dismissals, 1 withdrawal, 13 settlements, and 13 final agency decisions (FADs), including those with and without a hearing. Of the 13 FADs, no discrimination was the finding in each.

Four of the 13 final agency decisions were without hearings; 9 of the 13 were with a hearing. The Smithsonian accepted all 9 recommended decisions of the administrative judges.

At the end of the fiscal year, 3 complaints were pending written acknowledgment of receipt; 16 investigations, 32 hearings, and 21 FADs were pending in inventory.

Relevant OEEMA staff members participated in a series of Smithsonian alternative dispute resolution program meetings over the fiscal year and it was agreed that presentations would be made to each museum/bureau and each Smithsonian Council.

OEEMA staff members participated in a meeting on December 1, 1999, to develop a roll-out plan for the alternative dispute resolution process under development by OHR.

During FY 1999 34 investigations were closed; 19 investigations were closed by one OEEMA staff member. At the end of the fourth quarter, 10 investigations were being conducted. Of these, 2 were being conducted by one OEEMA staff member.

With the assistance of a summer employee, new filing systems and an electronic database for formal complaints were refined. These are ongoing initiatives into the new fiscal year.

OEEMA prepared the FY 1999 “Accomplishment Report on Diversity Action Plans” for units with 25 or more employees. The report was provided to the Provost and the Under Secretary and is being used to evaluate SI Directors’ equal employment opportunity performance. We assisted EEO officers in OPS, OMPB, NPM, OMD, NMAH, and AAA in the development of their unit diversity action plans.

We participated in a November 12 meeting to evaluate OHR’s pilot mandatory training program for new supervisors, providing information on the training and suggesting ways to improve its effectiveness. We worked with NMNH to advise and assist in evaluating progress in meeting mandatory requirements for the training as well as for the Prevention of Sexual Harassment briefing. In addition, we proposed ways to improve attendance at these courses.

OEEMA met with the Director, Center for Latino Initiatives, to discuss the hiring, recruitment, and retention of Latino employees.

The Diversity/Affirmative Employment Program Manager served as OEEMA’s representative on the planning committee for the SI Secretary’s Day of Excellence, in tandem with the Executive Director, Office of the Under Secretary, the Director of OSE, and with staff from OHR and
OEMS. The committee developed publicity and nominations criteria. The Day of Excellence was held on June 15, 1999, and was very well received.

On April 2, 1999, we met with the Deputy Director, NMAfA, to discuss a diversity roundtable for supervisors. Further discussion, led by OEEMA's Diversity Program Manager and NMAfA's Deputy Director, was held on April 13.

The Diversity/Affirmative Employment Program Manager participated as a speaker at an in-service meeting of the Smithsonian's Occupational Health Services Branch on May 27. The topic of discussion was "An Update on Providing Reasonable Accommodations." We briefed OHR's personnel management specialists on reasonable accommodation issues to include information on how to verify an individual's disability, the process for determining reasonable accommodations, and special hiring authorities for people with disabilities.

We attended EEOC's Technical Assistance Program on August 4. Topics included the impact of recent Supreme Court decisions on ADA and harassment cases and their impact on implementing EEO laws.

We met with OHR staff on August 18 to discuss internal procedures for processing reassignments based on disability. This committee was established in response to an OEEMA briefing on EEOC's new ADA guidelines.

We met with OHR's Chief, Recruitment and Training Branch, on August 23 to develop a request for training data within OEEMA's Call for Accomplishment on Diversity Plans.

The Smithsonian's new applicant survey form was developed and coordinated with relevant SI units and will be implemented in FY 2000.

The Director and the Special Emphasis Program Manager met with an OHR official on May 4 to request that a statement be included in OHR's notification to applicants that would highlight the importance of submitting information on race/gender through proper completion of the "Background Survey Questionnaire."

We worked with the Assistant Director for Operations, OHR, to add a diversity awareness statement and change the wording from "EEO approval" to "EEO review" on the selection certificate. A total of 459 certificates were reviewed during FY 1999. A total of 1,046 selections were processed.

OEEMA revised the tracking system for applicant flow. We devised a new way to record senior-level positions, ethnicity, promotions, and selectees who have changed series, as well as qualified applicants, referred applicants, and comments. We continually analyze the data to determine the impact of the Smithsonian's recruitment and hiring trends. A total of 260 records were added to the database in the fourth quarter. We also generated an improved and more comprehensive report for the weekly review of recruitment trends, the "Applicant Flow Analysis Report."

The OEEMA Barrier Analysis Team researched and prepared narratives and graphics on applicant flow senior-level historical trends.

Selecting, reviewing, adapting, and presenting a training module to provide mandatory Prevention of Sexual Harassment training for Smithsonian employees was a major and ongoing initiative for the fiscal year. We developed a plan for the POSH refresher module as well. The training was presented to more than 177 employees at SI Retail, NASM, OPS (including OPS New York and summer hires), and SERC (NY) employees. We also improved and enlarged the POSH database to include 1,976 records. A total of 1,740 records were added in the last quarter. We also assisted OPS training staff on May 10 to correct their POSH and "EEO for Supervisors" databases. The databases were used by OPS to ensure that personnel participated in the required training modules.

OEEMA presented four briefings for the OHR-sponsored New Employee Orientation Program to advise recently hired employees of the office mission, programs, and contact information.

OEEMA worked extensively with employees and supervisors of a number of units to reasonably accommodate disabled employees and to address other workplace issues.

OEEMA continued to coordinate training and education efforts with OCon. This included participation in each of OCon's quarterly informational briefings to SI staff with delegated procurement authority. Along with OCon we also trained SI staff who took part in OHR's Training for New Supervisors on contracting procedures and SI's policy in doing business with SDBs. We participated in OCon's procurement policy committee meetings to ensure SDB interests were considered in new SI policy initiatives. We also organized regulation meetings with OCon management to discuss various issues, including renewal of our memorandum of understanding (MOU) with the Small Business Administration (SBA), which delegated 8(a) contracting authority, discussed FY 1999 contracting achievements, and obtained input on SI's FY 2000 procurement goals.

We continued to work closely with the SDB liaisons, particularly at the larger bureaus of NMAH, NMNH, and NASM. We obtained their assistance in organizing procurement fairs which were held at NMAH (FY 1998) and NMNH (FY 1999). We provided a comprehensive overview of the SDBU Program to NASM fund managers. The NMAH SDB Liaison was awarded the Secretary's Award for Excellence in SDB Utilization. We also organized two meetings of the liaisons during the year to discuss the SDBU Web site and other topical issues.

We continued to participate in the OSDBU Directors Inter-Agency Council monthly meetings and also participated in several special meetings called by the SBA or the Office of Federal Procurement Policy to discuss topical issues. The OSDBU Program Manager chaired the Council's SBA Working Group and held quarterly meetings to discuss SBA programs. We participated and staffed exhibit booths at several local and national SDB conferences. Over the fiscal year we provided advice and assistance to more than 356 representatives from more than 350 firms and had individual meetings with approximately 60 of these firms.
Subcontracting is becoming more important as the size of the average contract rises due to consolidation and larger construction projects. During the year we evaluated three new subcontracting plans submitted by SI prime contractors and monitored performance on six existing large contracts. We also had extensive discussions and meetings with the U.S. Army Corps of Engineers, which is contracting with various large and small businesses via its multiyear MOU with the Smithsonian to upgrade SI’s security systems.

Office of Facilities Services

Richard H. Rice, Jr., Senior Facilities Services Officer

The Office of Facilities Services, along with other organizations in the Facilities Services Group, focused much attention to managing for results and strategically aligning the entire organization to move toward a more performance-based, customer-oriented system. The Office also led the strategy to increase funding for repair of the Smithsonian’s physical plant, which resulted in appropriation of $47.9 million for FY 2000, including repairs at the National Zoological Park.

Office of Physical Plant

Michael J. Sofield, Director

The Office of Physical Plant creates and maintains the infrastructure and environment within which the Smithsonian museums, research institutes, and offices pursue their goals. The work of the office includes capital construction projects; repair, restoration, and alteration of buildings; crafts and trade work to maintain facilities; operation of utilities systems; landscaping and gardening for Smithsonian properties, transportation and mail services; and architectural research and historic preservation. Ken Olmsted joined the office as Deputy Director in 1999. During the year, the office maintained its emphasis on projects that support repair and restoration of Smithsonian facilities and broke ground for the National Museum of the American Indian Mall Museum.

Office of Protection Services

David F. Morrell, Director

Deriving its legal authority from Title 40, U.S. Code, Section 193, the Office of Protection Services (OPS) has as its mission, “Protecting and securing the National Collections and other properties entrusted to the Smithsonian Institution and ensuring the safety and security of staff and visitors, while permitting an appropriate level of public access to collections and properties.”

During this year, the Office of Protection Services recruited and hired 131 Museum Protection Officers (MPOs). The OPS Training Division conducted seven two-week basic training courses for all new MPOs. The two-week training courses focused on basic security operations within a museum setting. OPS continued its contract with Wackenhut Services Incorporated to provide supplemental training to OPS staff. In a two-day MPO refresher course developed by OPS and Wackenhut, 500 MPOs received refresher training. OPS and Wackenhut also conducted 11 two-day Supervisory Security Officer refresher training courses for 150 supervisors. In addition, OPS contracted with Wackenhut to provide three five-day administrative training courses for 75 administrative personnel and one five-day supervisory administrative course for 20 administrative supervisors.

In April 2000, OPS worked closely with the U.S. Park Police and the Washington D.C. Metropolitan Police Department in implementing citywide security precautions during the 50th anniversary of the United Nations held at the Department of Commerce near the National Museum of American History.

Also this year, Francis Roche was selected as Assistant Financial Management Officer in May 1999. David Voyles was selected as Chief of the Audits and Compliance Office in August 1999. In addition, Howard Blum was selected as Chief of the Security Services Division in August 1999.

In our continuing effort to upgrade and modernize security systems throughout the Smithsonian, OPS continued to work closely with the U.S. Army Engineering Support Center, Huntsville, Alabama. During this year, OPS evaluated and selected two modern off-the-shelf electronic security management systems, responsive to the Smithsonian’s need to replace the Smithsonian Institution Proprietary Security System. OPS also worked to ensure that the Institution was prepared to meet the technological requirements for the year 2000. OPS also worked closely with the Smithsonian’s Office of Physical Plant to complete the design and installation of a new security system for the National Museum of the American Indian Cultural Resources Center. In addition, OPS completed engineering designs and began system replacement installation at the National Air and Space Museum, Hirshhorn Museum and Sculpture Garden, Arts and Industries Building, Smithsonian Institution Building, and Renwick Gallery.

The National Conference on Cultural Property Protection was held in Los Angeles, California, from March 7 to 11, 1999. The conference was cohosted by the J. Paul Getty Trust. For over 20 years, this self-supporting conference has provided an opportunity for the diffusion of knowledge among security, library, and administrative professionals. The theme for the conference was “Cultural Property Protection From the Ground Up.” The conference attracted close to 300 participants from the United States, Canada, and abroad.
Office of Contracting

John W. Cobert, Director

During fiscal year 1999, the Office of Contracting continued to be the central office for advisory and assistance services to the Smithsonian Institution museums, research institutes, and offices (units) on contracting and procurement requirements. These services were provided directly by the Office of Contracting staff, and indirectly through the over 400 individuals at 66 Smithsonian units who have been delegated authority by the Director of the Office of Contracting to make transaction commitments on behalf of the Smithsonian Institution. Administrative and program support to the Smithsonian units was also continued in FY 1999 by the Administration Division through the activities of the Travel Services Branch and the Property and Inventory Management Branch.

Under the guidance of Office of Contracting staff, necessary actions were completed by the units, or in the Office of Contracting, for the formation and administration of business transactions involving most of the Smithsonian’s appropriated federal and Institutional trust funds that were obligated during the fiscal year. Major contract awards by the Federal and Trust Fund Contracting and the Renovation and Construction Contracting Divisions during FY 1999 included a contract for renovations to the Castle and to the Arts and Industries Building, and a contract for renovations to the Carnegie Mansion and Miller Fox townhouse of the Cooper-Hewitt, National Design Museum. Contract administration was continued for completion of the Cultural Resources Center (CRC) of the National Museum of the American Indian located in Suitland, Maryland, which was opened in February 1999.

The Business Contracting Division provides advisory and planning support services to the Smithsonian units for income-generating contracts and special business relationship agreements. During FY 1999 the Business Contracting Division completed agreements for some of the Smithsonian-sponsored events that were part of the “Millennium on the Mall” celebration. An agreement to purchase the Victor Building was also developed and negotiated with the assistance of the Business Contracting Division staff.

The Procurement and Training Branch continued to conduct and sponsor procurement-related training courses in FY 1999. These courses were designed to provide staff at the Smithsonian units with information to assist in effective and efficient management of the decentralized procurement program, as well as to support unit responsibilities for developing and managing contracts. During FY 1999, the Office of Contracting was able to accommodate 425 participants at the 19 training courses that were conducted. The courses covered six different topics.

The Travel Services Branch completes travel arrangements and provides carrier-ticketing services for Smithsonian employees. There were 10,758 transactions completed by the Travel Services Branch during FY 1999. Transactions cover tickets issued and allowable refunds for travel that was not completed. In November 1998, the Travel Services Branch issued information and guidance to Smithsonian staff regarding the change of employee travel card provider that was effective at the end of the month. Ms. Judith Petroski, Travel Services Branch Manager, met with the Smithsonian Administrative Officers to advance information regarding the travel card provider procedures and the commensurate changes to the Smithsonian’s travel card policy and coordination practices.

Among the services that the Property and Inventory Management Branch staff provided to the Smithsonian units during FY 1999 was to tag and record more than 2,200 items of accountable property. Other services provided included delivery of approximately 6,100 items to the Smithsonian units that involved 2,700 trips by the central warehouse staff.

The Office of Contracting staff is dedicated to providing quality services to our clients to assist in furthering the mission of the Smithsonian Institution. We shall continue to do our very best to assist in bringing to fruition the world-class exhibits, programs, and services that the public enjoys, and has come to expect, from the Smithsonian Institution.

Office of the Treasurer

Sudeep Anand, Treasurer

The Office of the Treasurer (OT) is responsible for ensuring the growth, safety, and integrity of the Smithsonian’s financial assets, developing funding for major new Trust projects, and preserving and protecting its operations, collections, facilities, and other assets.

OT manages the Institution’s Endowment and working capital funds. The overall objectives of the Endowment are to provide a stable, growing stream of payouts for current expenditures while protecting the purchasing power of the Endowment. Investment of the Endowment to ensure that it grows more rapidly than inflation contributes importantly to the financial strength of the Institution. In 1999, OT managed over $700 million in assets.

OT is responsible for the evaluation, structuring, and funding of major Trust projects. The disciplined evaluation of new projects ensures that the Institution manages its capital responsibly. The effective structuring and funding of major projects provides the wherewithal to undertake the major building (and other) projects, which are required to dramatically increase the public impact of the Smithsonian. In 1999, OT was actively involved in the NASM Dulles Center project.

OT is also responsible for the risk management, insurance, and disaster preparedness planning programs of the Institution.

The risk management program identifies the risks inherent in dealing with large audiences, research activities, and the businesses of the Smithsonian. The insurance programs are designed to complement the federal immunities in protecting the Institution against this broad range of risks. In
FY 1999, insurance claims were kept at a minimum and collection insurance was purchased at less than .0042 per $100.

The disaster preparedness and continuity planning programs are aimed at minimizing the damage from emergency situations. The Institution-wide programs emphasize the protection of staff and visitors, collections, and research materials; the recovery and restoration of assets; and the resumption of operations in an organized, efficient, and timely manner. These contingency plans protect the financial strength of the Institution and allow the Institution to minimize the impact of unforeseen emergencies on the Institution’s public outreach and scientific research activities. In 1999, OT served on the Under Secretary’s special committee on Y2K. OT also obtained the services of an internationally known continuity planning expert who provided an executive-level presentation for upper management at SI.

Office of Information Technology Operations

George Van Dyke, Director

The Director of Information Technology Operations is responsible for planning and managing the implementation, day-to-day operation, maintenance, IT security, and disaster recovery of the Smithsonian’s information technology infrastructure, including end-to-end network connectivity operations and technical support services: Help Desk, office automation, and desktop support services; the Smithsonian’s computer facilities; system and data base software; and Internet/Intranet services.
Report of Development and Membership

Robert V. Hanle, Executive Director for Development

Building Momentum for Tomorrow: Development and Membership

The final year of the twentieth century saw the Smithsonian developing stronger and more varied partnerships with a variety of audiences. As we build toward the public phase of our first-ever national capital campaign, these partnerships become increasingly vital to our continued health and ability to reach new audiences in innovative ways. Of course, since the Institution’s first philanthropic bequest from James Smithson, the Smithsonian has forged ties with individuals and with the business and foundation communities. This year was no different, even as the range and diversity of these partnerships expanded.

The Institution remains the sole organization of its kind in the world, a unique public-private partnership that benefits from the foundation of support of the U.S. government but flourishes and evolves through private funding. In fiscal year 1999, the Institution received more than $1.46 million from this public-private partnership. Donations from individuals constituted $94.155 million, or 64.46 percent of the total, which includes the extraordinary gift of Steven Udvar-Hazy to the National Air and Space Museum, and planned gifts such as annuities and bequests from individuals, corporations and foundations, including those established by individuals, contributed $41.5 million. Of the total raised, $130.8 million was restricted to specific programs.

For two consecutive years, private support has been significantly higher compared to previous years, and this momentum highlights both the strength of our work and the meaning our goals and programs have for audiences throughout the world. The Smithsonian is striving not just to keep pace with technological advances, but to break new ground so that the time-tested objects we hold in trust can open new stories for future generations and continue to inspire all who step through our doors today.

In this Development and Membership report, we gratefully recognize the many individuals, corporations, foundations, and organizations that have joined in partnerships with the Smithsonian this year and over the long term. Many successes are described throughout this publication. Donors of $2,000 and above from October 1, 1998, through September 30, 1999, are listed later in the publication.

Campaign Smithsonian

Much progress was realized this year in the upcoming national capital campaign in which the Smithsonian will ask the American people for their support to ensure that the Institution remains a vital national resource.

Steven Udvar-Hazy’s $60 million pledge to the National Air and Space Museum’s Dulles Center in September allowed the museum to announce its capital campaign—with a goal of $130 million—nine months earlier than anticipated. This wonderful leadership gift is the largest the Smithsonian has ever received and one of the largest ever to a museum. It signifies the personal involvement with the Smithsonian that will be key to the campaign’s success. We salute Steven Udvar-Hazy, his commitment to the field of aviation, and his pledge to work with others who have the capacity to make significant gifts toward the Smithsonian’s future.

Also this year, Smithsonian museums, research institutes, and offices began to draft their own statements of needs. We worked to formulate campaign messages and develop marketing strategies. A new Institution-wide database will help us cultivate our supporters. We launched Smithsonian Today.
a newsletter for the Contributing Membership and other Smithsonian supporters that highlights ways their giving is having an impact. New policies include an endowment policy that details different ways our friends can support the Smithsonian in perpetuity, including the establishment of academic chairs, and a policy for naming opportunities that outlines how supporters can link their name, or those of their family or loved ones, to exhibition galleries, lecture and performance halls, reception areas, and other spaces visited by millions of people each year. A donor recognition room in the Castle, now nearing completion, will recognize major gifts from individuals, foundations, and corporations—the visionary support that enables us to pursue ground-breaking initiatives and permanently shapes the future of this unparalleled Institution.

We all have a stake in this Institution, as well as an emotional connection to it, and that is the true core of partnership. While supporters receive tangible benefits, including recognition and special opportunities, at the core is an agreement between them and the Smithsonian that their support will be used wisely, advancing one of the greatest public-private partnerships the world has ever known.

Smithsonian National Board

The Smithsonian National Board continues to be one of the Institution's premier volunteer groups, serving in an advisory capacity to the Secretary and raising significant funds both for unrestricted use and for specific areas the board has targeted. This year, the board’s annual giving fund raised more than $1.5 million for a donor recognition room in the Castle, now under construction across from the Smithsonian Crypt, and a membership and donor coordination system that will have a measurable impact on the Smithsonian's ability to form meaningful relationships with supporters nationwide.

In addition to its two yearly meetings, for the first time this year the board held a February meeting, inviting chairs of all the volunteer boards and commissions across the Institution, along with directors of the museums and research institutes. The meeting was a basis for dialogue about how these important volunteers could maximize their efforts on behalf of the Institution. Secretary I. Michael Heyman delivered a keynote address on ways the wide-ranging parts of the Smithsonian relate to an organic whole. Breakout groups discussed the national capital campaign and how the boards will work together for greatest impact. The Smithsonian National Board will continue to play a leading role in the capital campaign.

Contributing Membership

The Contributing Membership continues to be a major resource for the Institution. In 1999, annual dues and additional contributions from this generous group of individuals yielded nearly $10.2 million in unrestricted funds, the highest gross income in the history of the program. This success was a result of a strategic marketing investment that generated 9,000 new members and a 12.6 percent increase in contributions from existing members. These funds can be targeted toward research, exhibitions, or other areas where support is needed.

The Contributing Membership is the fertile ground from which many of our longest-lasting partnerships with individuals emerge, and the program provides an avenue for them to further explore the Smithsonian through tours, publications, and special events. This year’s "Smithsonian Treasures," the week-long series of tours for members, took more than 50 people behind the scenes at the Smithsonian Institution Archives, the Horticulture Services Division, the National Portrait Gallery, and other areas that reflect the many facets of the Institution. Many Contributing Members also strengthened their support by moving to higher membership levels. In response to new targeted messages in their renewal letters, 54 Contributing Members upgraded to the James Smithson Society, the highest number in recent years.

The Contributing Membership also led the way to a greater philanthropic visibility on the World Wide Web and developed a Web site where visitors can make a secure gift to the Smithsonian on-line, at www.si.edu/sidonations.

James Smithson Society

As the leading circle of support through membership, the James Smithson Society continues to raise significant funds for the Institution. The society's 550 members this year gave nearly $826,000 in dues and special gifts. To enhance relationships with these members, especially in preparation for the national capital campaign, the society added a director and program coordinator this year, both committed to the program's success and growth.

The James Smithson Society Endowed Life Program welcomed new member Richard Triska. Endowed Life Members make a one-time gift of $40,000 or more. Earned income from the endowment gift supports priority initiatives across the Institution in perpetuity and the member's annual dues for the James Smithson Society. This growing program provides long-term support critical to Smithsonian planning and to the Institution's ability to serve future generations.

In the summer, a tour of "Posters American Style" and dinner with Secretary and Mrs. I. Michael Heyman brought together Smithson Society members in the San Francisco Bay area. Members also enjoyed a new program called "Food for Thought," in which curators talked with members about the Star-Spangled Banner Preservation Project, panda conservation, and the National Air and Space Museum's Dulles Center.

The Eberly Family Charitable Trust was recognized with the James Smithson Society Founder Medal at the society's annual black-tie dinner in May. The Eberly family, a long-time member of the Smithson Society, was honored for its gift to create the Eberly Minerals and Gems Gallery in the Janet Annenberg Hooker Hall of Geology, Gems, and Minerals in the National Museum of Natural History.
Highlights of Corporate Philanthropy

Partnerships with the business community are expanding as corporations recognize the many ways the Smithsonian can invigorate their employees and improve the quality of life for people across the globe.

This year, the Corporate Membership Program continued to grow and now counts 75 members who represent a wide range of industries and geographic locations. At the program’s annual luncheon in June, held at the Department of State, Smithsonian Regent Howard H. Baker Jr. awarded membership certificates to 24 new members. Polo Ralph Lauren was recognized with the annual Corporate Leadership Award for its support of the Star-Spangled Banner Preservation Project.

In 1999, the Corporate Membership Program raised more than $1 million for unrestricted use and served as a basis for further partnerships between the Smithsonian and the business community. The Institution’s successful work in this area has begun to open new doors for exchange. Many corporations entered into innovative partnerships, from Southern Company’s donation of electric vehicles to the National Zoo, to Pfizer Inc’s support of the popular interactive exhibition “Microbes: Invisible Invaders, Amazing Allies.” The generosity of the business community has a substantial and positive impact on the work of the Smithsonian, and through these partnerships, we are able to explore new technologies, reach new audiences, and study mutually beneficial approaches to our world.

To clarify guidelines whereby the Smithsonian may benefit from corporate support while maintaining its integrity and autonomy, a corporate sponsorship policy now elaborates on different ways corporations can work with the Institution.

Foundations

Foundations continued to invest in Smithsonian programs and services this year, finding through the Smithsonian a multitude of pathways for reaching different audiences. Work continues to target key programs through which the Smithsonian can leverage foundation support to make a difference to the lives of citizens of the National Capital region, around the country, and throughout the world.

The range of foundation types and the scale and focus of projects they supported were as comprehensive as the Smithsonian itself. To name a few, the John S. and James L. Knight Foundation supported the Smithsonian Institution Traveling Exhibition Service’s Museum on Main Street program, which takes Smithsonian resources to rural communities; The Eberly Family Charitable Trust created the stunning Eberly Minerals and Gems Gallery; an extraordinary resource for learning about geologic phenomena; The Hill Family Foundation supported the Hirshhorn Museum and Sculpture Garden’s “Regarding Beauty” exhibition, a 90-work show with 36 international artists that will explore the age-old concept of beauty as a topic and issue for art making; the Andrew W. Mellon Foundation supported the Smithsonian Tropical Research Institute’s plant ecological research; and the John D. and Catherine T. MacArthur Foundation funded the Center for Tropical Forest Science, which provides an overview of environmental change and conservation issues through its long-term monitoring of forest plots.

Smithsonian Benefactors Circle

In October, the Smithsonian Benefactors Circle enjoyed a black-tie dinner and gave its annual award to the Kenneth E. Behring family for its $20 million gift to the National Museum of Natural History. The gift will resonate for years to come through the museum’s renovated Behring Family Rotunda and Kenneth E. Behring Hall of Mammals, as well as through traveling programs that will raise awareness about mammals, their habitats, and their interactions with humans.

Smithsonian Women’s Committee

Once again, the annual Smithsonian Craft Show, which in 1999 was chaired by Margaret Collins, demonstrated why it remains the most prestigious juried craft show in the nation. The volunteers of the Women’s Committee, which is chaired by Millicent Mailliard, staged the spectacular event in April at the National Building Museum, bringing in record numbers of attendees and raising nearly $335,000 for the committee’s competitive grants program.

In turn, more than $319,000 from the 1998 show was distributed in the spring to an extraordinarily wide range of worthwhile Smithsonian programs, providing seed money and small grants to projects that otherwise might never leave the drawing board. From film preservation to specialized training for students, this grant program continues to fill a valuable funding need at the Institution.

Smithsonian Washington Council

The Smithsonian Washington Council is a group of area civic and philanthropic leaders working toward strengthening the Smithsonian’s ties and services to the National Capital region. Chaired by Washington attorney R. Robert Linowes, the group meets regularly with the Secretary. This year, members made a gift in support of a lecture series at the Smithsonian Environmental Research Center for the 1999–2000 season and also made several gifts for the Institution’s unrestricted use.

Smithsonian Legacy Society

The Smithsonian Legacy Society, chaired by Gloria Hamilton, also grew this year, holding its second annual luncheon and meeting at the National Museum of American History in November. The group honors supporters who carry on James Smithson’s tradition through gifts such as bequests, charitable gift annuities, and life insurance plans. This year, Legacy Society member Karl Hagen’s generous bequest benefited the National Air and Space Museum.
**Smithsonian Luncheon Group**

The Smithsonian Luncheon Group, a circle of supporters from the Washington area, meets regularly to learn about Smithsonian programs. Chaired by C. Benjamin Crisman, the group this year heard from Secretary Heyman and curators and directors about the Smithsonian’s goals and activities for the coming year. Other programs highlighted the Star-Spangled Banner Preservation Project, the latest work of the National Zoo, the “Picturing Old New England” exhibition at the National Museum of American Art, construction of the Discovery Center and renovation of the rotunda and mammal hall at the National Museum of Natural History, and the search for a new Secretary.

**Museum on Main Street**

When the Smithsonian comes to town, exciting things happen—especially when the impetus is Museum on Main Street. In more than 100 communities in 20 states, Museum on Main Street has inspired creative programs, unprecedented volunteerism, generous local philanthropy, and ambitious capital improvements. The partnership joins the Smithsonian Institution Traveling Exhibition Service (SITES), the Federation of State Humanities Councils, individual state humanities councils, and rural museums in a collaborative effort to serve rural audiences and promote professional growth in small cultural institutions.

This year, Museum on Main Street received a generous grant from the John S. and James L. Knight Foundation to support the development and tour of the program’s third exhibition. “Yesterday’s Tomorrows: Past Visions of the American Future,” which explores the ways we have envisioned our future since the late nineteenth century, will begin touring in 2001. The first two exhibitions capitalized on small-town local history: “Produce for Victory: Posters on the American Home Front, 1941 to 1945” and “Barn Again! Celebrating an American Icon.”

A significant legacy of Museum on Main Street is the opportunity for professional development. SITES provides staff assistance in exhibit management and object care. The state humanities councils train rural organizers in program planning and proposal writing. Working with in-state scholar teams, the humanities councils also help museums prepare exhibition-related events for and about their communities.

Gaty Burger, director of the Knight Foundation’s Arts and Culture Program, observes that Museum on Main Street “brings quality exhibitions to underserved communities, helps strengthen the programmatic and educational capabilities of rural institutions, and builds collaborative networks—all at a very reasonable cost.” For SITES, Museum on Main Street exemplifies the fulfillment of its mission: to extend Smithsonian collections, research, and exhibitions to communities across the nation.

**Eberly Family Charitable Trust Honored by Smithsonian Society**

Since 1978, the James Smithson Society has presented its Founder Medal to members of the society who have provided extraordinary support for Smithsonian programs and initiatives that they feel most passionate about. This year’s recipient, The Eberly Family Charitable Trust, exemplifies the tradition of individual giving, through annual memberships and gifts throughout the year, that distinguishes previous medalists.

The trust’s recent pledge of $1.4 million will be applied primarily toward creating a center for learning about earth sciences, the Eberly Minerals and Gems Gallery in the National Museum of Natural History. The gallery will be an appropriate tribute to the family’s strong interest in education—the primary focus of its philanthropy—and to its involvement in the mining and gas industry.

Through The Eberly Foundation and The Eberly Family Charitable Trust, the family has been a loyal supporter of the Smithsonian. The foundation, established through the efforts of Orville Eberly, is a longstanding member of the James Smithson Society. Family members have always been actively involved in the administration of both organizations. Robert E. Eberly Sr., who currently heads the family philanthropies, accepted the Founder Medal on behalf of the trust at the Smithsonian Society’s annual dinner on May 21, 1999.
Contributing Members

Smithsonian Benefactors Circle

The Smithsonian Benefactors Circle recognizes and honors those whose generous gifts have preserved the traditions of the Smithsonian and furthered its vision.

Honorary Founder
Enid A. Haupt

Founders
Russell B. Aitken†
Joe L. and Barbara B. Allbritton
Arthur G. Altschul
William S. Anderson
Mary Griggs Burke
Joan K. Davidson
Gaylord† and Dorothy Donnelley
Thomas M. Evans†
Katharine Graham
Robert C. and Julie Graham, Jr.
Herbert Waide Hemphill, Jr.†
William A.† and Patricia W. Hewitt†
Ikuo Hirayama
Olga Hirshhorn
Ruth S. Holmberg
Samuel C. Johnson
Marvin Breckinridge Patterson
Laura E. Phillips
S. Dillon and Mary L. Ripley†

†Deceased

Arthur Ross
Mrs. Arthur M. Sackler
Elsie Sackler
W. Mason and Jean D. Shehan
T. T. Tsui
Glenn O. Tupper

Patrons
Ronald D. and Anne Abramson
Kathleen B. Allaire
Ann Simmons Alspaugh
Peter C. and Joan Andrews
Marjorie Arundel
Herbert and Evelyn Axelrod
Edward P. Bass
Patricia and Kenneth E. Behring
Honorable Max N. Berry and Mrs. Heidi Lehrman Berry
Randy and Nancy Best
Peter and Helen Bing
James and Barbara Block
Winton and Carolyn Blount
Agnes C. Bourne and James Luebbers
Michael J. Brophy
Hildegarde Bruck
Joan Bull
George E. Burch III
Vivian G. Burch
Michael W. Cassidy
Scott Chinery
Marcus Cohn
Barber B. Conable, Jr. and Charlotte Conable
Guido Croaveri
Joseph F. Cullman, III
Peggy and Richard M. Danziger
David L. Davies
Evelyn Y. Davis
David and Frances Dibner
Charles M. and Valerie T. Diker
Joseph Di Palma
Anne G. Earhart
Barney A. Ebsworth
Robert H. Ellsworth
John L. and Margot P. Ernst
Kitty Fassett
Nancy Fessenden
Kathrina†, Juliet and Lee Folger
Rita Fraad
John A. Friede
Phillip and Patricia Frost
Tito Giamporcaro
Daniel D. and Alice P. Gilbert
George J. and Eileen D. Gillespie
F. Warrington Gillet, Jr. and
Elesabeth I. Gillet
Alfred C. Glassell, Jr.
Alvin L. Gray
Jerome L. Greene†
Barrick W. Groom
Agnes S. Gund
George Gund III
Karl H. Hagen†
Joan D. Haig
Evelyn A. J. Hall
Gloria Shaw Hamilton
Marguerite J. Harbert
Martha A. Healy
Drue M. Heinz
Contributing Members

John Hendricks
Lloyd Herman
Henry L. and Elsie H. Hillman
Frank W. and Lisina M. Hoch
Janet Annenberg Hooker†
Sir Joseph Hotung
John R. Huggard
Mrs. Jaquelin H. Hume
Gilbert S. Kahn
Jacob and Ruth C. Kainen
Victor and Loretta Kaufman
Narinder K. Keith
Rajinder K. Keith
Gene A. and Freita F. Keluche
James M. Kemper, Jr.
R. Crosby Kemper, Jr.
James W. and Mary T. Kinnear
Ann and Gilbert Kinney
Ethel Niki Kominik†
William K. and Alice S. Konze
Karl V. Krombein
Harvey M. and Connie Krueger
Robert E. and Elizabeth Krueger
Rober and Helen Kuhn
Rogerio S. Lam
Ru Lennox Lang†
Jacob and Charlotte Lehrman
Foundation
Robert Lehrman
Jerome† and Dorothy Lemelson
Barbara and Gerald Levin
Sydney† and Frances Lewis
John Livermore
Putnam Livermore
Henry Luce III
Frank J. Lukowski
Barbara A. Mandel
Harry and Beverly Mandil
Edwin S. and Nancy A. Marks
John F. and Adrienne B. Mars
Kathleen C. Mason†
Vera M. McBeth
Brooks and Hope B. † McCormick
Nan Tucker McEvoy
Katherine Medlinger
Antony M. Merck
Eugene and Sue Mercy, Jr.
Elonor Merrell
Jeffrey W. and Janet Meyer
James and Lolly Mitchell
Lester S. Morse, Jr. and Enid W. Morse
Honorable Daniel Patrick Moynihan and Elizabeth Moynihan
Charles T. and Nancy Munger
Nancy Brown Negley
Eleanor Smallwood Niebell
Jean Niemeier
Robert H. and Nancy Nooter
Marta G. Norman
Carroll and Nancy Fields O'Connor
Charles Rand Penney
Al and Cecilia Podell
Winifred and Norman Portenoy
Lewis and Margaret Ranieri
Philip D. Reed, Jr. and Elizabeth Reed
Douglas F. † and Sanae I. Reeves
Frank K. Ribelin
Carlyn Ring
David Rockefeller, Sr.
Elilhu Rose and Susan Rose
Anton H. Rosenthal and Ruth E. Ganister
Milton F. and Frieda Rosenthal
Wilbur L. Ross, Jr.
Jeanette Cantrell Rudy
Cecile Salomon
Joseph H. Samuel, Jr.
Mrs. Stanley P. Sax
Lloyd G. and Betty L. Schermer
Margaret Knowles Schink
Richard J. and Sheila Schwartz
Catherine F. Scott
Ivan and Nina Selin
Shirley P. Sichel
Emma M. Sims
George Sisley†
James C. Slaughter
George L. Small
Kathy Daubert Smith
Guenther and Siewchin Yong Sommer
Bernie E. Stadiem
Mrs. Sydney Steen, Jr.
E. Hadley Sutter, Jr. and Marion Sutter
A. Alfred Taubman
Vernon F. Taylor, Jr.
Eugene V. and Clare E. Thaw
Jeffrey† and Diane Tobin
R.E. Turner and Jane Fonda
Ladislaus and Beatrice von Hoffmann
John Weeden
Daniel Weinsten
Anthony and Beatrice W. Welters
Jerry R. † and Carolyn L. White
Julius Wilde
Warren and Barbara Winiarski
Ronald H. Winston and
Heidi Jensen-Winston
Elizabeth B. Wood
Gay F. Wray
Nancy B. Zirkle

Donors of Financial Support

$1,000,000 or more
Anonymous
The Art Research Foundation
The Kenneth E. Behring Family
Emil Buehler Trust
Mr. and Mrs. Robert E. Eberly
(The Eberly Foundation and the Eberly Family Trust)
Helenia Trust
Lemelson Family Foundation*
Mr. and Mrs. Peter H. Lunder
Mr. and Mrs. John F. Mars
Mrs. Nan Tucker McEvoy
Andrew W. Mellon Foundation
National Stone Association
Nordic Council of Ministers
Mr. Paul L. Peck
Polo Ralph Lauren Corporation
Principal Mutual Life Insurance Company
Susan and Elilhu Rose Foundation
Mr. and Mrs. Terry Strent
Mr. and Mrs. Steven F. Udvar-Hazy
The Upton Trust
U.S. Postal Service
Volvo

$500,000 or more
Anonymous
E. Rhodes & Leona B. Carpenter Foundation
Discovery Communications, Inc.
FDX Corporation
Friends of the National Zoo
John S. and James L. Knight Foundation
The National Air & Space Society
Naval Submarine League
Nissan North America, Inc.
Pfizer Inc

$100,000 or more
Anonymous
Mr. and Mrs. Joe L. Allbritton (Allbritton Foundation)
American Cocoa Research Institute
American Express Company
Estate of Richard Ree Anthis

*Denotes a gift to the Fund for the Future, a citizens' initiative to raise endowment funds, both unrestricted and special purpose.

†Deceased
Mr. Mitchell Rales (The Glenstone Foundation)  
Rolls-Royce Inc.  
The Romanian Cultural Foundation  
Mr. and Mrs. Clive Runnells  
Margaret Knowles Schink  
Dr. and Mrs. Ivan Selin  
Shell International Petroleum Co. Ltd.  
Mrs. Warren H. Sichel  
Alfred P. Sloan Foundation  
Smithsonian Women’s Committee  
The Tang Research Foundation  
Texaco Foundation  
Mr. Eugene Victor Thaw (Eugene V. and Clare E. Thaw Charitable Trust)  
The Tinker Foundation  
Trimbale Navigation Limited  
Tropical Resorts International, Inc.  
Turner Entertainment Group  
Mr. Robert E. Turner, III (Turner Foundation, Inc.)  
Mr. and Mrs. Dever K. Warner  
Mr. Julius Wile  
Young Benefactors of the Smithsonian Institution

$50,000 or more

Anonymous  
Ms. Ann Simmons Alsop  
AT&T Corporation  
Col. and Mrs. Joseph S. Benham  
Bisbee Mining and Historical Museum  
Agnes Bourne  
Brother International Corporation  
Mrs. Jackson Burke (Mary Livingston Griggs and Mary Griggs Burke Foundation)  
Chabot Observatory and Science Center  
Champion International Corporation  
Commission for Environmental Cooperation  
Consolidated Natural Gas Company  
Mr. Guido Craveri  
Mr. Raimondo Craveri  
The Nathan Cummings Foundation  
Delta Education  
Mr. James F. Dicke, II  
Mr. and Mrs. Charles M. Diker  
(Valerie & Charles Diker Fund, Inc.)  
The Walt Disney Company  
DuPont  
Duron, Inc./The Feinberg Foundation  
Ebrahimi Family Foundation  
Fannie Mae Foundation

Mr. and Mrs. Hart Fessenden  
Mrs. June M. Fontanier  
Dr. and Mrs. Phillip Frost (Philip and Patricia Frost Philanthropic Fund)  
J. Paul Getty Trust  
Mr. Tito Giamporcaro  
Horace W. Goldsmith Foundation  
Government Development Bank for Puerto Rico  
Mrs. Ruth Greenberg  
Ms. Agnes S. Gund (Agnes Gund Charitable Account)  
Herman Miller, Inc.  
Frank and Lisa Hocking  
Mrs. Edgar McPherson Howell  
Hughes Network Systems  
The Island Fund in The New York Community Trust  
The Japan Foundation  
Mr. and Mrs. Samuel C. Johnson (S.C. Johnson & Son, Inc.)  
Mr. Harvey M. Krueger  
Thelma & Melvin Lenkin Family Charitable Foundation Inc.  
The Lovett Foundation, Inc.  
Elizabeth and Whitney MacMillan (WEM Foundation)  
Maharam  
Mr. and Mrs. Frank Martucci  
Mr. and Mrs. Eugene Mercy, Jr.  
Merrill Lynch & Company Foundation, Inc.  
Mr. Jeffery W. Meyer  
Miami Museum of Science  
The Mills Corporation  
National Geographic Society  
National Grange of The Order of Patrons of Husbandry  
Col. Erickson S. Nichols  
Peter Norton Foundation  
Mr. and Mrs. Carroll O’Connor (Carroll & Nancy O’Connor Foundation)  
Pacific Life Foundation  
The Park Foundation  
Mrs. Jefferson Patterson*  
Pricewaterhouse Coopers LLP  
Regional Citizens Advisory Council, Inc.  
James Renwick Alliance  
The Rice Family Foundation, Inc.  
Sara Roby Foundation  
Mr. Arthur Ross (Arthur Ross Foundation)  
Mr. B. Francis Saul, II (Chevy Chase Bank)  
Shell Oil Company

*Denotes a gift to the Fund for the Future, a citizens’ initiative to raise endowment funds, both unrestricted and special purpose.
K. Paul & Virginia M. Singh Foundation, Inc.
The Surdna Foundation
Thomasville Furniture Industries, Inc.
United States Golf Association
Andy Warhol Foundation for the Visual Arts
Mr. Francis W. Worrell
Xerox Corporation
Zoologische Gesellschaft

$10,000 or more
Anonymous
Mr. Roger Abelson
The Abington Foundation
Ms. Jin-Hyun Weatherly Ahn (Weathersby and Company)
Drs. Waheed and Raana Akbar
Mrs. Kathleen B. Allaire
Allied Corporate Services
American Academy Of Underwater Sciences
American Petroleum Institute
American Postal Workers Union, AFL-CIO
The American Society for Cell Biology
The American-Turkish Council and American Friends of Turkey
Annenberg Institute for School Reform
Atlantic Envelope Company
Lily Auchincloss Foundation, Inc.
Avery Dennison Corporation
B.F. Goodrich Aerospace
Ms. Elizabeth Ballantine
Banco Popular de Puerto Rico
The Banks Association of Turkey
Mr. and Mrs. Perry Bass
Bell Atlantic Corporation
The Honorable Max N. Berry and Mrs. Berry
Mr. Randy Best and Ms. Nancy Best
Mr. Leon D. Black (The Leon Black Family Foundation)
Mrs. Laura Lee Blanton (Scurlock Foundation)
Mr. and Mrs. James A. Block
The Bodman Foundation
Bombardier Inc.
BP America Inc.
Mr. and Mrs. Stephen F. Brauer (Stephen F. & Camilla T. Brauer Charitable Trust)
Mr. and Mrs. Tom Brokaw (Brokaw Family Foundation)
Mr. John Spoor Broome
Mr. G. Michael Brown (Manhattan Cruises)
Mr. Gerald E. Buck (Buck Investments)
The Martin Buxbaum Family Foundation
Bucyrus-Erie Company
Ms. Margelus Burga
Mrs. Lenora Burstein
Ms. Uschi Butler
Mr. Berchman T. Carville
Caterpillar, Inc.
CH2M Hill Companies, Ltd.
Mr. Alger Chaney
The Chase Manhattan Bank
Chiang Ching-Kuo Foundation
Clark-Winchcol Foundation
Dr. Charles H. Clark, Jr.
Mr. Peter Claussen and Ms. Linda Claussen
Ms. Jan McLin Clayberg
Mr. Joseph M. Cohen (Joseph & Barbara Cohen Foundation, Inc.)
Mrs. Harriette N. Cohn (Harriette Cohn Fund)
Mr. Lester Colbert, Jr.
Mr. and Mrs. Peter R. Coneway (Coneway Family Foundation)
Ms. Gertrude H. Conner (The Gerta Charitable Trust)
Conservancy for Tibetan Art & Culture
Conservation, Food & Health Foundation, Inc.
Consolidated Edison Company of New York, Inc.
Mr. and Mrs. David Cook
Mrs. Ann Cousins (Cousins Foundation, Inc.)
Crate & Barrel
Cyprus Amox Minerals Company
Da Capo Fund
Mr. and Mrs. Carl B. Davis
Rosa and Carlos de la Cruz
Eric de Rothschild
Defenders of Wildlife
Deutsche Bank
Dewey Ballantine LLP
S. Sydney DeYoung Foundation
Mr. Joseph A. Di Palma
Mr. and Mrs. David Dibner (The Dibner Fund, Inc.)
Discovery International
Divers Alert Network, Inc.
The Douglass Foundation
The Max & Victoria Dreyfus Foundation
Mr. Archie W. Dunham
The Dunn Foundation
Duron Paints & Wallcoverings
Mrs. Anne G. Earhart (The Homeland Foundation)
Mr. and Mrs. Joel S. Ehrenkranz (Joel and Anne Ehrenkranz Philanthropic Fund)
Mr. and Mrs. George W. Elliott
Mr. and Mrs. Michael D. Eisner (The Eisner Foundation)
Enterprise Rent-A-Car Company
Ernst & Young
Mr. and Mrs. John Ernst (Richard C. & Susan B. Ernst Foundation, Inc.)
Mr. and Mrs. Ralph O. Esmerian
Alfred and Harriett Feinman Foundation
Fisher Company
Mr. and Mrs. Donald G. Fisher (Da&DF Foundation)
Mr. Aaron I. Fleischman (The Aaron I. Fleischman Foundation)
Ms. Barbara G. Fleischman
Ms. Dielle Fleischmann (Monomoy Fund)
Mrs. Leslie S. Fogg, III
Juliet and Lee Folger (The Folger Fund)*
Forbes, Inc.
Mr. Christopher Forbes (Forbes Foundation)
Ford Motor Company
Mrs. Daniel Fraad
Freddie Mac Foundation
The Helen Clay Frick Foundation
Gagosian Gallery, Inc.
Mr. and Mrs. Frederick Gans (Frederick Gans Fund)
Mrs. Aileen M. Garrett
General Atlantic Partners, LLC
General Electric Company
General Society of the War of 1812
George Publishing Company
Georgia Tech Foundation, Inc.
Mr. Richard Gilbert
Mr. and Mrs. Alfred C. Glassell, Jr.
Glaxo Wellcome Inc.
The Glenstone Foundation
Bernard S. Goffe, M.D.
Golden Family Foundation
Florence J. Gould Foundation

*Denotes a gift to the Fund for the Future, a citizens’ initiative to raise endowment funds, both unrestricted and special purpose.
Mr. and Mrs. Hermon Greenberg
(The Monica & Hermon Greenberg
Foundation)
Greening America
Mr. H. Malcolm Grimmer (Morning
Star Gallery)
Mr. Peter E. Haas, Sr. (Miriam &
Peter Haas Fund)
Phoebe W. Haas Charitable Trust
Hachette Magazines, Inc.
Mr. Hugh Half, Jr.
Mr. Robert R. Harris
Mr. Alan Hartman
Mr. Ben Hartnett
Harvard University
M.A. Healy Family Foundation, Inc.
Ms. Elizabeth Hecht
Mr. J. Roderick Heller, III (The
Heller Family Foundation)
Mr. and Mrs. John S. Hendricks
Mr. Paul Herreleny (Gramp
Foundation)
Mr. Alan J. Hirschfield (Norman
Hirschfield Foundation)
Mr. Charles L. Hoar
Hoechst Marion Roussel, Inc.
Ms. Hanna Loret Hombordy
Home Box Office
Hong Kong Economic & Trade Office
Ms. Robyn Horn
Ms. Catherine M. Horne
Mr. and Mrs. Raymond J. Horowitz
Mr. and Mrs. Lawrence A. Hough
(Lawrence A. and Kathleen M.
Hough Family Fund)
Hospitality Sales & Marketing
Associates International
Mr. David Hudgens
Mr. and Mrs. Milton M. Hyatt
IBM Corporation
ILA Foundation, Chicago
Mr. and Mrs. Robert L. James
Jewelers of America
Mr. Nelson T. Joyner
J.M. Kaplan Fund, Inc.
Mr. and Mrs. Victor Kaufman
Keebler Company
Keidanren Nature Conservation Fund
Mr. Gene A. Keluche
(Communication Resources, Inc.)
Kemper Lesnik Communications
Mr. and Mrs. James M. Kemper, Jr.
(The David Woods Kemper
Memorial Foundation)*
Mr. and Mrs. Dwight M. Kendall
The Robert S. & Grayce B. Kerr
Foundation, Inc.
Mr. Fred M. Kirby, II (F.M. Kirby
Foundation, Inc.)
J. I. Kislak Foundation, Inc.
John and Mary Lu Koening
Mr. and Mrs. Robert P. Kogod
Koniag, Inc.
Krispy Kreme Doughnut Corporation
Mr. and Mrs. Robert Krissel
Ms. Elaine La Roche
The Honorable and Mrs. L. William
Lane, Jr. (The Ambassador & Mrs.
L.W. Lane, Jr. Fund)
Robert Lehman (Jacob & Charlotte
Lehman Foundation, Inc.)
Mrs. Barbara Riley Levin
Mr. and Mrs. Aaron Levine
The Levitt Foundation
The Link Foundation
R. Robert Linowes and Ada H.
Linowes Fund of the Community
Foundation for the National Capital
Region
Lockheed Martin Mission Systems
Loeb & Loeb LLP
Ms. Shirley Loo
Mr. Anton C. Love
Mr. and Mrs. Donald G. Lubin
(The Barr Fund)
The Henry Luce Foundation, Inc. at
the request of Mr. H. Christopher
Luce
Mr. H.C. Luce and Ms. Tina Liu
Luso-American Development
Foundation
Lutheran Brotherhood
The Honorable John D. Macomber
and Mrs. Macomber
Mr. and Mrs. Robert H. Malott
(Camalott Charitable Foundation)
Barbara and Morton Mandel (Morton
and Barbara Mandel Family
Foundation)
Nancy and Edwin Marks (The Marks
Family Foundation)
Mars Incorporated
Margery and Edgar Masinter (The
Masinter Family Foundation)
Dr. John P. McGovern (McGovern
Fund)
Mrs. Marilee McNeilus
The Mead Show Room
Medical and Science Communications
Development Corporation
Mr. James R. Mellor (Mellor Family
Foundation)
Merck Institute for Science
Education
Merrill Lynch & Company
Mr. and Mrs. Samuel C. Miller
Mitsubishi Corporation
The Mnuchin Foundation
Morgan Stanley & Co., Inc.
Morris Animal Foundation
Mr. John Morss
Motorola, Inc.
Mr. and Mrs. Thomas D. Mullins
Multiples, Inc./Marlman Goodman
Gallery
Mr. and Mrs. Roger K. Myers
National Association of Securities
Dealers, Inc.
National Film Preservation
Foundation
National Museum of Industrial
History
National Wildlife Federation
Natural American Spirit Foundation
Natural Heritage Trust
The Nature Conservancy
Ms. Nancy Brown Negley
Mr. John M. Nelson (John M. Nelson
Fund)
New York Mercantile Exchange
The New York Times Company
Mr. Paul L. Newman (The Newman's
Own Fund)
Newmont Mining Corporation
Nippon Foundation
Dr. and Mrs. Stanton P. Nolan
Mr. and Mrs. Lucio A. Noto (Mobil
Corporation)
Mr. and Mrs. Morris W. Offit
Ralph E. Ogden Foundation, Inc.
Mrs. Camille Oliver-Hoffmann
Open Lands Project
Orbital Sciences Corporation
Mr. and Mrs. David M. Osnos
John and Virginia Paes
Mr. and Mrs. James Patton, Jr.
Peabody Holding Company, Inc.
Mr. Gerald L. Pearson (Pearson Art
Foundation, Inc.)
Dr. Arthur Peck
Mr. James E. Pehta (James E. Pehta
Foundation)
Mashantucket Pequot Tribal Nation
of Connecticut
Pillsbury Company
Mrs. Cynthia H. Polsky (Hazen
Polsky Foundation, Inc.)
Dr. and Mrs. Meyer P. Potamkin
Pratt & Whitney

*Denotes a gift to the Fund for the Future, a
citizens’ initiative to raise endowment funds,
both unrestricted and special purpose.
Mr. and Mrs. Heinz C. Prechter  
(World Heritage Fund)
Mr. and Mrs. Sushil Premchand  
Mrs. Charles H. Price, II (Carol  
Swanson Price Foundation)
The Lynn R. & Karl E. Prickett  
Fund
Mr. Gene Quintana (Valerie & Charles  
Diker Fund)
Reed Foundation
Mr. and Mrs. Philip D. Reed, Jr.  
Rexam Paper Products
Mr. John R. Risher, Jr.  
Ms. Ann R. Roberts
Rockefeller Foundation
Rocks Build American Foundation
Mr. and Mrs. Milton F. Rosenthal
Mr. E. John Rosenwald, Jr. (Montgomery  
Fund, Inc.)
Mr. Stephen M. Ross
The May and Samuel Rudin Family  
Foundation
Mr. and Mrs. Arthur F. Sackler
Dr. Elizabeth A. Sackler
Mr. and Mrs. James F. Sams  
(The James & Betty Sams Family  
Foundation)
San Carlos Institute
Victoria P. and Roger W. Sant  
(The Roger and Vicki Sant Fund)
Mr. Ignatius Sargent
SC Costica Prosper SRL
Mr. and Mrs. Lloyd G. Schermer
Mr. Richard J. Schwartz (David  
Schwartz Foundation, Inc.)
Ms. Isabelle Scott (Jacob & Charlotte  
Lehrman Foundation, Inc.)
Sempta Energy
Sequent Computer Systems, Inc.
Shaw Industries, Inc.
Siemens Corporation
Mr. and Mrs. David M. Silfen (David  
& Lyn Silfen Foundation)
Silver Dollar City Inc.
The Gertrude E. Skelley Charitable  
Foundation
Mr. Bruce Slovin (Slovin Foundation)
Mr. Richard M. Smith (Newsweek,  
Inc.)
Mr. and Mrs. Branchon M. Smithson
Ms. Eloise O. Speath
Mr. Clemmie Dixon Spangler, Jr.  
(C.D. Spangler Foundation)
State Farm Mutual Automobile  
Insurance Company
Mr. Thomas H. Stoner
Ms. Mary P. Surrey (Max & Victoria  
Dreyfus Foundation, Inc.)
Mr. Kelso F. Sutton (Kelso F. & Joanna  
L. Sutton Fund)
Tarver Family Fund
Mrs. Ellen N. Taubman (Ellen  
Napiura Taubman, Ltd.)
Ms. Ann Tenenbaum and Mr. Thomas  
H. Lee
Tenncio Inc.
Texaco, Inc.
Time Domain Corporation
Mr. Ward J. Timken (Timken  
International Fund)
John and Daniel Tishman Fund
Toyota Motor Sales, U.S.A., Inc.
Trellis Fund
Unico Banking Group
Uniform Code Council, Inc.
United Airlines, Inc.
United Transportation Union
Venable, Baetjer & Howard  
Foundation, Inc.
Beatrix and Ladislaus von Hoffmann
Mr. and Mrs. Raymond Waite
Mr. and Mrs. Milton H. Ward
Warren Wilson College
Mrs. Ruth L. Webb
Ellen Bayard Weedon Foundation
Honorable and Mrs. Frank A. Weil  
(Hickrill Foundation, Inc.)
Mr. Thomas W. Weisel
Wenner-Gren Foundation for  
Anthropological Research
White Oak Corporation
Williams College
Warren and Barbara Winiarzki
Mr. James D. Wolfensohn  
(Wolfensohn Family Foundation)
The Women’s Museum
World Federation of Ultrasound in  
Medicine & Biology
Mrs. Gay F. Wray (Roger S. Firestone  
Foundation)
Wyeth-Ayerst Pharmaceuticals
Wyeth-Lederle
Zero International Inc.
Ms. Nina Zalt and Mr. Miles Gilburne

$5,000 or more

Anonymous
Mr. Ronald D. Abramson (Abramson  
Family Foundation)
Mr. Warren J. Adelson
Philip & Henrietta Adler Foundation
AERO Club Foundation of  
Washington
Alaska Federation of Natives
Mr. and Mrs. Ahmed Ali  
(Geo-Etka, Inc.)
Ms. Charmay B. Allred
Alnell Farm
American Association for the  
Advancement of Science
American Association of Retired  
Persons
American Zoo & Aquarium  
Association
Harriet Ames Charitable Trust
Mr. and Mrs. William S. Anderson  
(William S. and Janice R. Anderson  
Fund)
Joan and Peter Andrews
Mr. and Mrs. Rand Araskog
ARCO Foundation, Inc.
Arts & Entertainment  
Network/ABC/NBC
Asian Cultural Council, Inc.
Mr. and Mrs. Thomas W. Barwick
Mr. and Mrs. William Beierwaltes
Black Entertainment Television  
Holdings Inc.
BMW of North America, Inc.
Mr. and Mrs. John M. Bradley
Mrs. Fleur S. Bresler
Mr. Willard W. Brown, Jr.
Mrs. Rochelle L. Bruner
Mr. Howard G. Buffett (The  
Sherwood Foundation)
Bunge Corporation
Center for International Forestry  
Research
Chesapeake Wildlife Heritage
Ms. Nancy L. Connor (Ringing Rocks  
Foundation)
Mr. and Mrs. Roger E. Covey
Ms. Allison Stacey Cowles and Mr.  
Arthur Ochs Sulzberger*
Drs. William H. and Isabella C.M.  
Cunningham
Dames & Moore
Mr. and Ms. Richard M. Danziger
Deloitte & Touche LLP
Mr. Dean S. Edmonds, III (Dean S.  
Edmonds Foundation)
EMA Foundation for Education &  
Technology Research
Entertainment Industry Foundation
Ms. Audrey G. Falkenstein
Joseph and Bessie Feinberg  
Foundation
Feld Entertainment, Inc.
Ms. Martha Feltenstein
Dr. Alan Fern and Mrs. Lois Fern

*Denotes a gift to the Fund for the Future, a  
citizens’ initiative to raise endowment funds,  
both unrestricted and special purpose.
Ms. Rosemary L. Frankberger
Mr. George C. Freeman, Jr.
Mr. and Mrs. Robert W. Fri
Fundatia Culturala Romana
Mr. Edward O. Gaylord
GEICO Corporation
Mr. and Mrs. Gordon P. Getty (Ann &
Gordon Getty Foundation)
Mr. Bert Gerz (Globe Foundation)
Dr. Margaret Goodman
Ms. Elizabeth Gosnell
Mr. and Mrs. Arthur Gray, Jr. (Lerner
Gray Foundation, Inc.)
David Greenewalt Charitable Trust
The Grodzins Fund
GTE Hawaiian Telephone
Company, Inc.
Mr. Bertram Fields and Ms. Barbara
Guggenheim (Guggenheim, Asher
Associates, Inc.)
Mr. and Mrs. Robert D. Haas (Colleen
and Robert D. Haas Fund)
Mr. and Mrs. George W. Haldeman
Mr. and Mrs. Ben Hammett
Mr. and Mrs. Irshad-ul-Haque
Heinz Family Foundation
Mr. Frederick D. Hill (Berry-Hill
Galleries, Inc.)
Mrs. Joseph Hirshhorn (Olga &
Joseph H. Hirshhorn Foundation,
Inc.)
Mr. John K. Howat
Dr. Stanley O. Ikenberry
Imax Limited
Institut für Auslandsbeziehungen
International Mass Retail Association
Mr. and Mrs. Maurice H. Katz
The Katzenberger Foundation, Inc.
Kell, Munoz, Wigodsky Architects
Mr. R. Crosby Kemper, Jr. (Enid &
Crosby Kemper Foundation)
Mr. William G. Kerr (The Robert S.
& Gracie B. Kerr Foundation)
Drs. Aziz and Deanna Khan
Kimsey Foundation
Mr. and Mrs. James W. Kinnear
Mr. and Mrs. Gilbert H. Kinney
Ms. Marie L. Knowles
The Samuel H. Kress Foundation
Mr. Myron Kunin (Curtis Galleries,
Inc.)
Mr. and Mrs. James J. Lally
Mrs. Emily Fisher Landau
Mr. and Mrs. Jon Landau
Alvin S. Lane, Esq. (The Alvin S. Lane
Family Fund)
Mr. Albert G. Lauber, Jr.
and Mr. Craig W. Hoffman
Mr. Leonard A. Lauder (Lauder
Foundation)
Mr. Ronald S. Lauder (Mrs. Estee
Lauder Philanthropic Fund)
Dr. Thomas Lawton
Lee Enterprises
The Levitt Foundation
Mr. and Mrs. Robert V. Lindsay
Mr. and Mrs. Robert E. Linton (Linton
Foundation)
Ms. Nina Liu
Lockheed Martin Missiles & Space
The Lucelia Foundation, Inc.
The Lucy Foundation
Mrs. Jean B. Mahoney
Mr. and Mrs. Hamid Malik (Amtrend
Corporation)
Mallinikrodt, Inc.
Mr. Richard A. Manoogian (Masco
Corporation)
Marpat Foundation, Inc.
Mr. and Mrs. Spencer Marsh, III
Mary Martell and Paul M. Johnson
University of Maryland College
Park
Mr. John F. McGuigan, Jr.
Mr. Robert L. McNeil, Jr. (The Barra
Foundation, Inc.)
The Mead Corporation
Mr. Mahkdoom Ahmad Melmood
Mr. Paul Mellon
Mr. and Mrs. Michael A. Menenello
Metropolitan Center for Far Eastern
Art Studies
Mrs. Jane B. Meyerhoff
Miller Freeman, Inc.
Mr. Vern Milligan
Mobil Foundation, Inc.
Montgomery Watson Americas, Inc.
Enid and Lester Morse (Morse Family
Foundation)
NAMSB Foundation, Inc.
National Association of Display
Industries Inc.
Ms. Annalee Newman
Nordstrom, Inc.
Mr. George L. Ohrstrom, Jr. (Little
River Foundation)
Mr. and Mrs. Ricard R. Ohrstrom
(Little River Foundation)
The Pace Gallery
Helen Ann Patton
Parsons Engineering Science, Inc.
Mr. Gerald P. Peters (Gerald Peters
Gallery, Inc.)
Petersen Family Foundation
Philip Morris Companies, Inc.
Mr. Victor M. Pinzon
Placer Dome, Inc.
Mr. John Edward Plunkett
Mr. James S. Polshek (Polshek Mercaft
Tobey and Part)
Mrs. John Alexander Pope
William A. & Ronnie N. Potter
Philanthropic Fund
The Henry & Henrietta Quade
Foundation
Mr. Safi U. Qureshey, Uns Safi
Qureshey and Zeshen Neil
Qureshey
Mr. and Mrs. Jack Rachlin
Mr. and Mrs. Harvey W. Rambach
The Reader's Digest Association, Inc.
Republic National Bank of New York
Mary Livingston Ripley Charitable
Lead Trust*
Dr. and Mrs. Kenneth X. Robbins
Mr. David Rockefeller, Sr.
Karol K. Rodriguez
Mr. and Mrs. Richard Roob
Mr. Robert Rosenkranz and
Ms. Alexandra Munroe (The
Rosenkranz Foundation)
Benjamin J. Rosenthal Foundation
Mrs. Polly Rubin
Ms. Celia C. Rumsey (Mary A. H.
Rumsey Foundation)
Ms. Harttie Ruttenberg
Mrs. Else Sackler
Charles E. Sampson Memorial
Foundation
Ms. Louisa S. Sarofim
Ms. Helen G. Schneider
Mr. and Mrs. A. Harvey Schreeter
Mr. and Mrs. J. Henry Sheffield
Mr. and Mrs. W. Mason Shehan
Mrs. H. Robert Slusser
Mr. and Mrs. E. Maynard Smith
Sotheby's
Mr. Ira Spanierman
Mr. Alan G. Spoon
The Summit Charitable Foundation,
Inc.
Mrs. H. William Tanaka
Mr. Jahangir Tareen
A. Alfred Taubman (Taubman
Endowment for the Arts)
Tetra Tech EM Inc.
Dr. F. Christian Thompson
Timken Company
Ms. Rita Tishman (Norman-Rita
Tishman Fund, Inc.)

*Denotes a gift to the Fund for the Future, a
citizens' initiative to raise endowment funds,
both unrestricted and special purpose.
Mr. John Travolta
United States Postal Service
United Technologies Corporation
Mr. Warren W. Unna
WETA
Mr. William F. Whalen
and Ms. Nancy Martson
Mr. Eli Wilner and Ms. Barbara Brennan (Eli Wilner & Company, Inc.)
World Wildlife Fund
Young & Rubicam Inc.

$2,000 or more
Anonymous
Mr. and Mrs. Christopher Addison
(Addison/Ripley Gallery)
Ms. Tina Alster
Danese Altman
American Zinc Association
Mrs. Robert Amory, Jr.
Mr. and Mrs. Douglas Anderson
ANR Pipeline Company
Mrs. Iris Apfel
Mr. Eugene Applebaum
Aria Foundation
Mr. Arnold Aronson
Association for Computing Machinery, Inc.
Mr. and Mrs. Edward H. Auchincloss
(Monadnock Fund)
Milton & Sally Avery Arts Foundation
B&O Railroad Museum
Mr. and Mrs. Raymond Baddour
(Baddour Family Fund)
Bajaj Family Foundation
Mr. and Mrs. Robert Balzer
Mr. and Mrs. Arnold Barnett
Mr. and Mrs. Robert A. Bartlett, Jr.
Ms. Karen H. Bechtel
Bell Atlantic of Washington, D.C.
Mr. Robert A. Bernhard
Mr. and Mrs. Leonard Bernheim, Jr.
(The Bernheim Foundation, Inc.)
Mrs. Esther S. Bondareff
Mr. Robert H. Braunholer
Bristol Associates, Inc.
Mr. Eli Broad (The Broad Art Foundation)
Mr. Edward Cafratz (Dr. Edward & Mildred Cafratz Family Foundation)
The Center for Arts Education
Centre National De La Recherche Scientifique
Vinton G. and Sigrid T. Cerf
Mr. and Mrs. John D. Chapman
Dr. and Mrs. Timothy W. Childs Christie’s, Inc.
Dr. and Mrs. Dennis Cirillo
Mr. and Mrs. Willard G. Clark Cofers, Inc.
Mr. and Mrs. Howard Cohen
Mrs. John Y. Cole and Nancy E. Gwinn
Ruth Covo Family Foundation
Mr. and Mrs. James W. Crystal
Jeffrey P. Cunard
D.C. Chartered Health Plan, Inc.
Mr. and Mrs. Frank A. Daniels, Jr.
The Gloria & Sydney Danziger Foundation, Inc.
Mr. Frederick M. Danziger Dart Industries, Inc.
Mrs. Mary A. DeBare
Decorative Arts Society, Inc.
Mr. Arun K. Deva
Mr. and Mrs. Charles D. Dickey, Jr.
Mr. George A. Didden, III
Mr. and Mrs. George C. Dillon
Dublin Historical Society
Duncan Aviation
Dr. Sylvia A. Earle
East West Foundation
Eli Lilly & Company
Emilio Ambasz & Associates, Inc.
Mr. and Mrs. Anthony T. Enders
Mr. and Mrs. Giuseppe Eskenazi
Ms. Elizabeth S. Eustis
Mr. Thomas M. Evans, Jr. (Thomas M. Evans, Jr. Foundation)
Mrs. Myron S. Falk, Jr.
Mr. and Mrs. George J. Fan
Faucett Family Trust
The Federal Society for Law & Public Policy Studies
Mr. and Mrs. Roger Felberbaum
(Felberbaum Family Foundation)
First Center for Visual Arts, Inc.
Mr. and Mrs. Miles Q. Fiterman
Mr. and Mrs. John Fletcher, III
Ms. Anne Forbes
Mr. Sidney Forbes
Mrs. Ann B. Friedman
Mrs. Marilyn Friedman
Ms. Ellen L. Frost and Mr. William F. Pedersen
Mr. Richard S. Fuld, Jr. (Richard S. Fuld, Jr. Foundation, Inc.)
Mrs. Martha E. Game
Mr. Edward K. Gamson
Mr. and Mrs. Howard Ganek
Mr. and Mrs. Julian Ganz, Jr.
Gem, Lapidary & Mineral Society of Montgomery County MD, Inc.
General Dynamics Corporation
Dr. Kurt A. Gitter and Ms. Alice Yelen
Mr. Virgil D. Gligor (V D G, Inc.)
Mr. Leslie H. Goldberg (Leslie Goldberg Charity Fund)
Colonel Richard H. Graham, USAF (Ret.)
Ms. Elizabeth W. Gwinn
Mr. John M. Haddow (Rita C. & John M. Haddow Family Foundation)
Mrs. Gloria Shaw Hamilton
Dr. William T. Hardaker, Jr.
Harrison Family Trust
Mr. Joseph A. Helman (Joseph Helman Gallery, Inc.)
Mr. John B. Henry
Mr. and Mrs. William Herberst
Mr. and Mrs. F. W. Hetlitz
Levy Hermans Foundation, Inc.
Dr. and Mrs. David C. Hess
Dr. W. Ronald Heyer
Olga & Joseph H. Hirshhorn Foundation, Inc.
Mr. and Mrs. Robert A. Hoehn
Mr. Craig W. Hoffman
Ms. Nancy Hoffmann
Mr. Gary Honbarrier
Mr. and Mrs. S. Roger Horchow
Hoss Charitable Foundation
Sir Joseph E. Horung
Ms. Susan Hurowitz
Illinois Tool Works Foundation
Mrs. Ruthanne Iselin
ITT Industries, Inc.
Mr. Richard J. Janes
Ms. Wendy Jeffers
Jefferson-Pilot Corporation
David and Pat Jernigan
Mr. and Mrs. Philip C. Jessup, Jr.
Johnson & Johnson
Mr. and Mrs. Jacob C. Kainen
Mrs. Floy Kaminski
Mr. Eugene J. Kaplan
Dr. and Mrs. Ashok H. Kaveeshwar
Mr. Walter Keating
Miss Narinder Kaur Keith
and Miss Rajinder Kaur Keith
Dr. and Mrs. Clinton W. Kelly, III
Ms. Marie-Louise Kennedy
Lieutenant Colonel William K. and
Mrs. Alice S. Konze (Alice Stockton Konze Fund)
KPMG
Mrs. Rose C. Kramer
Contributing Members

Mr. and Mrs. Edward A. Weinstein
(Edward A. and Sandra R.
Weinstein Philanthropic Fund)
Mr. and Mrs. Franc Werheimer
Sperone Westwater, Inc.
Mr. Richard E. Whalen
Ms. Wynelle W. White
Mr. and Mrs. Norman C. Willcox
Mr. and Mrs. Wallace S. Wilson
The Robert I. Wishnick Foundation
World Wildlife Fund
Mr. and Mrs. Charles Bagley
Wright, Jr.
Mr. and Mrs. Daniel W. Yohannes
Mr. Martin Zelman
Mr. and Mrs. Benjamin Zucker

Smithsonian Corporate Membership Program

The Smithsonian Corporate Membership Program is a national
initiative through which corporations provide unrestricted support to
Smithsonian education, research, and exhibition initiatives.

ABC, Inc.
American Express
American General
ARCO
Arthur Andersen LLP
AT&T
Bayer Corporation
Bell Atlantic
BellSouth Corporation
BMW of North America
Booz, Allen & Hamilton Inc.
BP Amoco
Bristol-Myers Squibb Co.
The Capital Group Companies
Capital One
Capital Re
CH2M Hill Companies
The Clark Construction Group, Inc.
The Coca-Cola Company
Concert Management Services, Inc.
Conoco Inc.
Crate and Barrel
DaimlerChrysler A.G.
Deloitte & Touche LLP
Deutsche Bank
Dewey Ballantine LLP
The Walt Disney Company
DuPont
Exxon Corporation

Fannie Mae Foundation
Fidelity Investments
Ford Motor Company
General Electric Company
George Magazine
Glaxo Wellcome, Inc.
Goldman, Sachs & Company
GTE Corporation
Hitachi Limited
Hoechst Marion Roussel, Inc.
Hunter Engineering Company
IBM
ID Magazine
S.C. Johnson & Sons, Inc.
Joseph E. Seagram & Sons, Inc.
The Kansai Electric Power
Company, Inc.
KPMG
Lee Enterprises
Litton Industries
Liz Claiborne
Loeb & Loeb LLP
Mars Incorporated
Marubeni Corporation
Merrill Lynch
Mitsubishi Public Affairs Committee
Mobil Corporation
J. P. Morgan & Company, Inc.
New York Stock Exchange, Inc.
Newman’s Own
Noble Drilling Corporation
Novartis Corporation
PEPCO
Pfizer Inc
Pharmacia & Upjohn
PricewaterhouseCoopers
Raytheon
Riggs Bank N.A.
SBC Communications
Scripps Howard Foundation
Siemens Corporation
Skadden, Arps, Slate, Meagher & Flom
Sony Corporation of America
Southern Company
Sprint
State Farm Insurance Companies
Tektronix
Texas Instruments
Time Warner, Inc.
The Tokyo Electric Power
Company, Inc.
Toyota Motor Sales, U.S.A, Inc
TRW Inc.
U.S. Bank
Warner-Lambert Company
Xerox Corporation

James Smithson Society

James Smithson Society members share a deep commitment to the
dynamic unfolding of James
Smithson’s vision. The society’s dues
and special gifts provide unrestricted
support for the Smithsonian’s research,
exhibition, and educational programs.

Endowed Life Members

Anonymous (1)
Karen and Edward Burka
Ms. Ruth Boyer Compton
Mr. and Mrs. Dean S. Edmonds
Mr. Daniel Gilbert and Mrs. Alice
Petree Gilbert
Mrs. Alton B. Grimes
William Logan Hopkins
Richard and Elaine Kaufman
Lt. Col. and Mrs. William K. Konze
Pearl Bell and Colonel Billie G.
Matheson
Mr. and Mrs. Gilbert D. Mead
Mr. Anton H. Rosenthal and Ruth E.
Ganister
Catherine F. Scott
Shelby Shapiro
Mr. and Mrs. J. Henry Sheffield
Mrs. Shirley P. Sicel
Mr. Richard L. Triska

Annual Members

$10,000 or more

The Jean Axelrod Memorial
Foundation
Mr. and Mrs. Perry R. Bass
Ms. Nancy L. Connor
The Eberly Foundation
The Gordon Fund
Mrs. Roy Johnson
Jacob and Charlotte Lehrman Fdn.
John L. and Carolyn J. Peterson
Betty Rhoads Wright

$5,000 or more

Mr. William Arndt
Mr. and Mrs. Fred C. Ballman
Mr. and Mrs. Robert M. Barton
Mr. and Mrs. James A. Block
Mrs. Howard M. Booth
Carter and Melissa Cafritz Charitable
Trust
$2,000 or more

35 Anonymous
Mrs. August Ackel
Mr. Terry L. Albertson
Mr. and Mrs. Lambert E. Althauer
Miss Barbara Anne Ames
Mrs. Robert Amory, Jr.
Mr. and Mrs. William G. Anderson
Mr. Leonard Andrews
Donna Barnard Ari and Ewing H. Miller
Mr. and Mrs. Rudolph Arkin
Mrs. Jack R. Aron
Mr. and Mrs. Donald G. Avery
Joe and Holly Baker
Steven and LaRae Bakerink
Mr. Robert J. Barker
Janine F. Barre
Elizabeth Barrer
Rhoda and Jordan Baruch
Mrs. Elizabeth H. Bass
Albert Beekhuis Foundation
Mr. and Mrs. Michael B. Beeman
Mr. and Mrs. James M. Beggs
Mr. Michael D. Bieluicki
Dr. Deborah Black
The Honorable Robert O. Blake and Mrs. Blake

Mr. John H. Blazek
Mr. and Mrs. Huntington T. Block
Mr. and Mrs. William J.D. Bond
J.A. Boorman
Mr. Bennett Boskey
Ms. Margaret L. Bourgerie
Ms. Rebecca A. Bowman
David Boyes
Charles and Fleur Bresler
Mr. Alfred Pope Brooks
Mrs. Keith S. Brown
Mr. J. Kevin Buchi and Dr. Kathleen Bucci
The Bunting Family Foundation
George E. and Clare M. Burch
Dr. and Mrs. Edwin W. Burnes
Ms. Alice Green Burnette
Mrs. Helen Cabell and Christine Cabell
Mr. Kenneth S. Cameron
Phyllis H. Carey
Mr. Donald W. Carl
Mr. William Carlebach
Mae Casner
Vinton and Sigrid Cerf
Dr. Jonathan L. Chang
Colonel and Mrs. George E. Chapin, Jr.
Ms. Li Chu
Mr. and Mrs. J. Donald Cline
Melvin and Ryna Cohen
Naomi and Nehemiah Cohen Foundation
The Honorable Barber Conable Jr. and Mrs. Conable
Mr. and Mrs. Richard Cooley
Ms. Florence Corder-Witter
Ms. Jean Coyne
Mrs. Gretchen S.Crow
Mr. John H. Darlington, Jr.†
Mrs. Joseph H. Davenport, Jr.
Barry and Nora Davis
Mr. and Mrs. Charles Alfred Davis
Anna M. Day
Kathleen and Eugene De Falco
Ms. Dorothy J. Del Bueno
Mr. Arthur F. Dellheim
Mrs. Deborah J. Denefrio
Bernard and Susan Dennis
Geert M. DePrest and Laura Travis-DePrest
Hilton B. Dickerson
Ms. Claudia Dickman
Douglas Dillon
Mr. and Mrs. Ralph Dixon
Dr. William H. L. Dornette

Ms. Diane M. Dudley
Mr. and Mrs. Robert K. Edson
Miss Babs Eisman
Mr. and Mrs. Richard England
Gary and Jeri Epstein
Ernst and Elfriede Frank Foundation, Inc
Colonel Charles O. Estelman
Dorothy D. Eweson
Mr. and Mrs. Michael L. Fayad
Dianne L. Fecteau
Mr. Harry Feldman
Dr. and Mrs. James J. Ferguson, Jr.
Dr. and Mrs. Adrian E. Flatt
Mary and Henry Flynt
Mr. Philip E. Forest
Mr. Benjamin Frank
Virginia McGhee Friend
Mr. Gary J. Frieze and Mrs. Rose Frieze
David Morgan Frost
Mrs. L. J. Futchik
Mrs. J. Gardner
Mr. Phil Gardner
Mr. Caspar C. Garrigues
Michael and Susie Gelman
Mary O’Brien Gibson
Bonnie Gillespie
Dr. and Mrs. Clarence Glenn
George C. and Erna M. Graham
Ms. Catharine Graton
Mrs. John B. Greene
Ms. Marion E. Greene
Calvin and Marilyn B. Gross
Mr. and Mrs. Patrick W. Gross
Bruce Guthrie
Adela and Donald Hall
Mrs. Gloria Shaw Hamilton
Robert V. and Rita S. Hanle
Mr. Niles Hanson
Ms. Helen Leale Harper
Mrs. Jane S. Hart
Mr. and Mrs. Max E. Harrl
Dr. and Mrs. Herbert A. Hartman, Jr.
The Honorable and Mrs. John Hechinger, Sr.
Mr. and Mrs. David Heebner
Robert M. and Gladys E. Henry
Catherine W. Herman
Dr. and Mrs. David C. Hess
Mrs. Virginia L. Hickman
Mrs. Gloria Hidalgo
Clara Jane Hill
Mr. William M. Hollis, Jr.
and Andrea M. Baldeck, M.D.
Mr. and Mrs. Stephen A. Hopkins
Mr. and Mrs. Peter House
Mr. Tommy D. Hughes
Mrs. Peter D. Humleker, Jr.
Mrs. Elizabeth L. Hunter
R. Bruce Hunter
Mrs. Jane Hunter-Mac Millan
Mr. Joshua R. Icore
Mr. L. R. Ingels
John B. Ippolito, Diane M. Laird- Ippolito
Doctors Jay and Mary Anne Jackson
David A. Jacques
David and Pat Jernigan
Mr. and Mrs. Arthur W. Johnson
Mrs. Roy Johnson
Mr. and Mrs. Samuel C. Johnson
W. Johnson
Mr. and Mrs. Stanley B. Jones
Mr. Sheldon T. Katz
Ina and Jack Kay
Shelley Kay
Stephen C. Keeble and Karen Depew
Ms. Jettie Kelly
Anne B. Kennedy
Dr. Rebecca Kenyon
Mrs. Virginia W. Kettering
Mr. and Mrs. Clark H. Kilhefner
Mr. James V. Kimsey
Dr. William M. King
Mr. and Mrs. Norman V. Kinsey
Mr. Edward J. Kirby
Ms. Elizabeth Gelman Kossow
Irene Daniell Kress
Robert E. and Elizabeth W. Krueger
Mrs. James S. Lacocke
Judge Marion Ladwig
Dr. and Mrs. Emanuel Landau
Mrs. Stephens J. Lange
Janet E. Lanman
Dr. and Mrs. LaSalle D. Leffall, Jr.
Mrs. William Leonhart
Mr. William B. Levin
and Ms. Canice Kelly Levin
Mrs. Jean C. Lindsey
Dr. and Mrs. John G. Lodmell
Mr. Frank J. Lukowski
Dr. Steven Lunzer
Edmund C. Lynch, Jr.
Mr. and Mrs. Fred W. Lyons, Jr.
Mr. and Mrs. Richard L. Mahfouz
Dr. (CDR) Hugh M. Mainzer and Ms. Jill Jarecki
Mr. and Mrs. Jack A. Mark
Mr. and Mrs. Forrest E. Mars, Jr.
Ms. Virginia C. Mars
Mr. Frederick P. Mascioli
Major General Raymond E. Mason Jr.
and Margaret E. Mason
Dr. Thomas R. Masters
Wayne and Tina Mathews

Mr. and Mrs. Edward J. Mathias
Mr. James I. McAu'lliff
Emmett and Miriam McCoy
Richard and Vivian McCracy
Mr. and Mrs. Clayton McCuistion
Mr. and Mrs. John D. McLean
Meriam McNiel
Scott McVay
Mr. Paul Mellon†
Sue B. and Eugene Mercy, Jr.
Mr. and Mrs. Richard M. Merriman
His Excellency Sir Christopher Meyer,
KCMG
Mr. George H. Miller
Mr. and Mrs. Herbert S. Miller
Jerry M. Miller and Dorothy T. Miller
Mr. Peter Monroe
Mrs. Rosalis Montgomery
Mr. and Mrs. Michael A. Moran
Mr. Robert E. Mortensen
Mr. and Mrs. Kenneth F. Mountcastle
Dr. Gary L. Mueller and Dr. Carolyn
R. Mueller
Dr. J. Andrew Mulholland
Mr. and Mrs. Raymond E. Murray
Mr. and Mrs. Eric B. Nettere
Mrs. Frances Newman
Mary L. Nucci and Abraham
Abuchowski
Dr. and Mrs. J. Dennis O’Connor
Ms. Nancy F. O’Connor
Beverly H. and William P. O’Hara
William and Jean O’Neill
James D. Oglevee and Susan Marie
Halliday
Mr. and Mrs. Steven E. Paes
Christine M. and Gregory J.
Parseghian
Mrs. Jefferson Patterson
Peacock Foundation, Inc.
Mr. Scott D. Pearson
C. Wesley and Jacqueline Peebles
Mrs. Joseph S. Pendleton
Mr. J. Liddon Pennock, Jr.
George and Sally Pillsbury
Mr. John Pitts, Sr.
Jane P. Plakias
Carol Pochardt
Mr. and Mrs. Leon B. Polsky/The
Polsky Foundation
Mr. and Mrs. Henry Posner, Jr.
The Rev. and Mrs. Charles Price
Mrs. Melville J. Price
Mr. and Mrs. Whayne S. Quin
Claire and John Radway
Mr. Elmer Rasmussen

Mr. and Mrs. Norval L. Rasmussen
Mrs. Carol H. Ray
Mr. and Mrs. Michael F. Reagan
Mr. and Mrs. Edward H. Rice
Mrs. Carlyn Ring
Doug Ring and Cindy Misickowski
Mrs. Dorothy Hyman Roberts
Ms. Nancy J. Robertson
and Mr. Mark N. Cookingham
Mr. Arthur Rock
The Honorable John D. Rockefeller,
IV and Mrs. Rockefeller
Mrs. I. Alfred Rosenbaum, Jr.
Dr. Norman Rosenzweig
Mrs. Yvonne W. Roth
Marya Rowan
Ms. Marcia Rubenstein
Marcos and Dina Russek
Mr. William R. Salomon
Albert and Thelma Sbar
Ambassador James H. Scheuer
and Emily Malino Scheuer
Mr. and Mrs. Douglas R. Scheumann
Roger P. and Nancy L. Schlemmer
Elizabeth and Edwin Schreiber
Frank and Emily Scott
Mrs. Robert D. Scott
Mr. and Mrs. S. Norman Seastedt
Mr. and Mrs. David M. Shapiro
Mr. and Mrs. Paul M. Shatz
Mr. Winslow T. Shearman
Allan E. Shore
Mr. Alan B. Showalter
Mr. Frank Shrontz
Charles Siegel
Ms. Tammy Sisson
Dr. Lionel J. Skidmore and Dr. Jean
M. Karle
Mrs. David E. Skinner
Dr. Harvey C. Slocum, Jr.
Sandra and Larry Small
Gretchen Smith Crow
Dr. Frank Smith
General and Mrs. William Y. Smith
Mr. and Mrs. Michael R. Sonnenreich
Mr. and Mrs. John L. Sparks
Harriet and Edson Spencer
Mrs. Colletta E. Sperling
Mr. Bernie Stadiem
Mr. Sydney Staffin
Dr. Marjorie L. Stein
Ann C. Stephens
Mr. and Mrs. William C. Sterling, Jr.
Mr. and Mrs. Joseph T. J. Stewart
Mr. and Mrs. Franz T. Stone
Shepard and Marlene Stone
Mr. Roy T. Strange
Mr. Ernest C. Swigert

†Deceased
Ms. Marjorie E. Thomas
Mr. Stephen Tilton
Mrs. Helen Brice Trenckmann
Ms. Eva F. Tully
Mr. James F. Turner
Mr. M. S. Ursino
Colonel and Mrs. W. G. Van Allen
Mr. and Mrs. L. Von Hoffmann
Colonel Harold W. Vorhies
Mrs. Robert Watcher
Dr. Wesley W. Walton
Craig and Catherine Weston
Mr. and Mrs. Richard H. Wherley
Mr. and Mrs. Ben White
Mr. and Mrs. Donald W. White
Mr. John K. White
The Honorable John C. Whitehead
Mrs. Elizabeth Williams
Mr. and Mrs. Wesley S. Williams, Jr.
Ms. Kirsten Wilson and Mr. Johnny Bivera
Dr. and Mrs. Ralph Wilson
Mr. and Mrs. Wallace S. Wilson
Joseph G. and Michael M. Wirth
Mr. and Mrs. Robert W. Womble
Mrs. Jane Ludwig Worley
Mr. and Mrs. Richard E. Wright
Ms. Alice Wroblewski
Mrs. Charlotte Shirley Wyman
Mary L. Zicarelli The Zicarelli Foundation
Anda and Henri Zimand
Nancy Behrend Zirkle
Mrs. Sidney S. Zlotnick

Mr. Richard A. Bideaux
Edwin W. Bitter
Dr. and Mrs. William Beaty Boyd
Lee Bronson
Dr. Ruth D. Bruun
Mrs. George E. Burch
Mrs. Arthur J. Burstein
Mrs. Hyman Burstein
Mr. and Mrs. Maxwell Burstein
Dr. and Mrs. Benjamin H. Caldwell, Jr.
Lawson J. Cantrell
Mr. Allan Caplan
Mrs. George H. Capps
Carol Chiu
Mr. and Mrs. Thomas G. Cleveland
Dr. and Mrs. George L. Compton
Dr. and Mrs. Roger Cornell
Dr. and Mrs. E. J. Cunningham
Dr. Bruce E. Dahling, II
Mr. Sam DeVincent
Mrs. Peter N. Delanoy
Mr. John R. Doss
Mr. and Mrs. Willard D. Dover
Edward R. Downe, Jr.
Dr. Dale B. Dubin
Mr. and Mrs. Willis H. Dupont
Mr. Joseph M. Erdelac
Thomas M. Evans
Dr. and Mrs. Dan Feriozi
Mrs. Walter B. Ford, II
Dr. and Mrs. Phillip Frost
Mrs. Edwin Fullinwider
Dr. and Mrs. Lawrence Andrew Funt
Mrs. George Garfield
Dr. and Mrs. Lamont W. Gaston
Mr. Kirkland H. Gibson
C. Paul and Pat S. Gilson
Mr. and Mrs. Stephen P. Gott
Mrs. W. G. Gould
Dawn Greene
Doris Stack Greene
Mrs. Chaim Gross
Mrs. Melville Hall
Mr. and Mrs. Don C. Harrold
Mrs. Enid A. Haupt
Mr. and Mrs. Wayne C. Hazen
Edward L. Henning
Mr. and Mrs. Joseph Hirshhorn
Mr. Paul Horgan
Mr. and Mrs. George H. Jacobus
Mr. and Mrs. Jacob Keinan
Mr. and Mrs. Donald E. Kastner
Dr. Annette Kaufman
Dr. and Mrs. Arthur A. Kirk
Peter Merrill Klein
Blanche M. Koffler
Mrs. Lewis Kurt Land

Life Members

Prior to 1983, Life Members were appointed to the James Smithsonian Society in recognition of significant, one-time contributions to the Institution.

Mr. and Mrs. Joe L. Allbritton
David K. Anderson
Mr. and Mrs. William S. Anderson
Mr. Ronald P. Anselmo
Mr. Scott R. Anselmo
Dr. and Mrs. Herbert Axelrod
Richard R. Bains
Mr. and Mrs. F. John Barlow
Mrs. Donald C. Beatty
Mrs. Henry C. Beck, Jr.
Mrs. Ralph E. Becker
Mrs. Edward B. Benjamin
Mrs. John A. Benton
Dr. and Mrs. William B. Berry
Dr. and Mrs. B. N. Bhat
Mr. David Landau
Dr. Maury P. Leibovitz
Mr. and Mrs. L. E. Leininger
Harry E. and Jane E. Lennon
Mrs. Sara L. Lepman and Mr. Joshua M. Lepman
Mr. and Mrs. John Levey
Mr. and Mrs. Robert Levey
Mrs. Frances Lewis
Mrs. Jack Lord
Adele Lozowick
Mrs. Robert Magowan
Dr. and Mrs. Leo J. Malone
Mr. and Mrs. Richard A. Manoogian
John A. Masek
Mrs. Vincent Melzac
Mr. and Mrs. Jack L. Messman
Mr. W. A. Moldermaker
Dr. and Mrs. Walter A. H. Mosmann
Mr. and Mrs. Joe H. Mullins
Dr. and Mrs. Marvin Murray
Mr. Mortimer L. Neinken
Dr. Melanie Newbill
Mrs. Henry K. Ostrow
Mrs. Rudolf Pabst
The Honorable G. Burton Pearson, Jr.
and Mrs. Pearson
Mr. and Mrs. Wallace R. Persons
Mr. and Mrs. Edward M. Pflueger
Mrs. John Alexander Pope
Mrs. Abraham Rattner
Kare Rinzler
The Hon. Thomas M. Roberts
The Honorable Martin J. Roess
Dr. and Mrs. Richard G. Rogers, Jr.
Mr. Arthur Ross
Mr. and Mrs. Peter G. Sachs
Mr. Harry L. Saul
Mrs. Janos Scholz
Mr. and Mrs. Morton Silverman
Mr. and Mrs. Edward J. Slattery
Mrs. Helen F. Sloan
Mr. and Mrs. Robert H. Smith
Mr. and Mrs. Sherwood Smith
Mrs. Otto Spaeht
Earl and Trudy Spangler
Mr. Stuart M. Speiser
Mr. and Mrs. Harvey G. Stack
Mr. and Mrs. Norman Stack
Mr. and Mrs. Norman H. Scavisky
Dr. and Mrs. Leo F. Stornelli
Mr. and Mrs. E. Hadley Stuart, Jr.
Mrs. Hans Syz
Mrs. Katherine S. Szyniec
Mrs. Yen and Julia Tan
The Ruth and Vernon Taylor Foundation
Mrs. David J. Tepper
Mr. Richard W. Thomssen
Mr. Bardyl R. Tiran
Mr. Glenn O. Tupper
Lillian Scheffres Turner
Dr. and Mrs. Adolfo Villalon
Dr. and Mrs. Francis S. Walker
Mr. and Mrs. C. C. Wang
Dr. and Mrs. Thomas E. Whiteley
Mr. and Mrs. Thomas J. Williams
Mr. Archibald M. Withers
Mrs. David O. Woodbury
Mr. Stanley Woodward
Mr. and Mrs. James Wu
Mr. and Mrs. Barry Yampol

Bequests
We remember with appreciation the following generous donors whose gifts through bequests from their estates were received this year.

Richard Ree Anthis
Edna F. Blum
William A. Burleson
Jean M. Chisholm
Karl H. Hagen
Marie R. Hosea
Janet W. Johnson
Theodore A. Krieg
Curtis W. Sabrosky
Carol T. Shore
Donald Sultner
Victor J. Van Lint
Albertus T. VanDuren
Annie A. Wetmore

Smithsonian
Washington Council

The Smithsonian Washington Council, an initiative established in 1997 by the Secretary and regional leaders, is dedicated to expanding the Smithsonian’s relationship with the entire Washington region.

R. Robert Linowes, Chairman
Jin Hyun Ahn
John M. Brophy
Oliver T. Carr
Emilio Fernandez
Lee M. Folger
Donald E. Graham
J. Roderick Heller III
Kathleen Hough

James V. Kimsey
Robert Kogod
Robert Lehman
Irene Pollin
James J. Rouse
Vicki Sant
William H. Swanson
Ladislaus von Hoffmann

Smithsonian Legacy Society

The Smithsonian Legacy Society honors our friends who carry on James Smithson’s tradition by making legacy gifts to the Smithsonian, such as bequests, charitable gift annuities, charitable remainder trusts, pooled income fund gifts, gifts of retirement and life insurance plans, and other giving vehicles.

Mrs. Gloria Shaw Hamilton,
Founding Chairman
Anonymous (9)
Mr. H. V. Andersen
Mr. and Mrs. William S. Anderson
Mrs. J. Paul Austin
Mr. and Mrs. William R. Baecht
Col. and Mrs. Joseph S. Benham
George and Bonnie Bogumill
Mr. Richard L. Bolling
Mr. and Mrs. Mark Boone
Mrs. Agnes M. Brown
Mr. Patrick Butler
Mr. Berchman T. Carville
Mr. Michael W. Cassidy
Fenner A. Chace, Jr.
Mr. Harry R. Charles, Jr.
Mr. Louis P. Clark
Mr. Earl Clayton
Mr. Lawrence G. Clayton
The Honorable Barber B. Conable, Jr.
and Mrs. Conable
Ms. Patricia Daniels
Mr. Dennis O. Dixon
Mr. and Mrs. Ralph L. Dixon
Dr. Harold A. Dunlee
Mr. and Mrs. William C. Durton
Mr. John M. Elling
Mr. and Mrs. George W. Elliott
Mrs. June M. Fontanier
Mr. Oscar Galeno
Mr. and Mrs. Arthur W. Gardner
Mrs. Aileen M. Garrett
Mr. Gilbert W. Glass
Mr. Charles Goldsberry
D. L. Hasse
Mr. Lloyd E. Herman
Mr. and Mrs. Carl D. Herold
Dr. and Mrs. David C. Hess
Frank and Lisina Hoch
Miss K. T. Hoffacker
Mr. and Mrs. A. William Holmberg
Ms. Hanna Lore Hombrody
Catherine Marjorie Horne
Dr. and Mrs. Lee Houchins
Mrs. Edgar McPherson Howell
Mr. John R. Huggard
Mr. Thomas L. Humphrey
Dr. and Mrs. James C. Hunt
Mr. and Mrs. Milton M. Hyatt
Mr. Joseph E. Johnson
Ms. Judy Kaselow
Miss Narinder K. Keith
Miss Rajinder K. Keith
Ms. Moselle Kibler
Mrs. Bessie M. Koehler
John and Mary Lu Koenig
Lt. Col. William K. and Mrs. Alice S. Konze
Ms. Lee Kush
Dr. Geraldine E. La Rocque
Mrs. James Spencer Lacock
Mr. and Mrs. Philip A. Lathrap
Mr. and Mrs. Bruce Leighty
Ms. Eleanor L. Linkous
Ms. Shirley Loo
Mr. Arton C. Love
Dr. and Mrs. Burton N. Lowe
Mr. Frank J. Lukowski
Mr. Ronald W. McCain
Mr. and Mrs. Richard B. McCrady
Miss Minnie Belle McIntosh
Ms. Lowen McKay
Mr. and Mrs. Allen McReynolds, Jr.
Mr. and Mrs. Carl Mikuletzky
Mr. and Mrs. Mike Mitchell
Mrs. Jane R. Moore
Mr. and Mrs. Roger K. Myers
Colonel Erickson S. Nichols
Mrs. Jefferson Patterson
Mr. Paul L. Peck
Mr. and Mrs. David S. Purvis
Mr. and Mrs. Frank K. Rabitt
Mr. and Mrs. Galen B. Rathbun
Sanae I. and Douglas E.† Reeves
Mr. Robert A. Rice
Mr. and Mrs. Robert F. Rick
George W. and Margaret P. Riesz
Mr. Stuart W. Rosenbaum
Mr. Edward H. Sachtelen
Lloyd G. and Betty A. Schermer

†Deceased
Memorial and Commemorative Gifts

The following were so honored by their families and friends.

Steve Diamond
VADM Donald D. Engen, USN (Ret.), former director of the National Air and Space Museum
Barbara Fleischman
William T. Hardaker
Fredrick M. Hecht
Alice Eve Kennington
Frederick Krieg
Swoosie Kurtz
Jerome H. Lemelson
James F. Lynch
Dr. and Mrs. Edward S. Miller
Judith Peck
Robert Rodman
Jean Rubley-Adams
Charles E. Sampson
J. T. Vida
William J. Woolfenden

Donors of In-Kind Support

Airbus Industries of North America, Inc.
American Airlines, Inc.

Aviation Week
BARCO Projection Systems
British Airways
Bushnell Sports Optics Worldwide
CH2M Hill Companies Ltd.
Continental Airlines, Inc.
Delta Air Lines
Envelope Manufacturers Association
Hach Company
Hallmark Cards, Inc.
Hewlett-Packard Company
Mr. James Houghton
Jackson & Tull
Kalmbach Publishing Co.
Mrs. Patricia Kenner
Kinko’s Copies
Mr. Albert G. Lauber Jr.
Mr. and Mrs. Aaron Levine
Mrs. Jill Hornor Ma
National Film Preservation Foundation
Oldies 100 FM WBIG
Mr. Virgil Ortiz
The Recording Industries Music Performance Trust Funds
Joseph E. Seagram & Sons Inc.
Southern Company
Southwest Airlines
Telemundo Group, Inc.
Trimble Navigation Limited
United Airlines, Inc.
US Airways, Inc.
U.S.A. Direct, Inc.
The Washington Times
WGMS 103.5
Donors

The Board of Regents and the Secretary of the Smithsonian Institution join with the entire staff in thanking all of the Institution’s friends for the generosity they have shown with their financial support, gifts to the collection, and in-kind donations. Gifts are recorded under the title of the recipient bureau or office, with a brief description of the gift where appropriate. If perchance the name of any donor has been omitted from these lists, it is an inadvertence and in no way diminishes the Institution’s gratitude. Many gifts were received from donors who prefer to remain anonymous; the Smithsonian wishes to thank these people, as well, for their support.

Office of the Provost

Donors of Financial Support

$50,000 or more
Agnes Gund and Daniel Shapiro
Mr. and Mrs. Frank Martucci

$25,000 or more
Barbara G. Fleischman
Nancy Brown Negley

$10,000 or more
Leon D. Black
Mr. and Mrs. Gerald Buck
Mrs. McCauley Conner
Mr. and Mrs. Joseph G. Fogg III
Mr. and Mrs. Dwight M. Kendall
Robert and Jane Meyerhoff
Mr. and Mrs. Samuel C. Miller
Dr. Meyer P. and Dr. Vivian O. Potamkin
Mrs. Otto L. Spaeth

$5,000 or more
Warren and Jan Adelson
Mr. and Mrs. Herbert S. Adler
The Honorable and Mrs. Max N. Berry
Mr. and Mrs. Jack S. Blanton, Sr.
Mr. and Mrs. Donald J. Douglass
Mrs. Daniel Fraad
Mr. and Mrs. Hugh Halff, Jr.
Mr. and Mrs. Raymond J. Horowitz
Mr. and Mrs. John K. Howat
David Hudgens
Julius Lowy Frame & Restoring Co., Inc.
Mr. and Mrs. Gilbert H. Kinney
Mr. and Mrs. Sheldon Landau
Mr. and Mrs. Alvin S. Lane
Mr. and Mrs. Ronald S. Lauder
Mr. and Mrs. Meredith J. Long
Mr. and Mrs. Richard A. Manoogian
Matthew Marks
Annalee G. Newman
Republic National Bank
Mr. and Mrs. Richard Roob
Mrs. Stephen D. Rubin
Louisa Stude Sarofim
Mr. and Mrs. Theodore Slavin
Mr. and Mrs. A. Alfred Taubman

$1,000 or more
The Alfred E. Knopf Company
Arthur G. Altschul
Anonymous
Mr. and Mrs. Eugene Applebaum

Archives of American Art

Donors of Financial Support

$100,000 or more
The Beinecke Foundation, Inc.
The Brown Foundation, Inc.
Mr. and Mrs. Thomas M. Armstrong III
Dr. and Mrs. Robert L. Arnstein
Art Advisory Services, Inc.
Milton & Sally Avery Arts Foundation, Inc.
Anne Bass
Mr. and Mrs. Sid R. Bass
Karen Bechtel
Benjamin Moore & Co.
William L. Bernhard and Catherine Cahill
Dr. Annette Blaugrund
Irving Blum
Mary Boone
Mr. and Mrs. John Bowes
Ruth Bowman
Mr. and Mrs. Jay R. Braus
Mr. and Mrs. Eli Broad
Donald L. Bryant, Jr.
Henry Buhl
Dr. Irving F. Burton
Hugh Bush
Constance Caplan
Dr. and Mrs. Robert E. Carroll
Christie's, Inc.
Condé Nast Publications Ltd.
Ellen R. Cooper
Paula Cooper
Mr. and Mrs. Jack Cowart
Mr. and Mrs. Raymond M. Cracchiolo
Therese Crandall
Mr. and Mrs. Lewis B. Cullman
Yvonne de C. Segerstrom
Michael and Dudley Del Balso
Mr. and Mrs. Charles M. Diker
Mr. and Mrs. Joel S. Ehrenkranz
Mr. and Mrs. Andre Emmerich
Mr. and Mrs. Anthony Enders
Mr. and Mrs. Ahmet M. Ertegun
Gwen Feder and Ran Kohn
Mr. and Mrs. Donald G. Fisher
Mr. and Mrs. Miles Q. Fitterman
Mr. and Mrs. Sidney Forbes
Debra Force
Mr. and Mrs. Robert J. Friedlander
Mr. and Mrs. Richard S. Fuld, Jr.
Mr. and Mrs. Julian Ganz, Jr.
Barbara Goldsmith
James Goodman
Mr. Paul Gottlieb and Ms. Elisabeth Scharlatt
Dagmy Janss Grant
Mr. and Mrs. Robert S. Greenbaum
Mr. and Mrs. Bernard A. Greenberg
Mr. and Mrs. Peter E. Haas
Mr. and Mrs. John M. Haddow
Peter R. Halley
Joseph Helman
Mr. and Mrs. F. W. Herlitz
Mr. and Mrs. Frank W. Hoch
David Hockney
Robert Hoehn
Dr. Linda Hyman
Milton and Sheila Hyman
Mr. and Mrs. Richard J. Janes
Wendy Jeffers
Dr. Helen I. Jessup
Mr. and Mrs. Jacob Kainen
Mr. and Mrs. Bruce Karatz
Mr. and Mrs. Alex Katz
Walter Keating
Robert Kidd
Mr. and Mrs. John Klingenstein
Mr. and Mrs. Werner H. Kramarsky
Kraushaar Galleries
Nanette L. Laitman
Mr. and Mrs. Leonard A. Lauder
Naomi Leff
Melvin and Thelma Lenkin
Mr. and Mrs. Perry A. Lerner
Mr. and Mrs. Alan D. Levy
Mr. and Mrs. Robert E. Linton
M. Knoedler & Co.
Mr. and Mrs. Brice Marden
Stephen M excellent
Kathryn McAuliffe and Jay Kriegel
Jay D. McEvoy
Nan Tucker McEvoy
Richard Meier
Dr. Martyna Miskinis
Museum of Contemporary Arts, Los Angeles
Jack Nash
Lynne Nesbit
Roy R. Neuberger
Eliot C. Nolen
Lois G. Oppenheimer
Pacific Art Foundation
Mr. and Mrs. Richard E. Pare III
Mr. and Mrs. Leon B. Polsky
Mr. David Rockefeller, Sr.
Mr. and Mrs. Felix G. Rohatyn
Nicholas Rohatyn and Jeanne Greenberg
Eric Rudin
Mr. and Mrs. Keith Sachs
Mr. and Mrs. Ira Sahlman
Mr. and Mrs. Walter Scheuer
Mr. and Mrs. Alan E. Schwartz
Judith Selkowitz
Mrs. Stuart R. Shambler
Mr. and Mrs. Robert F. Shapiro
Joel Shapiro and Ellen Phelan
Susan Sheehan
John Silberman
Mr. and Mrs. Alan B. Slifka
Mr. and Mrs. Richard Solomon
Sotheby's
Mr. and Mrs. Jerry Spiegel
Mr. and Mrs. Harry Spiro
Roselyne C. Swig
Rose K. Tarlow
Melinda Thompson and James Rosenquist
Judith Ogden Lady Thomson
The Truettner Foundation
Helen S. Tucker
Mr. and Mrs. Thurston Twigg-Smith
Mr. and Mrs. Paul Waldman
Mrs. Paul L. Wattis
Mr. and Mrs. William H. Weed
Jerome Westheimer
Gertrude Wilmers
Mrs. Wallace S. Wilson
Mr. and Mrs. C. A. Wimpfheimer
Mr. and Mrs. C. Bagley Wright

$500 or more

Dr. Stephen Andrus
Mr. and Mrs. Robert Bahssin
Elizabeth Calhoun Baker
Louis C. Baker
Dr. and Mrs. James Bannon
Mrs. Will Barnett
Kay Sprinkel Beaumont
Paul Beirne
Mrs. Edwin A. Bergman
Karen Johnson Boyd
Mrs. John Lee Bunce
Mr. and Mrs. John W. Butler
Mr. and Mrs. Howard B. Camden
Jay Cantor
Mr. and Mrs. Ralph C. Chapa
Mrs. Robert J. Chapman
Albert Cohn
Dr. and Mrs. C. Arnold Curry
Maria Mercedes de Medina
Mr. and Mrs. Brian Dillon
Mr. and Mrs. Cameron B. Duncan
Mr. and Mrs. Barney A. Ebsworth
Ann Eisenberg
Mr. and Mrs. Robert Emett
Mr. and Mrs. Christian P. Erdman
Mr. and Mrs. Arthur Fleischer, Jr.
Martha J. Fleischman
Helena Fraser
Mr. David A. Gardner and Ms. Lynn Shostack
Mr. and Mrs. Yale Ginsburg
Sarah and Seth Glickenhaus
Dr. and Mrs. Frank C. Glover
Mr. and Mrs. Richard Gray
Edith Greenwood
Sylvia Guggenheim
Dr. and Mrs. Reginald Harrett
Nancy M. Herstand
Patricia Johanson
Maxine C. Johnson
John Lowell Jones
Mr. Wolf Kahn and Mrs. Emily Mason
Karl L. Koss
Ronald and Mary Lamparter
Dr. and Mrs. Kim K. Lie
William S. Lieberman
Marion Lynton
Nancy H. Manella
Judge Nora M. Manella
Mr. and Mrs. Tom F. Marsh
Barbara Mathes
Mr. and Mrs. Robert B. Menschel
Mr. and Mrs. Howard Milstein
Mr. and Mrs. Lester S. Morse, Jr.
Katherine H. Coudon Murphy
Evelyn Stefanoff Nef
Claire O. O'Malley
Janice C. Oresman
Mr. and Mrs. Samuel Oroshnik
Mr. and Mrs. Robert H. Pastor
Elizabeth M. Petrie
Mr. and Mrs. Bernard E. Pincus
Dr. Martin S. Posner
Marsha Ralls
Mr. and Mrs. Dana M. Raymond
Mr. and Mrs. Jock Reynolds
Lois Ribicoff and A. A. Ribicoff
Mr. and Mrs. Robert B. Rosowski
Faye Zarofim
Barbara Schneider
Mr. and Mrs. Morton L. Scholnick
Sydney L. Shaper
Mr. and Mrs. Peter L. Sheldon
Mr. and Mrs. Morris P. Silver
Daniel Slot
Mrs. Howard Smits
Mr. and Mrs. Alvin L. Snowiss
Mrs. Ronald P. Stanton
Nancy Teichner
Mara Thorpe
Barbara and Donald Tober
Dean Valentine
Karen M. Van Antwerp
Vose Galleries of Boston
Duane A. Wakeham
Joan Washburn
Mr. and Mrs. Dave H. Williams
Mr. and Mrs. Harold Zlot

$250 or more

Mr. and Mrs. M. Bernard Aidinoff
Dr. Lourdes V. Andaya
Mr. and Mrs. Donald C. Austin
Brenda P. Ballin
Georgia B. Barnhill
Bogdan Baynert
Geoffrey C. Beaumont
Sherman Becker
Mrs. George Berlinger
Berry-Hill Galleries, Inc.
Mr. and Mrs. Charles L. Biggs
Esther Bloch
Roger and Nancy Boas
Mr. and Mrs. Paul Borman
Dr. and Mrs. Philip L. Brewer
Mr. and Mrs. Lester S. Burton
John W. Butler, Jr. and John M. VanderLinden
Rosalie K. Butzel
Mr. and Mrs. David M. Chamberlain
Mr. and Mrs. Robert Charleston
Elaine Lustig Cohen
Mrs. Norbert Considine
Mrs. Lammot DuPont Copeland
Priscilla Cunningham
Catherine G. Curran
Diana Gornick Day
Mr. and Mrs. Irwin Deutch
Mr. and Mrs. Richard P. Doerer
Mr. and Mrs. Robert W. Doran
Joel S. Dryer
Dorothy Dunitz
Mr. and Mrs. Robert Eichenberg
Mr. and Mrs. Alex J. Etkin
Carol J. Feinberg
Mr. and Mrs. John J. Ferron
Mr. and Mrs. David B. Findlay, Jr.
Mr. Blaine V. and Mrs. Diane A. Fogg
Dr. and Mrs. Jacob B. Freedman
Mrs. John S. French
Mr. and Mrs. Walter J. Fried
Elizabeth H. Fuller
Frederic J. Fuller, Jr.
Mrs. Frank Germack, Jr.
Mr. and Mrs. Robert Gersh
Lawrence J. Goldrich
Mr. and Mrs. Leonard Goodman
Mr. and Mrs. Robert C. Graham, Jr.
Mr. and Mrs. Thomas B. Green
Mr. and Mrs. Charles R. Grigg
Rachel K. Grody
Philip J. Hahn
John W. Harris
Mrs. E. H. Heaton
Louise Hodgson
Mr. and Mrs. Benjamin D. Holloway
Mrs. William White Howells
Mrs. Philip Iselin
Mrs. David Jacknow
Mr. and Mrs. David Jensen
Mr. and Mrs. Donald J. Katz
Trudi Kaczlov
Dr. and Mrs. Charles Kessler
Janet Wright Ketchem
Mrs. John M. Kingsland
Ruth and Alfred Koeppel
Robert P. and Arlene R. Kogod
Mrs. Roger Kyes
Dr. and Mrs. Myron M. LaBan
The Honorable Charles L. Levin
Mira Linder
Mrs. Richard M. Livingston
Mr. and Mrs. Peter Lunder
Mrs. William B. Macomber
Susan McClatchy
Mrs. John N. MacNaughton
Mrs. A. A. Minowitz
Mrs. Edward P. Moore
Mr. and Mrs. Donald F. Morris
Raymond D. Nasher
Caren Nederland, Ph.D.
Dr. and Mrs. Kevin T. O’Donnell
Mr. and Mrs. Irving W. Rabb
Mr. and Mrs. Leo Rabkin
Mrs. James A. Rawley
Elizabeth Richebourg Rea
Sheila Robbins
Florence R. Rolfe
Mrs. Harry Rubin
Mr. and Mrs. Abbott K. Schlain
Mr. and Mrs. Thomas L. Schoenith
Lillian Schwartz
Mr. and Mrs. Frederic A. Sharp
Cameron M. Shay
Dr. and Mrs. Robert R. Silver
Mr. and Mrs. Gilbert B. Silverman
Mr. and Mrs. Robert Skotheim
Mina L. Smadbeck
Betty S. Smith
Mrs. Markley Spivak
Mrs. Lee T. Sprague
Martha Roby Stephens
Bayard and Frances Storey
Mr. and Mrs. George Strumbos
Bernard E. Sullivan
Vance Jordan Fine Art Inc.
Elizabeth Von Wentzel
Robert C. Vose III
Mr. and Mrs. William C. Wallstein
Mr. and Mrs. Alvin Wasserman
Ruth Westphal
Wildenstein & Co., Inc.
Paul W. Wormer
William Patrick Young
Robin Zendell and Paul E. Taylor III
Freer Gallery of Art and Arthur M. Sackler Gallery

$10,000 or more
(Sponsor’s Circle)

Duron, Inc./The Feinberg Foundation
Ebrahimi Family Foundation
Medical and Science Communications
Development Corporation
The Arthur M. Sackler Foundation
Toyota Motor Sales USA, Inc.

$5,000 to $9,999
(Founder’s Circle)

Anonymous
Mr. and Mrs. William Beierwaltes
The Hon. Max N. Berry and Mrs.
Berry
Mrs. Jackson Burke
Mr. and Mrs. Roger E. Covey
Ms. Martha Feltenstein
Mr. and Mrs. Hart Fessenden
Dr. Margaret Goodman
Mr. and Mrs. James J. Lally
R. Robert and Ada H. Linowes Fund
of the Community Foundation for
the National Capital Region
Mr. and Mrs. David M. Osnos
Mrs. John A. Pope
Mr. Robert Rosenkranz and Ms.
Alexandra Munroe
Mr. and Mrs. Arthur F. Sackler
Dr. Elizabeth A. Sackler
Mrs. Else Sackler
Mrs. H. William Tanaka

$2,500 to $4,999
(Director’s Circle)

Harriet Ames Charitable Trusrs
Vinton G. and Sigrid T. Cerf
Mr. and Mrs. Willard G. Clark
Mr. Jeffrey P. Cunard
Mr. and Mrs. Richard M. Danziger
Mr. and Mrs. Arun K. Deva
Mr. and Mrs. Giuseppe Eskenazi
Mrs. Myron S. Falk, Jr.
Mr. and Mrs. George J. Fan
Dr. Kurt A. Gitter and Mrs. Alice R.
Yelen
Mr. and Mrs. Peter Haas
Mr. and Mrs. George W. Haldeman
Sir Joseph E. Horning
Mr. and Mrs. Raymond Hung
Mrs. H. Kaveeswar
Mr. and Mrs. Gilbert H. Kinney

Mr. Albert G. Lauber, Jr., and Mr.
Craig W. Hoffman
Mr. and Mrs. Yo-Yo Ma
Mr. and Mrs. Herbert S. Miller
Mrs. Lewis T. Preston
Dr. and Mrs. David L. Raphling
Mr.* and Mrs. Douglas F. Reeves
Dr. and Mrs. Kenneth X. Robbins
Karol K. Rodriguez
Ms. Diane Schaefer and Dr. Jeffrey
Stein
Sara D. and Roy A. Schotland
Mrs. Richard E. Sherwood
Mr. and Mrs. James Shinn
Mr.* and Mrs. H. Robert Slusser
Mr. Robert C. Tang, S.C.
Mr. and Mrs. Benjamin Zucker

$1,000 to $2,499
(Patron’s Circle)

Dr. and Mrs. Bruce Alberts
Mr. and Mrs. Steven Ames
Mr. and Mrs. David Austern
Bajaj Family Foundation, Inc.
Mr. and Mrs. Robert H. Baker
Mr. and Mrs. William D. Basket III
Ms. Susanne K. Benner
Mr. and Mrs. John T. Bennert
Mr. and Mrs. Dries Blirz
Mr. and Mrs. William T. Breer
Mr. and Mrs. Jere Broh-Kahn
Mr. and Mrs. John B. Bunker
Mr. and Mrs. Howard Burpee
Ms. Ruby Chan and Mr. Edward Wan
Mrs. Nien Y. Cheng
Joan Lebold Cohen and Jerome A.
Cohen
Mr. Thomas Colville
Mr. Richard Cooper and Ms. Judith
Areen
Mr. and Mrs. John R. Curris, Jr.
Mr. and Mrs. Curtis Cutrer
Mr. and Mrs. Michael de Havenon
Mr. and Mrs. Ashish D. and Dinyar
S. Devitre
Dr. Willem J. R. Dreesmann
Mr. and Mrs. John L. Eastman
Mr. Robert H. Ellsworth
Mr. and Mrs. John H. Enns
Mr. and Mrs. James G. Evans
Ms. Patricia Falk
Dr. and Mrs. Robert S. Feinberg
Dr. and Mrs. Horace Z. Feldman
Ms. Ellen L. Frost and Mr. William F.
Pedersen
Dr. Edward K. Gamson
Mr. and Mrs. Donald Gavin

Mr. and Mrs. Hitendra Ghosh
Mr. and Mrs. James B. Godfrey
Dr. and Mrs. Walter Y. Goo
Mrs. Burton Gray
Mr. Howard Griffin and Mr. Michael
Dompas
Mr. and Mrs. Joseph H. Gurtenrug
Mr. and Mrs. Samuel Halpern
Mr. and Mrs. Anthony J. Hardy
Mr. and Mrs. Erwin Harris
The Hon. Richard M. Helms and Mrs.
Helms
Mr. John B. Henry and Ms. Ann
Crittenden
Mr. and Mrs. William Herbst
Mr. Koji Higashiyama
Mr. and Mrs. Kenneth S. Hitch
Dr. Josephine Huang and Mr. An L.
Huang
Mr. Sebastian Izzard
Mrs. Rolf Jacoby
Mr. and Mrs. Philip C. Jessup, Jr.
Ms. Shirley Z. Johnson and Mr.
Charles Rumph
Mr. and Mrs. Stanton Jue
Dr. and Mrs. Rajesh S. Kadian
Mr. and Mrs. Andrew Kahane
Mr. and Mrs. Ramesh C. Kapoor
Mr. Subhash Kapoor
Ms. Marie-Louise Kennedy
Ms. Miriam Kent
Mr. and Mrs. Kenneth Kramer
Dr. and Mrs. Gregory T. Kruglak
Mr. and Mrs. Jatinder Kumar
Mr. Navin Kumar
Mr. and Mrs. Shau-wai Lam
Mr. Douglas A. J. Latchford
Mr. Robert Lehrman
Mrs. William Leonhart
Mr. and Mrs. Herbert Levin
Drs. Edmund and Julie Lewis
The Hon. James R. Lilley and Mrs.
Lilley
Ms. Ann Ling
Mr. and Mrs. Stephen Lo
Mr. H. C. Luce and Ms. Tina Liu
Dr. Robert W. Lyons and Dr. Virginia
P. Riggs
Mr. and Mrs. Peter Marks
Ms. Johanne Master
Mr. Takeo Mayuyama
Ms. Anne McIlvaine
Mr. Terence McInternery
Mr. and Mrs. Lawrence G. Meyer
Dr. Allen M. Mondzak
Mr. and Mrs. Robert L. Moore, II
Dr. and Mrs. Martin Morad
Mr. and Mrs. Seymour Moskowitz
Mr. and Mrs. Franc Wertheimer
Ms. Shelby White and Dr. Leon Levy
Ms. Doris Wiener
Ms. Nancy Wiener and Mr. Corwin Hamill
Mr. and Mrs. David Y. Ying

Gifts to Capital and Endowment Funds

$1,000,000 and above
Art Research Foundation
Mrs. Katharine M. Graham

$500,000 to $999,999
Anonymous

$100,000 to $499,999
Philip L. Graham Fund
The New York Community Trust—The Island Fund

$1,000 to $100,000
Ms. Kathleen A. Preciado

Annual Support for Programs and Projects

$100,000 and above
Anonymous
E. Rhodes and Leona B. Carpenter Foundation
Mary Livingston Griggs and Mary Griggs Burke Foundation
The Andrew W. Mellon Foundation
The Rockefeller Foundation

$50,000 to $99,999
Anonymous
Ebrahimia Family Foundation
Hughes Network Systems
The New York Community Trust—The Island Fund

$25,000 to $49,999
The American-Turkish Council and American Friends of Turkey
Duron, Inc./The Feinberg Foundation
Mr. and Mrs. Hart Fessenden
Juliet and Lee Folger/The Folger Fund
ILA Foundation, Chicago
Mr. and Mrs. Sushil Premchand

$10,000 to $24,999
The Banks Association of Turkey
Da Capo Fund
Deutsche Bank
Glaxo Wellcome, Inc.
Hong Kong Economic and Trade Office
Mr. Albert G. Lauber, Jr., and Mr. Craig W. Hoffman
R. Robert and Ada H. Linowes Fund of the Community Foundation for the National Capital Region
Ralph E. Ogden Foundation
Hazen Polsky Foundation, Inc.
Smithsonian Educational Outreach Fund
Ellen Bayard Weedon Foundation

$5,000 to $9,999
Joan and Peter Andrews
Dr. Thomas Lawton
Mr. H.C. Luce and Ms. Tina Liu
The Henry Luce Foundation, Inc., at the request of Mr. H. Christopher Luce
Mr. and Mrs. Yo-Yo Ma
Mallinckrodt, Inc.
Metropolitan Center for Far Eastern Art Studies
Min Chiu Society
Mr. and Mrs. David M. Osnos
University of Maryland
WETA
Mr. William F. Whalen and Ms. Nancy Mattson
Mr. and Mrs. David Y. Ying

$1,000 to $4,999
Dr. and Mrs. Melvin G. Alper
Anonymous
Bajaj Family Foundation, Inc.
Dr. and Mrs. Milo C. Beach
Mr. and Mrs. Vintron G. Cerf
Joan Lebold Cohen and Jerome A. Cohen
Mr. and Mrs. Richard M. Danziger
Ms. Ellen L. Frost and Mr. William F. Pedersen
Mrs. Edwin Gaines Fullinwider
Dr. Edward K. Gamson
Dr. Margaret A. Goodman
Mr. and Mrs. George W. Haldeman
Victor and Takako Hauge
Ms. Narinder K. Keith
Ms. Marie-Louise Kennedy
Jatinder Kumar, Trustee of APCA
Donors to the Collections—
Freer Gallery of Art

Dr. John Fuegi, from the “Large Fish Series,” Kurodai: black sea bream (Acanthopagrus schlegeli) and akadei: Red sea bream or golden tate, by Ando Hiroshige (1797–1858), Japan, ink and color on paper (F1998.312)

Dr. John Fuegi, from the “Large Fish Series.” Iseebi: Crawfish or spiny lobster and ebi: shrimp, by Ando Hiroshige (1797–1848), Japan, ink and color on paper (F1998.313)

Dr. John Fuegi, Corp. by Ando Hiroshige (1797–1858), Japan, ink and color on paper (F1998.314)

Dr. John Fuegi, Corp. by Taito II (flourished 1810–1843), Japan, ink and color on paper (F1998.315)

Dr. John Fuegi, Corp. by Tooyoi Hokkei (1780–1850), Japan, ink and color on paper (F1998.316)

Donors to the Collections—
Arthur M. Sackler Gallery


Catherine and Ralph Benkaim, coin, dated 1298–99 (reign of Ala-udin Muhammad, 1296–1316), India, gold ($1999.17)

Catherine and Ralph Benkaim, coin, dated 1328 (reign of Muhammad bin Tughluq, 1325–51), India, gold ($1999.18)

Catherine and Ralph Benkaim, coin, dated 1328 (reign of Muhammad bin Tughluq, 1325–51), India, gold ($1999.19)

Catherine and Ralph Benkaim, coin, dated 1563 (reign of Akbar, 1556–1605), India, gold ($1999.20)

A. Peter Burleigh, painting on Hindu themes, Nepal, 1715, distemper on cotton ($1999.2)

* In Memoriam

Dr. Kurt A. Gitter and Alice Rae Yelen, Landscape, by Kamedu Bosai (1752–1826), Japan, hanging scroll, ink and slight color on silk (F1998.311)

Dr. and Mrs. Leonard Gorelick, collection of stamp and cylinder seals, some with wax impressions, Ancient Near East, ca. 2500 B.C.–A.D. 651, assorted materials (F1999.6.1–64)

Laurence I. Hewes, III, in loving memory of Laurence I. Hewes, Jr., and Patricia E. Hewes, Korean Ambassadors Introduce Buddhism to Japan, Japan, 18th century, three panels from a folding screen (with mandala painting on the reverse of one panel), ink and color on paper (F1998.308.1–4)

Gift of Anne Hollis Reese, Mandarin Ducks, by Unkoku Toetsu (active late 18th–early 19th century), Japan, hanging scroll, ink and color on silk (F1998.310)

Gift of Douglas and Sanae Reeves, Tanzaku (poetry slip), by Otagaki Rengetsu (1791–1875), Japan, Edo period, 1869–70, ink on paper mounted on a hanging scroll (F1999.1)

Dr. Siddharrth Bhansali, Krishna and Cows at a Pond, India, Sirohi, 19th century, opaque watercolor on paper ($1999.6)

Dr. Siddharrth Bhansali, Bhuta mask of the deity Panjutri, India, State of South Karanataka, early 20th century, brass ($1999.7)


William E. Harkins, Actor in a No play, by Tsukioka Kogyo, (?1869–1927), Japan, early 1900s, woodblock print, ink on paper ($1998.295)


William E. Harkins, Crows in Moonlight, by Ohara Shoson (Koson) (1877–1945), Japan, after 1926, woodblock print, ink on paper ($1998.298)


William E. Harkins, tate (sea bream) and sake bottles, by Ogata Gekko (1859–1920), Japan, early 1900s, woodblock print, ink on paper ($1998.301)
William E. Harkins, *Carp and Wisteria*, by Ogata Gekko
(1859–1920), Japan, early 1900s, woodblock print, ink on paper
($1998.302)

William E. Harkins, *Dragonfly with Blossoming Square*, by Ogata Gekko
(1859–1920), Japan, ca. 1900, woodblock print, ink on paper
($1998.303)

William E. Harkins, print from the series *bijin hana kisou*, by Takahata Gyokusai
(1842–1913), Japan, 1890–1900, woodblock print, ink on paper
($1998.305)

William E. Harkins, *Woodblock train passing by Takanawa*, by Kawabata Koji
(1883–1960), Japan, 1892, woodblock print, ink on paper
($1998.306)

William E. Harkins, *Woman and child*, by Mizuno Toshikata
(1866–1908), Japan, 1892, woodblock print, ink on paper
($1998.307)

William E. Harkins, *Railroad train passing by Takanawa*, by Kawabata Koji
(1883–1960), Japan, 1892, woodblock print, ink on paper
($1998.308)

William E. Harkins, *Manikin*, by Ogata Kozan
(1859–1920), Japan, 1897, woodblock print, ink on paper
($1998.309)

(1883–1957), Japan, 1935, woodblock print, ink on paper
($1998.310)

Kubo Takuma, *Scorpion*, by Kubo Takuma
(born 1948), Japan, 1986, engraving, ink on paper
($1998.311)

Adrienne Manikin, group of nineteen folio pages, drawings and paintings,
Iran, Egypt, India and Tibet, 14th–19th century, ink, color, and gold on paper

Adrienne Manikin, group of seven dishes, Iran and Central Asia, 17th–19th century, glazed earthenware
($1998.219B.225)

Gift of Chieko and Tetsuya Ogawa, Iga vase, by Takahashi Rakusai III
(1898–1976), Japan, ca. 1940, Shigaraki ware, earthenware
($1998.157)

H. Ed Robison, Group of sixty prints, by Yoshida Hiroshi
(1876–1950), Japan, 1920–50, woodblock prints, ink on paper

The Elizabeth Woodbury collection of prints from Meiji Japan, group of ninety-four prints, by various artists, Japan, Meiji era
(1868–1912), woodblock print, ink and color on paper
($1999.22–115)

Capt. and Mrs. R. Zimmermann, *Seascape*, by Yoshida Hiroshi
(1876–1950), Japan, ca. 1900, watercolor on paper
($1998.308)

---

**Center for Folklife and Cultural Heritage**

**Donors of Financial Support**

$100,000 or more

New Hampshire Commission on the Smithsonian Folklife Festival
Romanian Cultural Foundation
South African Department of Arts, Culture, Science and Technology

$10,000 or more

Margelus Burga
Chase Manhattan Bank
Conservancy for Tibetan Art and Culture
Sprinters
Timken Foundation
Zero International, Inc.

$1,000 or more

ABC Medical P.C.
John Davis

Henry J. Fox Fund
GTE
General Electric
Louis B. Goldman, Altheimer & Gray
Richard Kurin
Claude Matasa
Mobil Foundation
Obie L. Moore
TransChem Finance & Trade Corp.
The Union and League of Romanian Societies of America, Inc.
VDG, Inc.
Robert L. Wald, Esquire, Baach, Robinson & Lewis
Wynelle W. White
The Young & Rubicam Foundation

$500 or more

Chemonics International Inc.
Daniel Coleman
Cornelia Golimbu
Gould Family Foundation
Ernest Harper
Goldie Hawn
Peggy Hitchcock
JULIU Maniu Foundation
Kate Kerr
MetaForm Inc.
Andrea Mitchell
Naomi Morales
Olimpia Neagoe
Elizabeth Sackler
Kuch M. Scott
Robert L. Sherman
The Smile Store
Carol Todd

**Donors of In-Kind Support**

Acme Paper & Supply Company.
Janitorial and paper products for the Smithsonian Folklife Festival.
Adams and Roy Inc. Labor and materials for New Hampshire program site, Smithsonian Folklife Festival.
Allegro Industries. Back supporters for the technical crew, Smithsonian Folklife Festival.
Alryan's Orchard. Loan of kitchen items for the New Hampshire program, Smithsonian Folklife Festival.
Appalachian Mountain Club. Participation in the New
Hampshire program, Smithsonian Folklife Festival.
Apple Hill Farm. Loan of kitchen items for the New Hampshire program, Smithsonian Folklife Festival.
Arnold M. Graton and Associates. Labor for covered bridge at the New Hampshire program, Smithsonian Folklife Festival.
Ashby & Associates Video Production Services, Inc. Loan of video equipment to document the Smithsonian Folklife Festival.
Arista. Canning jars for foodways demonstrations, Smithsonian Folklife Festival.
Attitash Bear Peak. Loan of Bombardier snowcat for the New Hampshire program, Smithsonian Folklife Festival.
Bagel Market of Tysons. Bottled water for the Smithsonian Folklife Festival.
Bardo Rodeo. Kegs of beer for staff of the Smithsonian Folklife Festival.
Bearman Lumber Inc. Lumber for covered bridge and timber framed barn at the New Hampshire program, Smithsonian Folklife Festival.
Ben & Jerry's Ice Cream. Fish pops for staff of the Smithsonian Folklife Festival.
Benson Woodworking. Labor for timber framed barn at the New Hampshire program, Smithsonian Folklife Festival.
Bergwall Productions, Incorporated. Loan of video equipment to document the Smithsonian Folklife Festival.
Bob Ross, Inc. Paint brushes for the Smithsonian Folklife Festival.
Cannon Mountain. Loan of snow and ski equipment for the New Hampshire program, Smithsonian Folklife Festival.
Canterbury Shaker Village, Inc. Loan of a gate for the New Hampshire program site, Smithsonian Folklife Festival.
Chattanooga Bakery, Inc. Moon pies for staff of the Smithsonian Folklife Festival.
Circuit City Foundation. Store credit for items for the Smithsonian Folklife Festival.
Clarendon Grill. Meals for technical crew, Smithsonian Folklife Festival.
Coca-Cola. 25 cases of Coca-Cola product for staff of the Smithsonian Folklife Festival.
Coleman Company Donations. Coolers for use at the Smithsonian Folklife Festival.
Costco Wholesale, Inc. Store credit for items for the Smithsonian Folklife Festival.
Crystal Springs. Bottled water for staff of the Smithsonian Folklife Festival.
Dodge Lumber. Sawing of lumber for the New Hampshire program, Smithsonian Folklife Festival.
Domino's Pizza, Inc. Store certificates for pizza for staff of the Smithsonian Folklife Festival.
Duncan Enterprises. Fabric paint for the Smithsonian Folklife Festival.
Dunkin Donuts. Donuts for staff and participants of the Smithsonian Folklife Festival.
Durgin & Crowell. Lumber for covered bridge and timber framed barn at the New Hampshire program, Smithsonian Folklife Festival.
Duron Paint & Wallcoverings. Empty cans for the Smithsonian Folklife Festival.
Folklore Society of Greater Washington. Hospitality for the participants at the hotel, Smithsonian Folklife Festival.
Food Lion. Store credit for items for the Smithsonian Folklife Festival.
Fresh Fields. Apples and raisin bread for the Smithsonian Folklife Festival.
Frying Pan Park. Horse drawn wagon for the New Hampshire program, Smithsonian Folklife Festival.
Fuji Photo Film USA, Inc. Discounts and film products for the Smithsonian Folklife Festival.
G Street Fabrics. Material for use at the Smithsonian Folklife Festival.
G.L. Cornell. Loan of golf cars for use at the Smithsonian Folklife Festival.
Gerrity Lumber. Trucking of lumber for the New Hampshire program, Smithsonian Folklife Festival.
Graton Farm. Covered barn for the Smithsonian Folklife Festival.
Giant Food Inc. Discount on purchases for the Smithsonian Folklife Festival.
Glen Echo Pottery. Assistance with Romanian pottery demonstrations, Smithsonian Folklife Festival.
Glenwood Farms. Eggs for foodways demonstrations at the Smithsonian Folklife Festival.
Global Village Productions. Filming equipment and personnel for the Smithsonian Folklife Festival.
Goodmark Foods, Inc. Slim Jim's and hot fries for staff and participants of the Smithsonian Folklife Festival.
Granite State Forest Products. Lumber for covered bridge and timber framed barn at the New Hampshire program, Smithsonian Folklife Festival.
Guernsey Office Products Incorporated. Flip charts for the Smithsonian Folklife Festival.
Heidelberg Pastry Shop. Cookies, donuts and pastries for staff and participants of the Smithsonian Folklife Festival.
Herr's Foods, Inc. Chips and pretzels for staff and participants of the Smithsonian Folklife Festival.
International Food Bakeries. Bakery and pastry products for staff and participants of the Smithsonian Folklife Festival.
International Paper, Madison Lumber Mill. Lumber for covered bridge and timber framed barn at the New Hampshire program, Smithsonian Folklife Festival.
Johnson’s Flower & Garden Center. Store credit for the Smithsonian Folklife Festival.

Krispy Kreme Doughnut Corp. Donuts for staff and participants of the Smithsonian Folklife Festival.

M&Ms/Mars, Inc. Twix for staff and participants of the Smithsonian Folklife Festival.

Markerboard People. Dry erase boards, erasers, and markers for use at the Smithsonian Folklife Festival.

Maxell Corporation of America. Maxell products for documentation of the Smithsonian Folklife Festival.

Media Visions Video Duplication. Videotape stock for documentation of the Smithsonian Folklife Festival.

Mediterranean Bakery Incorporated. Baclava for staff of the Smithsonian Folklife Festival.

Michelle’s Family Bakery. Pastries for staff and volunteers of the Smithsonian Folklife Festival.

Millbrook Farm Woodworks. Gazebo for the New Hampshire program site, Smithsonian Folklife Festival.

Monadnock Mountain Springwater. Bottled water for staff of the Smithsonian Folklife Festival.

New Hampshire Division of Forests and Lands. Lumber for covered bridge and timber framed barn at the New Hampshire program, Smithsonian Folklife Festival.

Office Depot, Inc. Store discount for products for the Smithsonian Folklife Festival.

Ottenberg’s Bakers, Inc. Bread for staff and participants of the Smithsonian Folklife Festival.

Perras Lumber, Inc. Trucking of lumber and lumber for covered bridge rafters for the New Hampshire program, Smithsonian Folklife Festival.

Pierce-Phelps Incorporated. Loan of video equipment for documentation of the Smithsonian Folklife Festival.

Plaza Artist Materials. Powdered graphite for use at the Smithsonian Folklife Festival.

Pleasant View Gardens. Plants for the New Hampshire program site, Smithsonian Folklife Festival.

ProCom Associates Video Production Services. Loan of video equipment for documentation of the Smithsonian Folklife Festival.

PRO Chemical & Dye, Inc. Fabric paint, paint base, and Low Crock Binder for use at the Smithsonian Folklife Festival.

RAC Solutions. Loan of computer for use at the Smithsonian Folklife Festival.

Red Sage Bakery & General Store. Muffins for staff and participants at the Smithsonian Folklife Festival.

Reeves Restaurant & Bakery. Donuts for staff and participants at the Smithsonian Folklife Festival.

Rehabilitation Equipment Professionals, Inc. Loan of 8 wheelchairs for the Smithsonian Folklife Festival.

Ricola, Inc. Ricola cough drop product for staff and participants at the Smithsonian Folklife Festival.

Rockline Industries, Inc. Wet-Naps for use at the Smithsonian Folklife Festival.

Russell Gardens Wholesale. Plants for the New Hampshire program site, Smithsonian Folklife Festival.

Safeway, Inc. Store credit for products for use at the Smithsonian Folklife Festival.

Shoppers Food Warehouse. Store credit for products for use at the Smithsonian Folklife Festival.

Snyder’s of Hanover. Pretzels for staff and participants at the Smithsonian Folklife Festival.

Sony Electronics, Inc. Loan of video equipment for documentation of the Smithsonian Folklife Festival.

South Beach Sun Company. Sun block for staff and participants at the Smithsonian Folklife Festival.

Spaulding & Frost, LLC. Wooden barrets and shelving for the New Hampshire program, Smithsonian Folklife Festival.

State of New Hampshire, Department of Corrections. Labor for the New Hampshire program, Smithsonian Folklife Festival.

Subway Sandwiches & Salads. Sub sandwiches for technical crew at the Smithsonian Folklife Festival.

Sugar Association. Sugar for foodways demonstrations at the Smithsonian Folklife Festival.

Sweet Memories Farm. Dried herbs and flowers for the New Hampshire program, Smithsonian Folklife Festival.


Target Distributing, Audio/Video Division. Videotape stock for documentation of the Smithsonian Folklife Festival.

TDK Electronics Corporation. TDK products for use at the Smithsonian Folklife Festival.

Timco. Lumber and labor for covered bridge and timber framed barn at the New Hampshire program, Smithsonian Folklife Festival.

Tom Johnson Trucking. Trucking of lumber for covered bridge and timber framed barn at the New Hampshire program, Smithsonian Folklife Festival.

Tourmobile Sightseeing. Tour of Washington, D.C. sites for the participants of the Smithsonian Folklife Festival.

Utz Quality Foods, Inc. Cheese curls for staff at the Smithsonian Folklife Festival.

Vermont Brick Manufacturing. 2,500 native, water-struck brick for the New Hampshire program site, Smithsonian Folklife Festival.

Warfield’s Pastry Shop. Brownies for staff at the Smithsonian Folklife Festival.

Wilkins Rogers, Inc. All-purpose white flour for foodways demonstrations at the Smithsonian Folklife Festival.

Willis B. Riley Coffee Company. Coffee for staff and participants at the Smithsonian Folklife Festival.

Williams-Sonoma. Kitchen Aid merchandise for foodways demonstrations at the Smithsonian Folklife Festival.

Wm. Wrigley Jr. Company. Chewing gum product for staff and participants at the Smithsonian Folklife Festival.

Woolly Mammoth Theatre. Used table and chairs for use at the Smithsonian Folklife Festival.
Donors to the Collection

Hans Kaufhold, carved granite in the shape of the state of New Hampshire.
Romania, Vicsoreanu plate from Horezu Village, Vâlcea District.
South Africa, carved elephant.

Cooper-Hewitt, National Design Museum

Donors of Financial Support

$100,000 or more
The American Institute of Graphic Arts
Ms. Agnes C. Bourne and Dr. James Leubbers
Drue Heinz Trust
Mr. and Mrs. Harvey M. Krueger
Maharam
The Mead Corporation
Shaw Contract

$50,000 or more
Altman Foundation
The Andy Warhol Foundation for the Visual Arts
Herman Miller, Inc.
Loebl & Loeb LLP
Mr. and Mrs. Arthur Ross
Surdna Foundation, Inc.
Vitra
Xerox Foundation

$10,000 or more
Ms. Kathleen B. Allaire
Ms. D.D. Allen
American Express Company
Anheuser-Busch, Inc.
Bell Atlantic
The Bodman Foundation
Davidson Pylforms
Deutsche Bank
Mr. Joseph A. Di Palma
The Dunn Foundation
Mr. and Mrs. Joel S. Ehrenkranz
F.M. Kirby Foundation, Inc.
The Florence Gould Foundation
Georgia Institute of Technology
Mr. and Mrs. Alan Hartman
Mr. and Mrs. Frank W. Hoch
IBM Corporation

The J.M. Kaplan Fund
Ms. Elaine La Roche
Mr. and Mrs. Gerald M. Levin
Lily Auchincloss Foundation, Inc.
Liz Claiborne, Inc.
Mr. and Mrs. Morton L. Mandel
Mr. and Mrs. Edwin S. Marks
Mr. and Mrs. Edgar M. Masinter
Mr. Richard A. Meier
Merck & Co. Inc.
Mr. and Mrs. Lester S. Morse, Jr.
Natural Heritage Trust
The New York Times Company Foundation
Mr. Arthur Peck
Peter Norton Family Foundation
The Pinkerton Foundation
Mr. Richard M. Smith and Dr. Soon-Young Yoon
The Smithsonian Center for Latino Initiatives

$1,000 or more
BMW of North America
Deloitte & Touche LLP
Mr. Eric Dobkin and Mrs. Barbara Dobkin
Mr. George J. Gillespie III
Graham Foundation for Advanced Studies in the Fine Arts
The Grotzins Fund
Ms. Agnes Gund and Mr. Daniel Shapiro
The Henry & Henrietta Quade Foundation
Kell, Munoz Architects
New York State Council on the Arts
Polshok Partnership Architects
Mr. David S. Rockwell
The Charles E. Sampson Memorial Trust
Travel Time Co.
Mr. Arthur Weinbach

Warren A. James; Camera "Kodak Pocket Instamatic 10;"
manufactured by Eastman Kodak;
Pentagram; Poster "The Big A;"
designed by Paula Scher, 1991;
K. G. Olsson; Four posters; designed by Karl Gustav Olsson;
James Howard Fraser; Eighteen posters, various designers, 20th century;
Raphael Rivera Rosa; Poster "Betances;" designed by Raphael Rivera Rosa, 1987;
1998–45-1.
Christine Viennet; Poster; designed by Christine Viennet, 1997;
Georg Jensen; Cutlery "Vivianna;" designed by Vivianna Torun Bulow-Hube,
Anonymous; Light "Ventosa;" designed by Achille and Pier Giacomo Castiglioni,
Glenn Loney; Shopping bag "Progress, Kino fur Kinder;" designed by Glenn Loney,
20th century; 1998-49-1.
Carolle Thibaut-Pomerantz; Two designs for wallpaper, unknown French,
1925; and twelve wallcoverings, unknown French and Italian,
Victor Wiener; Forty-nine ceramic tablewares such as dishes, trays,
teapots, bowls, various German manufacturers,
Thomas F. O'Malley; Eleven examples of letterhead, various unknown American designers; 20th century;
1998-64-1/11.
Ashton Hawkins; 2 lithographs, made by Joseph Nash, 19th century;
Elizabeth Dow Ltd; Fifteen sidewalls, designed by Elizabeth Dow, 1998;
Mrs. Henry L. Thompson; Tape lace pattern, maker unknown, early 20th century; 1998-67-1.

Donors to the Collection

Julia A. Haiblen; Flashlight, designed by Christopher Carruthers and Evan Gaffelberg, 1998–39-1.
Alan and Monah L. Gettner in memory of Carl Lawrence;
Candleholder, designed by George Sakier, 1930; 1998-40-1.
Radoslav L. and Elaine F. Sutnar; Two posters, designed by Ladislav Sutnar, 20th century; 1998-70-1/3.
Alphons and Anita S. Bach; Three blueprints, designed by Alphons Bach, and one hundred and sixty-seven designs for furniture; designed by Henry Dreyfuss, 1940s; 1998-71-1; 1998-71-2/168.
Luminator Aircraft Products: Publicity booklet, designed by Luminator Aircraft Products, 1938; 1998-72-1.
Seymour Chwast; Sixteen pamphlets and one poster, designed by Seymour Chwast; 1954–1976; 1998-74-1/17.
The Museum at The Fashion Institute of Technology; Two hundred and eleven wallcoverings; various designers, 1780–1959; 1998-75-1/211.
Found in Museum, unsolicited gift; Invitation, designed by Gaetano Pesce, 1997; 1998-81-1.

Hirshhorn Museum and Sculpture Garden

Donors of Financial Support

$1,000,000 or more
Holenia Trust in memory of Joseph H. Hirshhorn

$100,000 or more
The Glenstone Foundation
Mr. and Mrs. J. Tomilson Hill

$25,000 or more
Melva Bucksbaum
Phoebe Haas Charitable Trust
Robert Lehrman
Merrill Lynch
Peter Norton Family Foundation
Andy Warhol Foundation for the Visual Arts

$10,000 or more
Anonymous
Mr. and Mrs. Robert Burstein
Rosa Rionda and Carlos de la Cruz
The Aaron I. Fleischman Foundation
Fundação Luso-Americana Para o Desenvolvimento
Gagosian Gallery
Robert P. and Arlene R. Kogod
Aaron and Barbara Levine
The Lehman Foundation
Jacob and Charlotte Lehman Foundation
The Munchin Foundation
Marian Goodman Gallery
Stephen M. Ross
Ms. Isabelle Scott
Tom and Kitty Stoner
Nina Zolt and Miles Gilburne

$5,000 or more
Anonymous
The Broad Art Foundation
Joseph Hirshhorn Foundation, Inc.
Institut für Auslandsbeziehungen
Smithsonian Women’s Committee

$2,500 or more
Mr. Edward J. Lenkin and Ms. Katherine L. Meier
Elyane and Marvin Mordes

Pro Helvetia
Pace-Wildenstein
Mr. and Mrs. Elliott I. Pollock
Ms. Loretta Rosenthal
Sotheby’s

$1,000 or more
Anonymous
Mrs. Helen S. Abel
Theo Adamstein and Olvia Demetriou
Mr. Christopher Addison
Ms. Carolyn Small Alper
Tina Alster and Paul Frazer
Ms. Alice R. Bindeman
Patti Cadby Birch
Gahl and Richard Burt
Buffy and William Cafritz
Dr. Edward and Mildred Cafritz
Family Foundation, Inc.
Hon. Lloyd Cutler and Ms. Rhonda Kraft
Julia and Frank Daniels, Jr.
Ms. Nancy A. Drysdale
Pamela and Barney Ebsworth
Betsy K. Farnymton
Ann and Tom Friedman
Mr. and Mrs. Marvin J. Gerstz
Gibson Creative
Jerome L. Greene Foundation
Hon. and Mrs. John W. Hechinger, Sr.
Joseph Helman Gallery
Mr. Fred P. Hochberg
Vivian Horan Gallery
Mrs. Jeanne Ross Imburg
International Cultural Commission
Mr. and Mrs. Fletcher S. Johnston
Kimsey Foundation
Mr. and Mrs. Gilbert H. Kinney
Betty and Bob Krueger
Dr. and Mrs. Calvin Lang
Jacqueline and Marc Leland
Sydney and Frances Lewis Foundation
Dr. Pen Lupovich
Marsha and James Mateyka
Mrs. Jane Mitchell
Mondrian Foundation
Ms. Evelyn S. Nef
Mr. Mandell J. Ourisman
Judy and Thomas Pyle
The Ravenal Foundation
Anita and Burton Reiner
Mrs. Carlyn Ring
SBL, Inc.
Mr. and Mrs. Paul M. Sharz
Martha Jane and Charles Smith
The Smith-Free Group, Inc.
Pascale and Morad Tavallali
Ms. Mary Ann Tighe
TSWII Management Company

$500 or more
Ms. Nancy L. Connor
Philip H. Goldentyer
Mr. Jacob K. Goldhaber
William H. Goldiner
Sean F. Kelly, Inc.
Josephine Haden Ludolph
Barbara Mathes Gallery
Steven H. Oliver
Mr. Eden W. Rafshoon
Stuart Regen Gallery
Rosenthal Companies
Ms. Janet W. Solinger
Mr. Raymond W. Smith
The Summit Charitable Foundation

$250 or more
Art Seminar Group, Inc.

$100 or more
Anonymous
Ms. Ellen R. Berlow
Mr. R. Andrew Beyer
Mr. Earl Callen
Ms. Martha Jean Crutchfield
Mrs. Eleanor Davidov
Mr. Jorg W. Decressin
Mrs. Dorothy S. Dym
Mrs. Sandra Fitzpatrick
Ms. Patricia Forrester
Dr. Nancy E. Gwinn
Mrs. Gloria Shaw Hamilton
Mr. James M. Hobbs
Mrs. Wilhelmina Cole Holladay
Mr. Roger W. Langsdorf
Mr. Max Mackenzie
Mr. Tillman Neuner
Ms. Annette Polan
Ms. Andrea Pollan
Mrs. Barbara K. Schneider
Mr. and Mrs. Manuel Silberstein
Mrs. Catherine F. Scott
Mrs. Debra C. Srar
Tucker Flyer
Ms. Karie M. Ziglar

Donors of In-Kind Support

National Museum of African Art

Donors of Financial Support
$10,000 or more
Ford Motor Company Fund

$5,000 or more
Mr. and Mrs. Milton Rosenthal

$1,000 or more
Marc L. Ginzberg

$500 or more
Noah-Sadie Wachtel Foundation, Inc.
Professor David C. Driskell

Donors to the Collection
Judith Godwin, Red Monument. 1960, oil on canvas, by Gerald Nordland (HMSG.99.43)
Jan Frank, Goodly Bill. 1997, oil, ink and alkyd on cardboard mounted on wood, by The Hassam Purchase Fund, American Academy and Institute of Arts and Letters (HMSG.99.30)
Athena Tacha, Land Marks. 1984, ink, oil pastel & pencil on paper mounted on foamcore, by Athena Tacha (HMSG.99.31)
Athena Tacha, Land Marks (site map). 1983, ink, oak leaves on blueprint map and mylar, by Athena Tacha (HMSG.99.32)
Ernest Briggs, Untitled. 1953, oil on canvas, by Linda Dugmore Shannon (HMSG.99.29)

Corice and Armand Arman, shoulder mask (d’amba), 19th—early 20th century, Baga peoples, Guinea (98-28-1)
William F. Brodnax III, skirt, late 19th—early 20th century, Zulu peoples, South Africa (99-6-1)
William F. Brodnax III, maternity apron, late 19th—early 20th century, Zulu peoples, South Africa (99-6-2)
William F. Brodnax III, belt, late 19th—early 20th century, Zulu peoples, South Africa (99-6-3)
Mona Gavigan in memory of Philip L. Ravenhill, prestige vessel, Nupé peoples, Nigeria (98-24-1)


Bequest of Bernice M. Kelly, Aye Rovua Anwu Ibu Rhino. 1988, etching with pastel on paper, by Bruce Onobrakpeya (98-20-2)

Bequest of Bernice M. Kelly, Eclipse, 1967, deep etching on paper, by Bruce Onobrakpeya (98-20-3)

Bequest of Bernice M. Kelly, Leopard in a Cornfilld III. 1984, by Bruce Onobrakpeya (98-20-4)

Bequest of Bernice M. Kelly, Dancing Masquerader II. 1967, by Bruce Onobrakpeya (98-20-5)

Bequest of Bernice M. Kelly, City in the Moon. 1960s, woodcut on paper, by Adesibi Fabunmi (98-20-6)

Bequest of Bernice M. Kelly, Road to Abuja. 1982, offset lithograph on paper, by Obiora Udchekwu (98-20-7)

Reynold C. Kerr in memory of Sylvia H. Williams, funerary object (bwoogitoool), late 19th–early 20th century, Kuba peoples, Democratic Republic of the Congo (99-5-1)

Michael Oliver, cane, 1950s, Zulu peoples, South Africa (99-4-3)


National Museum of American Art
(Smithsonian American Art Museum)

Donors of Financial Support

$1,000,000 or more
Principal Financial Group

$100,000 or more
Mr. and Mrs. Batney Ebsworth

$50,000 or more
Mr. and Mrs. Petet Bing
Consolidated Natural Gas Company
Mr. and Mrs. Phillip Frost
James Renwick Alliance

$10,000 or more
Anonymous
Bankers Trust Company
Forbes Foundation
Mr. and Mrs. Frederick Gans
Mr. and Mrs. Hugh Half, Jr.
Homeland Foundation
Ms. Robyn Horn
Mt. and Mrs. Nelson Joynet
Mr. and Mrs. William G. Kerr
Mr. and Mrs. Peter Lunder
Mr. and Mrs. Gerald Pearson
Mr. and Mrs. James F. Sams
Mr. Richard J. Schwartz
Unico Banking Group

$5,000 or more
Mr. and Mrs. Ronald D. Abramson
Anonymous
Mr. and Mrs. Charles S. Bresler
Ms. Elizabeth Gostell
Mr. David Huddens
J.M. Kaplan Fund
Mt. and Mrs. Myron Kunin
Ms. Nini Liu
The Lucelia Foundation
Mrs. Nancy T. McEvoy
Ms. Nancy B. Negley
Mr. and Mrs. John Edward Plunket
Mr. and Mrs. Jack Rachlin
Mr. and Mrs. Harvey Rambach
Mr. and Mrs. Ferninand T. Stent
Mr. Eli Wilner

$2,000 or more
The Bara Foundation
Mr. and Mrs. Thomas W. Barwick
Mr. and Mrs. Thomas G. Cousins
Mr. and Mrs. Dale F. Dorn
Mr. and Mrs. Donald J. Douglass
Dublin Historical Society
Mr. Bertram Fields and Ms. Barbara Guggenheim
Mrs. Rita Fraad
Mr. and Mrs. Morton Funger

Diane Banks in honor of Matthew Moss. Blue Cone. 1997, wood, glue, paint, ink, and metallic powders, by Diane Banks (1998.76.1)

Diane Banks in honor of Sarah Moss. Red Cone. 1996, bamboo, tarlatan, glue, ink and thread, by Diane Banks (1998.76.2)


Fleur and Charles Bresler. Glazing Figure. 1997, turned walnut, by Mark Shinn (1998.157)


Beverly Camenson in honor of Mrs. William Taubin. (Woman in Kitchen) from series: You Don't Have to be Jewish to Love Mary's. ca. 1967, offset lithograph, by William Taubin (art director); (Native American) from the series: You Don't Have to be Jewish to Love Mary's. ca. 1967, offset lithograph, by William Taubin (art director) (1999.34.1-3)

Dr. and Mrs. Jerome Canter. Untitled, acrylic on paper, by Willem De Looper (1998.142.1); 7 Untitled prints from portfolio Urban Landscapes #2, silkscreen print, by Richard Estes (1998.142.2.1-7); 5 Untitled prints from portfolio Urban Landscapes #3, silkscreen print, by Richard Estes (1998.142.3.1-5)


Dale Chihuly. 600-D. 1994, glass and mixed media, by Walter Zimmermann (1999.49)


David L. Davies (and John D. Weedon). Band Saw Box. ca. 1968, California black walnut, by Arthur Espenet Carpenter (1998.130)


Martin and Harriet Diamond. Jacob Wrestling with the Angel. 1936, pencil on paper, by Hananiah Harari (1998.93)

Ella D. Dibrell (and Edmund Montgomery). Lady MacBeth. 1905, marble, by Elizabeth Nye (1998.79)


Ferranti family in memory of David Ferranti. Four Brooches, 1996, sterling silver, glass and graphite, by David Ferranti (1999.244-d)


Haynes Family, Jorge, Roxanne, Rebecca and Ben. Cesar Chavez. pencil on paper, by Emanuel Martinez (1998.155)


Herbert Waide Hemphill, Jr. 67 folk art objects, various dates, various media, by various artists (1998.84.1-.67)

Delwyn and Judy Herbert. Aleutian Canada Geese (rig of three geese). 1999, carved tupelo wood and acrylic paint, by Delwyn Herbert (1999.61a-c)


Girard Jackson. Hot Chocolates. ca. 1919-28, oil on canvas, by Theresa Bernstein (1998.128)


media, by David McCarthy (1998.91)


Mr. and Mrs. Brian Leyden. Alaric—King of the Visigoths. 1998, crown stag deer antler with 1.4k gold, sterling silver, copper, buffalo horn, mammoth ivory, mother-of-pearl, sapphire fittings, Damascus steel, Prehnite mineral specimen, thuya wood burr, and walnut by Larry Fuegen (1998.132)


Patricia Smith Melton. 34 vintage quilts and 11 vintage textile fragments, various dates, various media, by various artists (1998.149.1-15)


Marilyn and Paul O’Rourke (and The Society of Arts and Crafts). Upholstered Chair. 1996, walnut burr veneer, plywood, leather, by Dale Broholm (1998.11.4)


Mary L. Pierce. Dinner at Aunt Tilly’s. 1994, machine-pieced, appliqued, and quilted cotton and cotton-blend fabrics with polyester batting, by Sue Pierce (1999.59)


Elizabeth A. Rose. Necklace. 1917, sterling silver with blue enamels and opal, by Augustus F. Rose (1999.51)


Karen E. Schaeffer (and Jane M. Lamb, and William T. McLaughlin). Sweat of the Sun. Tears of the Moon. 1989, hand-quilted, machine-pieced and reverse-
applied cotton, polyester, rayon, by Teresa Barkley (1998.112)


Mary Elizabeth Spencer, bequest of. 87 miniatures, watercolor on ivory, by various artists (1999.27.1-94)


University of Tennessee, Knoxville Print Workshop. 27 prints from the portfolio *Drawn to Stone*, lithographs, by various artists (1998.156.1-27)


Dr. James H. and Jann Arrington Wolcott. 60 photographs, silver print, by Marion Post Wolcott (1998.120.1-60)


National Museum of American History

Donors of Financial Support
$1,000,000 or more
The Axelrod Family
The Lemelson Family Foundation
National Association of Music Merchants
Polo Ralph Lauren Corporation
Susan & Elihu Rose Philanthropic Fund
Nina and Ivan Selin

$100,000 to $999,999
Computerworld Smithsonian Awards
Merck Company Foundation
The National Commemorative Committee for the Submarine Centennial through the Naval Submarine League
Piano Manufacturers Association International
Alfred P. Sloan Foundation

$50,000 to $99,999
Mr. and Mrs. H.P. Claussen
Government Development Bank for Puerto Rico
Robert F. Hemphill, Jr. and Linda Powers
Winifred H. Howell
The Rice Family Foundation

$10,000 to $49,999
AT&T Foundation
Allied Corporate Services
American Society for Cell Biology
Banco Popular de Puerto Rico
Jan McLin Clayberg
Lester Colbert
Discovery International
Walt Disney Company
Enterprise Rent-A-Car Company

Mr. and Mrs. George M. Ferris, Jr.
David M. Fields
General Society of the War of 1812
Florence J. Gould Foundation
Greening America
Hach Company
Elizabeth Hecht
Hospitality Sales and Marketing
Association, International Kleeber Company
Krispy Kreme Doughnut Corporation
Lutheran Brotherhood
Mellor Family Foundation
National Film Preservation Foundation
National Museum of Industrial History
Pfizer Inc.
Pillsbury Company
Reed Foundation
Sempra Energy
Sequent Computer Systems, Inc.
Smithsonian Women’s Committee
Time Domain Corporation
Uniform Code Council, Inc.
United Airlines, Inc.
United Transportation Union
Warren Wieniarski
The Women’s Museum
Wyeth-Ayerst Pharmaceuticals
Wyeth-Lederle

$5,000 to $9,999
Arts & Entertainment Network
Audrey G. Falkenstein
Joseph & Bessie Feinberg Foundation
George C. Freeman, Jr.
David Greenewalt Charitable Trust
International Mass Retail Association
Montgomery Watson Americas, Inc.
NAMSB Foundation, Inc.

$1,000 to $4,999
Association for Computing Machinery
Barnstead Thermolyne Corporation
Joan Challenger
Mrs. Timothy W. Childs
Cofers, Inc.
Seth M. Corwin
Dart Industries, Inc.
Ms. Anita DeFranz
East West Foundation
Eleven Eleven Fund
Dr. David C. Hess
Dr. and Mrs. Thomas W. Langfitt
Thomas MacCracken
Clara G. Schiffer
Dr. Seymour I. Schwartz, M.D.
Sigmund & Barbara Shapiro Family Fund
Eleanor F. Spears
Wilma Bond Winkler

Donors to the Collection
ABC News, “20/20” (through Alice Piérola): 61 over-the-counter cold medications, 3 vitamin products, 2 toothbrushes, and a measuring cup, all used on a “20/20” news program about the common cold in 1981 (1998.0252).
Richard E. Ahlborn: 56 Roman Catholic devotional objects from India, 1900s (1997.0401); 4 santos wooden carvings and a retablo panel painting, all from New Mexico, 1960–92 (1998.0217).
Dr. L. Thomas and Prof. Margaret G. Aldrich: wooden dividers and a Dietzen protractor, both made for use at a classroom blackboard (1999.0117).
American Medical Women’s Association, Inc. (through Eileen McGrath): 2 American Medical Women’s Association banners (1999.0158).
Dorothy Anderson: 4.5 cubic feet of archival material reflecting the career of William “Cat” Anderson, a band leader, composer, and member of the Duke Ellington Orchestra (1998.0307); 24 trumpet mouthpieces, 4 award plaques, 2 mutes, and a John Williams/ Cat Anderson simulator, all used by William “Cat” Anderson (1998.3074).


Asian Pacific American Legal Center of Southern California (through Julie A. Su): 23 garment labels, 20 sheets of business records, 4 hang tags, an envelope, and a pay stub (1997.0336).


John Barnett: fixed signal whistle board (1999.0211); 2 emergency brake signs issued by the Post Office Department for use in railroad mail cars (1999.3041).


Diedra J. Bell and Dr. Stephen J. Keyser: diorama of the original Fisk Jubilee Singers based on a painting by Edmund Havel of 1873 and made by Ms. Bell assisted by Dr. Keyser, 1994–98 (1999.0174).


Don Berkebile: 35mm toy motion picture projector (1998.0353).


Lois M. Berney: Zippo lighter and a pen received by Ms. Berney as souvenirs of President and Mrs. Johnson’s visit to Thailand, ca. 1968 (1999.0070).


Bethlehem Steel Corporation (through Lonnie A. Arnett): 286 photographs, 23 negatives, and 2 photograph albums of operations, the control pulpit with 19 other tools and equipment items used to run the Z Mill which rolled out stainless steel, and a hard hat, safety jacket, baseball jersey, pin, and a plaque, all reflecting work and leisure activities at Washington Steel in Washington, Pennsylvania (1997.0276); 3 metal baskets used in the Cafe Room to hold workers’ personal belongings at the Bethlehem Steel Mill in Bethlehem, Pennsylvania (1999.0154).

Audrey B. Beyer: prototype photoelectric air seed sorting machine invented by Mrs. Beyer’s father, Everett H. Bickley, and patented in 1929 (1999.0134); 7 cubic feet of papers documenting the career of inventor Everett H. Bickley, a Deskette clipboard, and a Fotometer with instruction manual (1999.3022).


Binney & Smith Inc. (through Tracey Muldoon Moran and Patrick Morris III): 101 Crayola crayon products, 31 chalk sets, 28 silly Putty products, 20 games, 17 children’s play kits, 6 crayon sharpeners, 5 color sticks and pencils, 3 crayon containers, 2 erasers, a marker, crayon candle, crayon lifting paddle, and a child’s art smock (1998.0068).


Edward D. Black: applied, pieced, and embroidered quilt made for Mr. Black by his mother, Ruth Jones Black Patrick, worked from 1932 to 1952 (1998.0043).

Sylvia Blake: pair of Valenciennes lace sleeves, set of matching sleeve borders, set of needle lace borders, and a hand embroidered net shawl (1997.0159).


American flag patches worn by Mr. Boitano during his gold medal winning “Napoleon” program at the 1988 Olympic Winter Games, and a teal blue ice skating practice suit (1998.0289).


Diana D. Braun and Rose D. Connolly: 75 pieces of decorated ceramics, kiln furniture, mold pieces, tools, glazes, paints, stains, and finishes, used by Mrs. Braun and Mrs. Connolly as hobby ceramicists, 1940s–80s (1998.0155).


Christopher J. Budesa: calculating rule used at South Junior High School of Bloomfield, New Jersey (1999.0068).


Pearl Carmichael: 10 sets of papers, bibliography cards, microfilms, and a portrait, all related to psychologist and Smithsonian Institution Secretary Leonard Carmichael (1983.3016).


Celia Cruz: red dress with ruffles and white lace trim, gold vinyl shoes, and a honey-blonde wig, all worn by Ms. Cruz in many of her Latin vocal performances (1997.0291).

A. S. Csaky: ceramic mug designed by Mr. Csaky in a limited edition of 1,000 for the 52nd Presidential Inaugural in 1993 (1998.0187).

Larry L. Culp: 30 pieces of riveting and welding equipment, 4 account books, and 2 pin-up calendars (1994.3119).


Joseph C. Czudak: 6 booklets, 2 shipyard documents, a poster, typescript, and a book, all relating to the NS Savannah, the first nuclear-powered merchant ship (1998.3075).

Heather M. Dahley: hospital bracelet, T-shirt, hat, and a pair of mittens for Taylor Dahley, the first in utero bone marrow transplant recipient (1999.0051).


Anita Danko and Scott P. Rafe: in memory of Stanislaus F. Danko: 16 sets of electronic component groups related to Stanislaus F. Danko’s
work in research and development of printed circuits (1998.0191).


S. Newman Darby: 2 dagger boards for use with the sailboard invented by Mr. Darby (1999.0118).


Philip J. Dziuk, Ph.D.: 5 silastic contraceptive implants developed by Dr. Dziuk in 1964 (1998.0256).


Elias Brothers Corporation (through Tony Michaels): Big Boy coin bank and a poster announcing "Big Boy Has Arrived in Saudi Arabia" (1998.0052).


Ferris State College, School of Pharmacy (through Dean Ian W. Mathison, Ph.D.): 166 pharmaceutical artifacts, 1870–1930 (312142).


Lavada W. Fintel: Victoria corn-straw patiot broom made in the Deshler Broom Factory of Deshler, Nebraska, ca. 1930, by members of Mrs. Fintel's family in the factory founded by her grandfather (1999.0197).

Joe Fiscella: 2 billiard ball racks with ball bearings for smooth racking invented, patented, and manufactured by Mr. Fiscella (1999.0222).


Mary Fletcher: pale blue organza ballgown ballgown with crinoline petticoat and a hoop petticoat, worn by Carol Morris when Miss Universe 1957 and by Ms. Fletcher at the 1963 U.S. Naval Academy Ring Ball (1998.0250).

Gladys E. Ford: 7 examples of ceramics decorated with photographs in a process patented by Walter D. Ford and produced by the Ford Ceramic Arts of Columbus, Ohio, in the 1930s (1997.0403).


Jerry D. Free: 4 T-shirts, 4 pencils, a mug, and a key chain promoting the International Battle of the Bands (1999.0059).


Gateway Coin Club of Mercer County (through Theresa M. Lund): bronze medal commemorating the building of Lake Yosemite Reservoir finished in 1888, designed by Bill Jones in 1999 (1999.0157).


and a photograph of U.S. Navy hospital corpsmen (1997.3134); 2 photographs of Mr. Geary at boot camp in 1949 doing laundry and boxing for his company’s team (1998.3059).


George Washington University, Procurement and Supply Department (through Nelson L. Bomba): 20 pieces of documentation related to a CDC 8090 central processing unit (1983.3017).


Peggy Go forth: 17 pieces of Miriam Haskell costume jewelry, 3 jewelry pieces by other designers, and 3 jewelry boxes (1998.0257).

Darcy S. Grant: Stedtlar data processing logic template (1998.3095).


Jeffrey P. Hillelson: physician’s day book kept by Mr. Hillelson’s grandfather, Dr. Winfield Scott Morrison, in Missouri. 1878–82 (1996.0021).


Hormel Foods Corporation (through V. Allan Krejci): 2 Spam cans showing old and new labeling designs (1998.0218); 2 toy race cars, a key chain, watch, cap, funny pack, necktie, and a T-shirt, all with Spam logos (1998.3068).

Imperial Food Products, Inc. (through Charles M. Ivey III): 4 signs, 2 locker name tags, a smock, apron, pair of galoshes, pair of arm protectors, and a heavy steel door, all used at the Imperial Food Products chicken processing plant which burned in Hamlet, North Carolina, in 1991 (1996.0236); pair of Playtex yellow plastic gloves, ca. 1991 (1999.3018).


Alfred Jondahl: Pathe 9.5mm spring-driven motion picture camera converted to a still camera after WW II (1998.0177).


Harold J. Kepler: hand-held therapeutic lamp with a dark bulb producing radiant light and heat in a reflector, ca. 1918 (1999.0170).


Kevin A. Klug: 5 MRI scans and a face mask used for a PET scan used to diagnose Mr. Klug’s brain tumor prior to successful gene therapy treatment (1998.0291).


Gerald E. Kron, Ph.D.: 3 photomultiplier tubes and a photoelectric photometer with amplifier made in 1936 but modified by Dr. Kron and used by him at Lick Observatory into the 1950s (1997.0340).


Vincent LaCapra: 2 U.S. patents issued to Pasquale D’Angelo for improvements to padlocks and locks, 1907 and 1915 (1999.0140).


Jennifer Langeberg: 2 design drawings by Ms. Langeberg for the “Napoleon” ice skating costume worn by Brian Boitano for his gold medal competition at the 1988 Olympic Winter Games (1998.0290).

Anne M. Larsen: scarf and a shirt with printed illustrations by James Thurber (1999.0126).


Salvatore Leonard: Dixie cup dispenser, 1940–59 (1998.0333); 18 cubic feet of archival records of the Brannock Device Company and the Park-Brannock shoe store (1999.3007); 2.5 cubic feet of trade literature documenting the U.S. shoe industry (1999.3008); 1.5 cubic feet of miscellaneous trade literature (1999.3009).


Steve Lubar: T-shirt, baseball cap, insignia, and a bearing rate computer, all related to the SSN Trepang deployment and decommissioning (1998.0253).

William M. Lubar: 8 lapel pins, a garnet ring, and a gold-plated watch, all awarded to Mr. Lubar during his career as an insurance salesman, 1949–85 (1998.0335).


Princess Masha Magaloff: set of seed pearl jewelry of 1820–40 in its original box consisting of 2 brooches, a necklace, and a pair of earrings, originally used in Jones County, Georgia (1999.0021).


LaVeda Mair: 3 wooden bottle shapes and a glass jar, all designed by
Francis Mair for commercial packaging (1998.0058); 4 cubic feet of food, beer, wine, and fruit crate labels collected by Francis Mair (1998.3010).


Kathleen M. Willson McDevitt: 6 objects related to the Willson Way System of creating identification badges including an original wooden camera, Identograph camera, printer, flex lens board, set of parts, and a set of 3 glass plates, all reflecting the inventions and work of father and son Thomas Carroll Willson, Senior and Junior (1996.0150).


Eileen Raulli McMahon: woman’s negligee and robe set made of parachute nylon and belted with parachute cord, made in 1947 for Mrs. McMahon’s wedding trousseau by her mother (1999.0004).


Rita Chavez Medina (through Rudolph C. Medina): short-handled hoe bought in 1939 by Cesar Chavez’s father and used by several family members, forced use of this type of hoe was outlawed by the State of California in 1970 (1998.0197).

Montgomery College at Takoma Park, Mathematics Department (through Prof. Mary Kay Abbey): Dietzen 3-foot wooden blackboard rule (1999.0160).


Evan and Johnnie Lu Morgan: 43 pieces of formal and informal chinaware and glassware from sets given to Mrs. Morgan for her wedding in 1959 and 15 pieces of formal chinaware from the set given to her mother, Nancy Dickson, for her wedding in 1924 (1998.0356).


Harold D. Motin: charcoal drawing of “Buffalo Soldier” Harry Motin and a pamphlet of revival meeting songs used by Frances E. Motin (1998.3045).


Takako S. Mundel: 3 sets of colored pencils, a passport, identification card, stop watch, motion picture camera, and a projector, all used by Marvin E. Mundel in his efforts to determine work standards in industrial engineering (1999.0032), 15 cubic feet of archival records documenting the career of Dr. Marvin E. Mundel in the fields of motion studies and industrial engineering (1999.3010).

The National Labor Committee (through Charles Kernaghan): 3 brochures, a postcard, T-shirt, and a button, all related to sweatshops and child labor (1997.0309); brochure about sweatshop labor (1998.3008).


William T. Oviatt: 2 prototypes and 2 production models of the Teeter Pong! mouse trap invented by Mr. Oviatt (1997.0034).

Johanna R. Pasha in memory of Mr. and Mrs. Robert Law Higgins, Sr.: commemorative salt and pepper shakers given to the Higginses at their 50th wedding anniversary in 1981 (1997.0393).


Marvette Pérez: 20 ceramic pieces including planters, salt and pepper shakers, and figurines of “sleeping Mexicans” and other Mexican stereotypes, 1925–50 (1999.0196).


Leslie and Nick Reynolds: Martin tenor guitar and a Gon Bops conga drum played by Mr. Reynolds while a member of The Kingston Trio and a gold record awarded to the group (1998.0235).


James C. Ririe: 8 stereographic photographs relating to Presidents William McKinley, Theodore Roosevelt and William Howard Taft, a ticket to the Republican National Convention of 1892, and a ticket to an address by President McKinley in 1901 (1999.0011).

Franklin A. Robinson, Jr.: man's buckle and 8 woman's items including 5 cosmetics, 2 brooches, and a card of floral buttons (1998.0129).


Roosevelt Medal Descendants (through Marc Quinn): bronze Theodore Roosevelt medal awarded to all U.S. citizens who gave at least 2 years of continuous service in building the Panama Canal, this medal was awarded to G. A. Heath who worked 1904–1906 (1999.0111).


Saint Petersburg Times (through Mike Foley): 12 pieces of documentation and memorabilia created for the October 9, 1996, vice presidential debate held in St. Petersburg, Florida (1997.0391).


Mary Louise San Miguel: 3 over-the-counter medicinal preparations, a soap sample, dietary supplement, tonic box, and a roll of pharmacy labels, all from the Boticas Guadalupana Drug Store in San Antonio, Texas (1999.0097).

Debbie Schaefer-Jacobs: 2 gym suits, a gym sweatshirt, and a pair of shorts (1998.0348).


Earl V. Shaffer: backpack, boots, pith helmet, head net, poncho, and a cookset, all used by Mr. Shaffer on two of his hikes of the Appalachian Trail, 1948 and 1965 (1999.0189).

Dr. Mildred Shaw: English ICL logic template used for flow charting in the 1960s by Dr. Shaw (1998.3092).

Alvin M. Shay: Boy Scours of America membership card issued to Mr. Shay in 1937 (1998.0285).
David H. Shayt: 2 watch repair shop log books, 1914–59 (1996.0004); quartz analog shelf clock in a plastic housing that spells "CLOCK" (1998.0249).


Brian Shulman, M.D.; Autogen 5100 digital integrator, Autogen 1700 EMG dual channel unit feedback myograph, and a Realistic speaker (1998.3055).


Philip Simmons: cotton hook used on the Charleston, South Carolina, docks in the 1940s, a pair of tongs, 1950s, and a forging hammer, 1960s, all made by Mr. Simmons during his career as a blacksmith of tools and, later, of decorative ironwork (1999.0177).


Stall & Dean (through Henry N. Jackson): 75 examples of athletic equipment and uniform items made by Stall & Dean and 2 advertising posters (1998.0324).

Steris Corporation, Business and Associate Relations (through Gerry Reis): surgical table, lamp, warming cabinet, and a metal stand (1998.0066).


Julie A. Su: 2 key chains and a red banner with black Asian character lettering (1998.0321).

John August Swanson: 19 prints and stools including beginning drawings, progressive color proofs, and a state proof, all used to produce Balancing Act by Mr. Swanson (1998.0146).


Lisa Thoerle: white plastic fly swatter marked "We'll Get the Bugs Out" (1998.0303).


Union of Needletrades, Industrial and Textile Employees (through Jay Mazur): 14 objects relating to employee abuse in sweatshops including 10 documents, a set of stickers, shopping bag, T-shirt, and a videotape cassette (1997.0310).


U.S. Department of Justice, Immigration and Naturalization Service (through Phil Bonner): 24 forged documents, censored letters to worker's families, items sold at a company store, and evidence photographs, all related to the raid on the El Monte, California, sweatshop on August 2, 1995 (1997.0268).


U.S. Department of the Treasury, U.S. Customs Service (through Norma


Winifred S. Weislogel: 12 report cards, 7 certificates, 2 quizzes, a set of charts and experiments, student handbook, and an oral hygiene diploma, all from Ms. Weislogel’s public school education, 1932–45 (1998.0047).


Ruth Coleman Wetherall: 6 objects used by C. Norman Coleman who went on 3 expeditions to Antarctica between 1945 and 1968 including 2 insignia, a pin, commemorative plate, license plate, and an experimental face protector (1997.0371).


James J. Williams: protractor, logic template, office organizing template, and a set of 2 punched cards used as templates for drawing lines (1998.3.104).

Prof. Michael R. Williams: 4 logic templates and 2 punched cards (1997.3.099).


Barbara and Warren Winjarski: 28 pieces of equipment and tools used in the vineyards and winery operations at Stag’s Leap Wine Cellars (1998.0181); 47 wine bottles, bottle labels, winery tools, and vineyard tools used at Stag’s Leap Wine Cellars (1998.3.058).


Witherspoon Street Presbyterian Church (through Cecelia B. Hodges and Shirley A. Satterfield): pew, sign, and a Sunday school chair from the church in Princeton, New Jersey, where Paul Robeson’s father, former slave Rev. William Drew Robeson, was minister from the 1870s to 1901 (1999.0.127).

Janice C. Wolf: 3 78rpm phonograph records, a tri-fold album cover, and a brochure, all comprising “Victor Records for Healthy Exercises,” ca. 1923 (1999.0113).


Helena E. Wright: gym tunic and bloomers worn by Ms. Wright at Bryn Mawr College, 1964–68 (1998.0.132); woman’s accessories including 2 garter belts, a lipstick “matchbook” set, false eyelashes, hair net, and a perfume sample. 1940–70 (1998.0.320).

Raymond Wright: 9 Mexican specimen notes from the pre-1910 revolutionary period (1998.0.342).

Wyeth-Ayerst Laboratories (through Audrey Ashby); Norplant contraceptive system kit with 2 sets of educational material (1998.0157).


National Museum of the American Indian

Donors of Financial Support

$1,000,000 or more

The Mashantucket Pequot Tribal Nation

$500,000 or more

The Andrew W. Mellon Foundation

$100,000 or more

Anonymous (2)
The Arthur Vining Davis Foundations
Mr. George Gund III and Mrs. Iara Lee
The John D. & Catherine T. MacArthur Foundation
Margaret Knowles Schink
Mr. Eugene Victor Thaw (Eugene V. & Clare E. Thaw Charitable Trust)
Turner Foundation, Inc.

$50,000 or more

Ms. Ann Simmons Alspaugh
The Morris and Gwendolyn Cafritz Foundation
Mr. and Mrs. Charles Diker

Fannie Mae Foundation
Mrs. Ruth Greenberg
Mr. and Mrs. Eugene Mercy, Jr.
Mr. and Mrs. Carroll O’Connor

$10,000 or more

Mr. Roger T. Abelson
Mr. and Mrs. James A. Block
Mr. Tom Brokaw (Brokaw Family Foundation)
Mr. and Mrs. William K. Butler III
The Chase Manhattan Bank
Mr. and Mrs. Joseph M. Cohen
The Community Foundation for the National Capital Region
Con Edison
Mr. and Mrs. David Cook
Mr. and Mrs. Tomas G. Cousins
Mr. and Mrs. Carl B. Davis
Dewey Ballantine LLP
Mr. and Mrs. Charles Diker
Mr. and Mrs. John Ernst
Ernst & Young LLP
Mr. Alfred Feinman
The Ford Foundation
George Magazine
Mr. Richard Gilbert
Mr. William T. Golden (Golden Family Foundation)
Mr. and Mrs. Ben Hartnett
Hewlett-Packard Company
Mr. and Mrs. Alan J. Hirschfield
Mr. and Mrs. Victor Kaufman
Mr. Gene A. Keluche (International Conference Resorts, Inc.)
Mr. Jay I. Kislak
Mr. and Mrs. Robert Krissel
Mr. Thomas H. Lee
Manhattan Cruises
Mobil Corporation
Monterey Fund, Inc.
Morning Star Gallery
National American Spirit Foundation
New York Community Trust
New York Mercantile Exchange
Mr. Paul Newman (The Newman’s Own Fund)
Mr. Morris W. Offit
Mr. and Mrs. William A. Potter
Ms. Ann Roberts
The May and Samuel Rudin Family Foundation, Inc.
Mr. and Mrs. William Taubman
Ms. Ann Tenenbaum
Texaco
Mr. John L. Tishman (John and Daniel Tishman Fund)

Mr. Thomas W. Weisel
Mr. James D. Wolfensohn
(Wolfensohn Family Foundation)

$5,000 or more

Mr. and Mrs. Robert D. Haas
Mrs. Emily Fisher Landau
Mr. and Mrs. Leonard A. Lauder
Mr. and Mrs. Robert Linton
Polshek and Partners Architects LLP
Rose Associates, Inc.
Mary H. Rumsey Foundation
Mr. Bruce Slovin

$2,000 or more

Mr. and Mrs. Dale Anderson
Mrs. Iris Apfel
Mr. and Mrs. Arnold Aronson
Mrs. Leah Barnett
Mr. and Mrs. Robert A. Bernhard
Mr. and Mrs. Leonard Bernheim, Jr.
Mr. and Mrs. Leonard Block
Mr. and Mrs. Thomas Block
Ms. Anna Bono
Christie’s Inc.
Drs. Dexter and Dennis Cirillo
Mr. and Mrs. Howard Cohen
Mr. and Mrs. James W. Crystal
Mr. and Mrs. Frederick M. Danziger
Mr. and Mrs. Charles De Bare
Mr. and Mrs. Roger Felberbaum
Mr. and Mrs. Robert Fisher
Mr. John Fletcher III
Mr. and Mrs. Howard Ganek
Mr. H. Malcolm Glimmer
Ms. Agnes Gund
Mr. and Mrs. Joseph Helman
Mr. and Mrs. Frank W. Hoch
Mr. and Mrs. Monte Hurowitz
Mr. and Mrs. James Iselin
Mr. and Mrs. Amos Kaminski
Mrs. Rose Kramer
Dr. Francesca Kress
Mr. and Mrs. Mel Lavitt
Mr. and Mrs. John H. Lese
Dr. Jerry H. Lynn
Mr. Dennis Lyon
Mr. and Mrs. Burt Manning
Milford Plaza
Mr. and Mrs. Paul Morgan
Mr. and Mrs. Andre Nasser
Mr. and Mrs. Harold Oelbaum
The Palace Bingo
Mr. and Mrs. William Peskoff
Mr. and Mrs. Jim Richman
Mr. and Mrs. William Rollnick
Donors

Mr. Earl Rubley
Mr. and Mrs. Ronald Ruskin
Mr. and Mrs. David Saity
Mr. and Mrs. Leo Schenker
Mr. and Mrs. Stephen A. Simon
Mr. and Mrs. Richard H. Solomon
Mr. and Mrs. Joseph Stamler
Mr. and Mrs. Theodore Stanley
Mr. Bennir Tekiner
Mr. and Mrs. Laurence Tisch
Mr. and Mrs. Donald Tober
Mr. Ted Trotta
Mr. and Mrs. Thomas Unterberg
Mr. and Mrs. Nathaniel Usdan
Ms. Lillian Vernon
Mr. and Mrs. Clifton von Jaeger
Mr. and Mrs. Allen Wardwell
Mr. and Mrs. Christopher Webster
Mr. Richard E. Whalen
Mr. and Mrs. Norman C. Willcox
Ms. Lisa Wishnick
Mr. Martin Zelman

Donors of In-Kind Support

Mr. Robert L. Bernstein
Mr. Stanley M. Blaugrund
Fujii Photo Film U.S.A., Inc.
Hewlett-Packard Company
Mrs. Patricia Kenner
Mr. Virgil Ortiz
Mr. William Tarver

Donors to the Collection

Gift from Mr. Tony Abeyta: Mixed-media painting "Gathering from Four Directions" (25/4996).
Gift from Mr. Joseph W. Bell: Sioux headdress (25/5014).
Gift from Ms. Eleanor Burleson: Three pair of Sioux moccasins and a beaded pipe bag (4 pieces) (25/5010–25/5013).

Gift from Mr. Steven Grafe: Dissertation: "The Origins of Floral Design Beadwork in the Southern Columbia River Plateau."
Purchased from Kristina Kis Halas $150: Two early-twentieth-century prints of Native Americans.
Gift from Ms. Suzanne Hill: Publication: "The Flint and the Feather."
Gift from Mr. Carl Kanter: Four cariawba animal effigy pots (25/5006–25/5009).
Gift from Mr. John M. Kaufman: Two photographs of Chief Iron Hail.
Gift from Ms. Priscilla (Pat) King: Collection of 146 objects consisting primarily of Pueblo pottery, Northwest Coast, Pima and Apache baskets, and textiles from the regions of Two Grey Hills, Burnt Water, Tecel Nos Pos and Wide Ruins (25/4658–25/4801 and 25/4890–25/4891).
Purchased from Lee Marmon $7,500: 70 photographs from the exhibition at GGHC "Lee Marmon: 50 Years at Laguna Pueblo."
Gift from Quechua Delegation; Nazario Turpo—spiritual leader: Offering arrangement (Despacho) dedicated to Mother Earth (Pachamama) (25/5027).
Gift from Quechua Delegation; Mr. Carmelo Achangaray and Ms. Guadalupe Holgado: Quechua hat, Uncuna (small bundle for coca leaves), man's poncho, authority stick with engraved silver sheets (4 pieces) (25/5020–25/5023).
Gift from Quechua Delegation; Mr. Nazario Turpo: One man's hat (Chulla), one man's poncho (2 pieces) (25/5025–25/5026).
Gift from Quechua Delegation; Mr. Carmelo Achangaray: Ceramic vessel dedicated to the NMAI-SI (25/5024).
Gift from Quechua Delegation; Aurelio Carmona: Two journals published by the Universidad Nacional de Cusco—Revista Universitaria no. 135, 1993; Andes no. 3, 1999.
Purchased from visiting Quechua Delegation $150: One Quechua poncho One Quechua hat (25/5018–25/5019).
Purchased from Gene Quintana $21,600: Nine baskets by weaver Bertha Wright (25/4878–25/4886).
Gift from Ms. Nancy Rosoff: Kuna Pounder (25/5029).
Gift from Mr. David Saity: Collection of 35 pieces of Navajo and Zuni jewelry and one cradleboard (25/4812–25/4877).
Gift from Mr. Ron Harris Shafer: Cherokee pot (25/4889).
Gift from Alice Coleman Smith—from the Estate of Jean Ellen Coleman: Two Apache toy cradleboards, sand painting (25/5015–25/5017).
Gift from U.S. Department of Justice: Navajo wearing blanket circa 1865 (25/5005).
Gift from Ms. Thea Westreich and Mr. Ethan Wagner: Two woven Tlingit baskets (25/5041–25/5042).

National Museum of Natural History

Donors of Financial Support

$1,000,000 or more
The Behring Foundation
The Eberly Foundation
National Stone, Sand & Gravel Association
Volvo Group North America

$100,000 to $999,999
Morris & Gwendolyn Cafritz Foundation
The Coca-Cola Foundation
$50,000 to $99,999
The Japan Foundation
Mrs. Alice Eve Kennington
Mr. Jeffrey W. Meyer
Miami Museum of Science
Nippon Foundation
Shell Oil Company Foundation

$1,000 to $4,999
Aleutian Pribilof Islands Association
American Adventure Productions
American Zinc Association
Arizona Zoological Society
Mr. Michael Baly
Jeanne Beckhuis Gift Fund
Bisbee Mining and Historical Museum
Mr. Robert H. Braunohler
Mr. R. Craig Campbell
Mr. John D. Chapman
Dr. Isabella C. M. Cunningham
Detroit Zoological Society
Economic Development Committee of Mid-Florida
Mr. Robert K. Edson
Faucett Family Trust
Gem, Lapiary & Mineral Society
Sumner Gerard Foundation
Mrs. Gloria Shaw Hamilton
Harrison Family Trust
Mrs. Elaine A. Harrison
Col. George E. Hesselbacher
Dr. W. Ronald Heyer
Mrs. Gloria Hidalgo
Mr. and Mrs. Stephen A. Hopkins
Jefferson-Pilot Corporation
Mr. David S. Jernigan
The Honorable Edward W. Kelley
Ms. Jeanne M. Lemmer
Mr. William N. Mason
McClure For U.S. Senator Committee
Nancy J. McLarty Trust, 1976
The Honorable Ann D. McLaughlin
Mrs. Kimberly R. Menninger
Mr. Herbert S. Miller
NHK Enterprises USA, Inc.
Mr. David A. Olive
Mr. Richard E. Pettit
Pfizer Inc.
Potomac Electric Power Company
Ms. Judy Lyn Prince
Mr. Hans Pulpan
Qagan Tayagungin Tribe
Rachel Carson Middle School PTA
Mrs. Karen R. Ramirez
Ringing Rocks Foundation
Mr. Gregory S. Rodman
Summer Rodman
Miss Marguerite V. Schneeberger
Science Service, Inc.
Mr. Wayne Shelton
Mr. B. J. Stone
Mr. William C. Storey
Sunrise Ford Company
Ms. Patricia S. Swaney
Tulsa Zoo Friends, Inc.
Ms. Linda A. Ward
Washington Inc.
Mr. Thomas L. Wright

$500 to $999
Aleutians East Borough
BBC Production Company
Boise Cascade Corporation
City of False Pass
Downtown Reel Productions, Inc.
Henninger Media Services, Inc.
Mobil Foundation, Inc.
Nelson Lagoon Corporation
Mr. George B. Rabb
Mr. John M. Rankin
UNGA Corporation
Mr. Harrison T. Watson

$250 to $499
Dr. David Dilcher
Mrs. Judith L. Flak
Mr. and Mrs. James S. Gilliland
Mr. Christopher M. Kinsey
Mr. John M. Meeks
Pacific SW Biological Services
Mr. Paul Risser
San Francisco Zoological Society
Towers Productions, Inc.
Mrs. Nancy A. Wormeli

Donors to the Collection
Institutional Gifts
Academy of Natural Sciences
Adrian College, Adrian, Michigan. 3 mites (2010.053).
Agricultural Research Center,
Esfahan, Iran. 80 moths (2008.776).
Agricultural Research Council, Preroria, South Africa. 8 parasitic wasps (2009678).
Agricultural University, Wageningen, The Netherlands. 1 fish specimen (2011221).
Amway Corporation, Lake View, California. 6 lace bugs (2008104).
ARC-Plant Protection Research Institute, Pretoria, South Africa. 4 mites (2013045).
Arizona State University, Tucson, Arizona. 32 tiger beetles (2009407, 2012151).
Asociacion Mexicana de Orquideologia, Mexico City, Mexico. 3 plants (2010799).
Asociacion para la Conservacion del Patrimonio de Cultiviren, Lima, Peru. 14 Anthropological specimens; seeds, necklaces, axe, bag, comb, and baby carrier (1046011).
Auburn University, Auburn, Alabama. 2 fish specimens (2013093).
Auckland Institute and Museum, Auckland, New Zealand. 2 gastropods (1046336), 2 mollusks (1046339).
Australian Quarantine and Inspection Service, Canberra, Australia. 2 insect specimens; scale and mites (2008521).
Behrend College, Erie, Pennsylvania. 23 caddisflies (2008636, 2009069, 2009459).
Bermuda Biological Station for Research, Inc., St. George's, Bermuda. 10 crustacea (2012119).
Bernice P. Bishop Museum, Honolulu, Hawaii. 15 fish specimens (2011159, 2012664).
Boston University Marine Program, Woods Hole, Massachusetts. 23 crustacea: copepods (2011535).
Botanic Gardens of Toyama, Taiwan. 2 lichens (2008630).
Brigham Young University, Provo, Utah. 63 vascular plant specimens (1013178).
California Academy of Sciences, San Francisco, California. 2 mollusks (1046342), 1 mollusk: gastropod (1046344), 4 wasps (2008456), 1 barnacle (2009478), 1 fish (2011736).
California Department of Food and Agriculture, Fresno, California. 6 beetles (2010533, 2010548).
California Institute of Technology, Pasadena, California. 24 analyzed glass rods (2010751).
California Polytechnic State University, San Luis Obispo, California. 2 plants (2011362).
Center for Marine Conservation, Washington, D.C. 15 crustacea from Navassa Island (2009402).
Center for Land and Biological Resources, Ottawa, Ontario, Canada. 9 moths (2011976).
Chiba University, Chiba, Japan. 11 petunias from Brazil (2011848).
Chonbuk National University, Chonju, Republic of Korea. 5 fish specimens (2012239).
Cidade Universitaria, Sao Paolo, Brazil. 4 mollusks: gastropods (1042964).
Los Angeles County Museum of Natural History, Los Angeles, California. 10 mollusks: gastropods (1046436, 1046441).
College of Micronesia, Pohnpei, Federated States of Micronesia. 16 fish specimens (2012871).
Colorado State University, Fort Collins, Colorado. 20 caddisflies from Korea (2008378), 96 caddisflies and mayflies from Mexico and Costa Rica (2010299).
Columbia University, Biosphere 2 Center, Oracle, Arizona. 62 isopods from Brazil, Mexico, and the United States (2009135).
Companhia Vale do Rio Doce, Espirito Santo, Brazil. 4 plants (2006449), 5 Asteraceae plants (2009824), 8 Begoniaceae and Gramineae plants (2012466), 14 Commelinaceae plants (2012721).
Continental Shelf Associates, Metairie, Louisiana. 3 fish specimens (2010166).
Coral Reef Research Foundation, Kooro PW, Federated States of Micronesia. 39 fish specimens (2010559), 6 corals (2010936).
Cornell University, Ithaca, New York. 8 freshwater crabs (2009869), 4 Acanthaceae plants (2010940).
DePaul University, Chicago, Illinois. 75 crustacea (2009215).
Dow Agro Sciences, Tampa, Florida. 459 true bugs, assassin bugs, broad-headed bugs, and toad bugs (2010157).
El Colegio de la Frontera Sur (ECOSUR), Chetumal Quintana, Mexico. 19 crustacea: copepods (1046202, 2007982, 2008619, 2008914, 2011028).
EMBRAPA-Recursos Genéticos e Biotecnologia, Caixa Postal, Brazil. 13 mites (2009423, 2011901).
ENSR, Consulting, Engineering and Remediation, Woods Hole, Massachusetts. 2 crustacea (2012074).
Entomology Research Group, Innsbruck, Austria. 4 bugs from Italy and West Africa (2011876).
ESCO Associates, Boulder, Colorado. 56 Asteraceae plants from Peru (2012313).
Field Museum of Natural History, Chicago, Illinois. National Cancer Institute vouchers: 4 from Borneo (1046469), 9 from Borneo and from Papua New Guinea (1046473), 181 from the Philippines (1046478), 123 from Papua New Guinea (1046479), 41 from Thailand, Singapore and E. Malaysia (1046488), 66 from Papua New Guinea (1046494), 44 from Vietnam (2011202), 1 Non-National Cancer Institute voucher from Thailand (1046489), 1 mollusk (2008625), 34 various plant families from Peru (2011206), and 2 Asteraceae plants from Peru (2011544).
Florida A and M University, Tallahassee, Florida. 2 beetles from Costa Rica (2010176).
Florida Department of Agriculture and Consumer Services, Gainesville, Florida. 6 crustacea: copepods (2012216).
Florida International University, Miami, Florida. 23 gastropods (2009072).
Florida Marine Research Institute, Port Manatee, Florida. 41 fish specimens (2012855).
Florida Museum of Natural History, Gainesville, Florida. 3 fish specimens (2010621), 50 gastropods (2011520).
Florida State Museum, Gainesville, Florida. 4 living gastropods
Indian River Coastal Zone Museum, Fort Pierce, Florida. 15 mollusks: gastropods (104,6387).

Indiana University, Bloomington, Indiana. 2 Fabaceae plants (2010818).

INP-CRIP Puerto Morelos, Quintana Roo, Mexico. 14 black corals (2008416).

Institut fur Systematische Botanik der Ludwig-Maximilians-Universitat, Munchen, Germany. 12 plants from Guatemala, Peru, and Ecuador (2011753).

Institut Royal des Sciences Naturelles, Bruxelles, Belgium. 1 neo-tropical beetle (2009880).

Institute for Cambrian Studies, Boulder, Colorado. 8 Early Middle Cambrian fossils from Nevada (2010697).

Institute of Ecosystem Studies, Millbrook, New York. 19 crustacea: copepods (2008940).

Institute of Marine Biology, Taiwan, Republic of China. 14 specimens of deep-sea fishes and hagfishes from Taiwan (2011666).

Instituto de Botanica Darwinion, Buenos Aires, Argentina. 113 vascular plant specimens (2009701).

Instituto de Botanica del Nordeste, Corrientes, Argentina. 5 Acanthaceae plants from Brazil (2010771).

Instituto de Fitosanidad, Colegio de Postgraduados, Caixa Postal, Mexico. 2 beetles (2004466).

Instituto de Biodiversidad, Santo Domingo, Costa Rica. 10 beetles (2009856).

Instituto Nacional de Pesquisas de Amazonia, Manaus, Brazil. 305 plants (2009821), 24 Sapindaceae plants (2011147).

Instituto Superior de Entomologia, Tucuman, Argentina. 14 bat flies (2009288).

Instituto de Zoologia Tropical, Caracas, Venezuela. 18 fish specimens (2011373).

Inter-American Tropical Tuna Commission, La Jolla, California. 1 fish specimen (2010280).

J.L.B. Smith Institute of Ichthyology, Grahamstown, South Africa. 1 fish specimen (2011349).

Jagiellonian University, Krakow, Poland. 15 caddisflies from South Korea (2011614).

James Cook University of North Queensland, Queensland, Australia. 5 fish specimens (2011441).

James Madison University, Harrisonburg, Virginia. 17 crustacea: copepods (2010456).

Japan Marine Science and Technology Center, Yokosuka, Japan. 8 gastropods (2009439).

JoJo Resort, Seisu, Japan. 1 mollusk: gastropod (2012622).

Kansas State University, Manhattan, Kansas. 8 mites from Ecuador and Panama (2011921).

La Universidad, Maracaibo, Venezuela. 12 mollusks (2008183).


Marine and Environmental Research Institute of Pohnpei, Pohnpei, Federated States of Micronesia. 23 sea cucumbers (2008319).

Marine Science Center, Massachusetts. 12 slides of serial sections of nemerteans worms (104,3989).

Milwaukee Public Museum, Milwaukee, Wisconsin. 15 fish specimens (2010556).

Ministry of Fisheries, Nha Trang City, Vietnam. 3 scallops (2009197).

Missouri Botanical Garden, St. Louis, Missouri. National Cancer Institute vouchers: 3 from Madagascar (104,6468), 195 from Madagascar (104,6471), 1 of Lauraceae from Madagascar (104,6475), and 449 from Africa and Madagascar (104,6499); 51 plants (2005890), 83 various plants from Madagascar, Ecuador, and Nicaragua (2006325), 4 Acanthaceae plants from Bolivia (2007890), 28 Acanthaceae plants from Ecuador (2007892), 25 plant specimens from Colombia (2009835), 35 Plantergans from the Dominican Republic (2009975), 20 Lichens from Surinam (2010016), 1 Gesneriaceae from Belgium (2010307), 17 Asteraceae from Mexico, Belize, Panama, Guatemala, and Honduras (2010342), 701 Asteraceae from Paraguay (2010812), 36 NCI
Vouchers from África and Madagascar (2011170), 272 asteraceae from Paraguay (2011530), 198 Acanthaceae plants from Paraguay (2012140), 4 Theaceae plants from Ecuador (2012315), 246 Asteraceae from Ecuador (2012454), 7 Gesneriaceae plants from Peru (2012927), 9 Gesneriaceae plants from Suriname (2012928), 22 Gesneriaceae plants from Ecuador (2012930), 2 Tiliaceae from Suriname (2012966), 9 Asteraceae plants from Suriname (2013120).

Museo de Historia Natural La Salle, Caracas, Venezuela. 12 flowering plants from Venezuela (2007509).

Museo de Zoologia, Concepcion, Chile. 6 moths (2012161).

Museo Geologico del Seminario de Barcelona, Barcelona, Spain. 1 coral (2011252).

Museu Botanico Municipal, Curitiba, Brazil. 286 Asteraceae plants from Brazil (2004478, 2010233, 2015531, 2011464, 2011935, 2012199, 2013131).

Museu de Ciencias e Tecnologia, Porto Alegre, Brazil. 2 fish specimens (2010619).

Museu de Ciencias Naturais, Caxias do Sul, Brazil. 221 plants from Brazil (2009822, 2010052, 2010259, 2011571).

Museu de Zoologia, Sao Paulo, Brazil. 1 fish specimen (2011445).

Musee National d'Histoire Naturelle, Paris, France. 13 published octocoral types (1046254), 9 mollusks: gastropods (1046406), 45 corals from New Caledonia (2010861).

Museum of Paleontology, Berkeley, California. 21 gastropods (1046350, 2009505).

Museum of Victoria, Melbourne Victoria, Australia. 12 mollusk bivalve vouchers (1046345).


National Institute of Hygiene and Epidemiology, Hanoi, Vietnam. 22 crustaceae: copepods (2009200).

National Institute of Water and Atmospheric Research, Kilbirnie, New Zealand. 2 fossil corals (2011251).


National Natuurhistorisch Museum, The Netherlands. 1 mollusk (2011893).

National Science Museum, Tokyo, Japan. 359 specimens of marine shore fishes (2009302), 7 sawflies (2010553).

National Taiwan Ocean University, Keelung, Taiwan. 5 shrimp (2009158).

National Tsing Hua University, Taiwan, Republic of China. 1 fish specimen (2011663).

National University of Singapore, Lower Kent Ridge Road, Singapore. 10 crabs (2008752, 2008755).

National History Museum and Institute, Chiba, Japan. 1 crab (2008462).

National History Museum, Los Angeles, California. 10 crustacea: isopods (2010748).

National History Museum, San Diego, California. 4 caddisflies (2010293).

Naturhistorisches Museum Basel, Basel, Switzerland. 1,000 bryozoans (2008767), 23 neo-tropical beetles from the Caribbean (2010256).

New York Botanical Garden, New York, New York. National Cancer Institute vouchers: 26 from Belize and South America (1046467), 3 from Bolivia (1046470), 132 from Bolivia, Belize and Dominica (1046472), 67 from Belize, Dominica, Bolivia, Peru and Fairchild Tropical Garden (1046475), 9 from Belize and Dominica (1046476), 7 from Colombia, Dominica and Fairchild Tropical Garden (1046477), 9 from Martinique and South America (1046490), 2 from Guatemala (1046491), 12 from Guatemala (1046495), 16 from South America (1046496), 19 from Dominica, Central America and South America (1046497), 29 from Central and South America (1046490), 4 of Asteraceae from Dominica and Belize (1046491), 6 from Colombia and Ecuador (1046493), 2 of Anacardiaceae from Belize and Orchidaceae from Dominica (1046496), 14 of Asteraceae plants from Guyana (1046497), 2 of Actinidaeae plants from Colombia (1046498), 107 from Guatemala (2010206), 13 from Belize and Bolivia (2010812), 151 from Guatemala (2011050), 96 from Belize (2011094), 48 vouchers from Ecuador (2011543), 14 from Ecuador (2011727), and 100 from Dominica, Ecuador and Paraguay (2012659); 215 plants (2002110), 31 plants (2009574), 16 Asteraceae plants from Brazil and Bolivia (2010187), 18 plant specimens (2010666), 27 Acanthaceae, Asteraceae, Sapindaceae and Tiliaceae plants from Brazil and Bolivia (2011710), North Carolina State University, Raleigh, North Carolina. 2 plant specimens (2010539).

North of England Zoological Society, Chester, United Kingdom. 300 fish specimens from Nigeria (2009796).

Northeastern University, Nahant, Massachusetts. 19 polychaete worms (2010088).

NOVA Southeastern University, Dania, Florida. 2 sea cucumbers (2009534), 1 crab (2009816).

Oklahoma State University, Stillwater, Oklahoma. 138 mollusks (2008724), 50 snails (2009313).

Old Dominion University, Norfolk, Virginia. 1 crustacean (2009902).

Oregon State University, Corvallis, Oregon. 1 lichen from New Mexico (2009139), 36 mites (2008964, 2010107).

Paleontological Institute, Moscow, Russia. 33 Early and Middle Ordovician fossils (2010642).

Philippine National Herbarium, Manila, Philippines. 3 ferns from the Philippine Islands (2012385).

Plant Protection Research Institute, Pretoria, South Africa. 12 neotropical lace bugs (2008650), 9 mites (2008943).

Pontificia Universida Catolica do Rio Grande do Sul, Porto Alegro, Brazil. 230 fish specimens (2012170, 2012586).

Purdue University, West Lafayette, Indiana. 9 dance flies (2008712).
Rijksbureau, Leiden, The Netherlands. 7 National Cancer Institute vouchers from Northern Sumatra (1046482).
Rijksmuseum van Natuurlijke Historie, The Netherlands. 4 mollusks: gastropods (1046431).
Rosenstiel School of Marine and Atmospheric Sciences, Miami, Florida. 6 gastropods (1046337, 1046338), 9,200 echinoids (1046383).
Royal Botanic Gardens, Sydney New South Wales, Australia. 75 plants (2004840), 1 Commelinaceae plant from Asia (2012722).
Royal Ontario Museum, Toronto, Ontario, Canada. 1 hydrozoan from Bermuda (2010158), 1 foraminifera from Bermuda (2012767).
Russian Academy of Sciences. P.P. Shirshov Institute of Oceanology, Moscow, Russia. 2 fish specimens (2010717).
San Diego Zoo, San Diego, California. 1 gazelle skin, skull, and skeleton (2011366).
Santa Barbara Botanic Gardens, Santa Barbara, California. 43 lichens (2010615).
Scripps Institution of Oceanography, La Jolla, California. 10 fish specimens (2007149), 732 crustacea: copepods (2010126).
Smithsonian Tropical Research Institute, Balboa, Panama. 9 Acanthaceae plants from Panama (2009010).
South African Museum, Cape Town, South Africa. 27 fig wasps from Namibia and Tanzania (2011482).
Southeast Louisiana University, Hammond, Louisiana. 211 crustacea: copepods (2008958), 27 leeches (2012153).
Southwest Texas University, San Marcos, Texas. 46 fossil plants (2009581).
State of New Mexico, Santa Fe, New Mexico. 50 gastropods (2011397).
State of West Virginia, Charles Town, West Virginia. 4 beetles from Mexico (2009884).
Station Biologique de la Tour du Valat, Arles, France. 4 protozoans (2008493).
Swedish Museum of Natural History, Stockholm, Sweden. 2 gastropods (1046343), 8 crustaceans (2010488), 17 fish specimens (2010625).
Tennessee Aquarium, Chattanooga, Tennessee. 5 crustacea: copepods (2012606).
Terminix International, Anaheim, California. 20 moths; larvae and adults (2008906).
Texas A and M University, College Station, Galveston, Texas. 9 amphipods from Mexico (1046059), 4 beetles (2007142), 1 shrimp (2010150), 3 ostracods from the Bahamas (2010935), 10 crustaceans (2013036).
The Academy of Natural Sciences, Philadelphia, Pennsylvania. 10 gastropods (2011347).
The Australian Museum, Sydney, Australia. 40 gastropod vouchers for consumptive analysis (2009142), 35 gastropods (2009646), 3 isopods (2010754), 1 mollusk: gastropod (2012401), 18 worms (2012190).
The College of William and Mary, Gloucester Point, Virginia. 9 shrimps (2011472).
The Colorado College, Colorado Springs, Colorado. 51 sponges from the Manitou (2011113).
The Morton Arboretum, Lisle, Illinois. 500 NCI vouchers (2010096).
The Natural History Museum, London, United Kingdom. 16 scales from the South Pacific areas (2008457), 447 white flies (2009415), 40 crustacea: copepods (2009613), 8 parasitic wasps from New Zealand (2009851), 1 mollusk: gastropod (2011640).
The Ohio State University, Columbus, Ohio. 4 mollusks: gastropods (1046524).
The University of Arizona, Tucson, Arizona. 3 fish specimens (2013095).
The University of Hong Kong, Yuen Long New Territories, Hong Kong. 1 moth (2010329).
The University of Kansas, Natural History Museum, Lawrence, Kansas. 1 shrew skull and skeleton (2012697).
The University of Texas, El Paso, Texas. 1 mollusk (2009137).
Natural, Lima, Peru. 4,206 fish specimens (2012392, 2012601), 1,062 vascular plants (2012463).

Universidade de Sao Paulo, Sao Paulo, Brazil. 34 copepods (2007950), 41 Asteraceae plants (2010013), 12 crustacea: copepods (2010432).

Universidade Estadual de Campinas, Sao Paulo, Brazil. 13 plants (2003291), 15 spiders (2007364).

Universidade Federal de Minas Gerais, Minas Gerais, Brazil. 145 Asteraceae and Acanthaceae plants (2010732).

Universidade Federal de Santa Catarina, Santa Catarina, Brazil. 10 mollusks (2012624).

Universidade Federal do Paraná, Curitiba, Brazil. 13 crustacea: copepods (2011285).

Universidade Federal do Piauí, Teresina, Brazil. 8 Sapindaceae plants (2011149).

Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil. 8 fish specimens (2010318), 4 mollusks: gastropods (2012414).

Universidade Federal Rural de Pernambuco, Recife, Brazil. 128 plant specimens (2004497).

Universidade Federal Rural do Rio de Janeiro, Rio de Janeiro, Brazil. 22 crustacea: copepods (2009700).

Universitat Hamburg, Hamburg, Germany. 5 fish specimens (2011579, 2011604).

Universitat Zurich-Irchel, Zurich, Switzerland. 561 shore flies from India, Tanzania, and Seychelles (2009210).

Universiteit van Amsterdam, Zoologisch Museum, Amsterdam, The Netherlands. 7 mollusks: gastropod (2010248, 2013663).

Universiteit Bielefeld, Bielefeld, Germany. 11 crustacea: copepods (2009933).

University of Aarhus, Aarhus, Denmark. 2 plant specimens from Ecuador (2012728).

University of Arizona, Tucson, Arizona. 16 aphids (2008897), 1 parasitic wasp (2011201).

University of Bergen, Bergen, Norway. 2 caddisflies (2008675), 100 crustacea: copepods from the Bahamas (2013843).

University of Bristol, Bristol, United Kingdom. 2 fish specimens (2011581).

University of California-Berkeley, Berkeley, California. 40 gastropods from Marble Canyon (2009073), 44 stomatopods from Lizard Island (2009098), 20 beetles from Mexico (2009380).

University of California-Bishop, Bishop, California. 50 mollusks: gastropods (2012408).

University of California-Davis, Davis, California. 200 seed wasps (2007854), 13 Asteraceae plants (2005672, 2012804).

University of California-Irvine, Irvine, California. 9 hydraeans (2008496).

University of California-Los Angeles, Los Angeles, California. 10 crustacea: isopods (1046181), 2 beetles from Costa Rica (2009260).

University of California-Riverside, Riverside, California. 40 fossil plants (2009603), 5 Gesneriaceae plants from Mexico and Costa Rica (2011955).

University of Central Oklahoma, Edmond, Oklahoma. 7 caddisflies from the West Indies (2008331), 8 leeches (2010768).

University of Colorado Museum, Boulder, Colorado. 1 lichen (2010357).

University of Copenhagen, Copenhagen, Denmark. 5 mollusks: gastropods (1046360), 6 polychaete worms (2010895).

University of Delaware, Lewes, Delaware. 26 larvaeworms (2009864).

University of Florida, Florida Museum of Natural History, Gainesville, Florida. 3 gastropods (2009189).

University of Florida, Tropical Research and Education Center, Homestead, Florida. 473 plant bugs, lace bugs and other various specimens from Florida, Costa Rica, and Trinidad (2008474), 98 plant bugs from Jamaica and the Bahamas, lace bugs from Ecuador, notonectidae from Florida, and saldidae from the Dominican Republic (2008847).

University of Georgia, Aiken, South Carolina. 36 copepods (2010528).

University of Glasgow, Hunterian Museum, Glasgow, Scotland. 2 casts of theropod caudal vertebrae (2010783).

University of Guam, Mangilao, Guam. 5 bamboo plants (2009981), 13 mollusks with egg samples (2011734), 11 tunicate worms (2012115).

University of Guelph, Guelph, Ontario, Canada. 1 fern (2010608).

University of Helsinki, Helsinki, Finland. 5 lichens from Finland and Italy (2009140).

University of Illinois, Urbana, Illinois. 26 plant specimens (2012999).

University of Kansas, Lawrence, Kansas. 1 coral (2010072), 2 sea anemone (2008401).

University of Maine, Orono, Maine. 61 echinoderms: sea stars (2008346), 123 echinoderms from Antarctica (2009227), 129 echinoderms from Antarctica (2009590), 204 sea stars and sea urchins (2009621), 267 asteroids and echinoids (2010534).

81 crustaceans (2010596), 258 asteroids, echinoids, sponges, brachiopods, mollusks and corals (2010784), 109 echinoderms, crustaceans and worms (2011952), 261 echinoderms, coelenterata, mollusks, and crustacea (2012225), 102 echinoderms: starfish and crustacea: decapods (2013180).

University of Maryland, College Park, Maryland. 5 mollusks: gastropods (1046347).

University of Massachusetts, Amherst, Massachusetts. 30 mollusks: gastropods (1046348).

University of Miami, Miami, Florida. 1 sea cucumber (2009737).

University of Michigan, Ann Arbor, Michigan. 3 mites (2010355), 26 Sapindaceae plants from Ecuador (2011981).

University of Minnesota, St. Paul, Minnesota. 47 neo-tropical caddisflies (2008341).

University of Nebraska, Nebraska State Museum, Lincoln, Nebraska. 4 crustaceans (2009905), 5 beetles (2012443).

University of New Hampshire, Durham, New Hampshire. 6 caddisflies (2010662), 7 plant specimens (2011581), 21 Poacea
plants from Bolivia (2012023),
39 Asteraceae plants from Bolivia (2012032), 7 Phanerogam plants from Bolivia (2012456).
University of North Dakota, Grand Forks, North Dakota. 1 terrestrial gastropod (2009572).
University of Oklahoma, Norman, Oklahoma. 25 water beetles from Panama (2012823).
University of Oklahoma, Stillwater, Oklahoma. 40 gastropods (2011343).
University of Puerto Rico, Lajas, Puerto Rico. 328 copepods from Puerto Rico and Gulf of Mexico (1042787), 131 crustacea: copepods (2011214).
University of Puget Sound, Slater Museum, Tacoma, Washington. 2 dragonflies (2008438).
University of Rhode Island, Kingston, Rhode Island. 71 polychaete worms (2009488).
University of Rhode Island, Narragansett, Rhode Island. 106 copepods from Alvin volcano (1043522).
University of Seville, Sevilla, Spain. 4 crabs (2008563).
University of South Carolina, Aiken, South Carolina. 1 copepod from Transylvania (2007917), 122 crustacea: copepods (2009562).
University of South Florida, Tampa Florida. 1 Acanthaceae plant (2012461).
University of Southern California, Los Angeles, California. 3 sponges (2010073).
University of Southwestern Louisiana, Lafayette, Louisiana. 1 stomatopod from Gulf of Mexico (2009400), 1 moth (2011359).
University of Stellenbosch, Stellenbosch, South Africa. 2 moths (2006635).
University of Tennessee, Knoxville, Tennessee. 6 caddisflies (2009371).
University of Texas, El Paso, Texas. 41 gastropods (2010367, 2010573).
University of Victoria, Victoria, Canada. 286 crustacea: copepods (2012753).
University of Washington, Friday Harbor Laboratories, Friday Harbor, Washington. 1 gastropod (1046341).

University of the West Indies, Jamaica, West Indies. 91 aquatic beetles (2010866).
University of Wisconsin, Madison, Wisconsin. 81 plant specimens from Ecuador (2010311), 2 limestone conodont animal specimens (2011644).
University of the Witwatersrand, Johannesburg, South Africa. 25 mites from South Africa (2007428).
Virginia Institute of Marine Science, Gloucester Point, Virginia. 3 crustaceans (2012647), 3 mollusks: gastropods (2009958).
Westark Community College, Fort Smith, Arkansas. 12 fish specimens (2012080).
Western Australian Museum, Perth, Western Australia. 16 fish specimens (2009740, 2013097).
Western Washington University, Bellingham, Washington. 6 tertiary bryozoans (201265).
Woods Hole Marine Biological Laboratory, Woods Hole, Massachusetts. 12 mollusks: gastropods (1046393).
Woods Hole Oceanographic Institution, Woods Hole, Massachusetts. 87 mollusks (2012431), 5 mollusks (2010085), 8 crustacea: copepods (2008958).
Yokohama National University, Yokohama, Japan. 50 mollusks: gastropods (1046365).
Zoological Institute, Russian Academy of Sciences, St. Petersburg, Russia. 3 beetles (2008980).
Zoologisches Institut und Museum der Universitat Hamburg, Hamburg, Germany. 3 gastropods: (2008668).

Institutional Exchanges
Burke Museum, University of Washington, Seattle, Washington. 3 seawater skeletons (2009615).
Carnegie Museum of Natural History, Pittsburgh, Pennsylvania. 2 beetles from Mexico (2011310).
Conservatoire et Jardin Botaniques de la Ville de Geneve, Geneve, Switzerland. 4 plant specimens from Madagascar and the Canary Islands (2013004).
Departamento de Recursos Naturales, Puerto de Tierra, Puerto Rico. 55 vascular plants from Puerto Rico (2011386).
Forschungsinstitut und Naturmuseum Senckenberg, Frankfurt, Germany. 2 casts of Hipparion skulls (2010835).
Institut für Systematische Botanik der Ludwig-Maximilians-Universität, München, Germany. 13 plant specimens (2013099).
Instituto de Botanica Darwinion, San Isidro Buenos Aires, Argentina. 19 vascular plant specimens (2009692).
Iowa State University, Ames, Iowa. 24 plants from Puerto Rico and Central America (2009048).
Missouri Botanical Garden, St. Louis, Missouri. 11 vascular plant specimens from Bolivia (2012316), 100 mosses (2012653), 118 vascular plant specimens from Suriname (2013006), 21 plant specimens from Ecuador (2013104).
Museu Nacional, Rio de Janeiro, Brazil. 3 meteorite chips (2012097).
National Institute of Agro-Environmental Sciences, Tsukuba, Japan. 1 flower fly (2008584).
National Science Museum, Tsukuba, Japan. 25 lichens (2011846).
Naturhistorisches Museum Basel, Basel, Switzerland. 145 insects from Europe (2008666).
Oklahoma Museum of Natural History, Norman, Oklahoma. 12 casts of Cretaceous mammals (2009958).
Royal Botanic Gardens (Kew), Surrey, England. 128 vascular plant specimens from Brazil, Bolivia, and Indonesia (2012937).
Servicio Agricola y Ganadero, Santiago, Chile. 1 mite (2012352).
State University of Utrecht, Utrecht, The Netherlands. 293 vascular plants from Guyana, South America (2008463).
Swedish Museum of Natural History, Stockholm, Sweden. 60 vascular plant specimens from Europe, Asia, and Costa Rica (2009901).
Texas Christian University, Fort Worth, Texas. 13 meteorites (2012144).
The Australian Museum, Sydney, Australia. 24 corals (1046245).
University of Uppsala, Uppsala, Sweden. 50 lichens: fungi (2008682), 19 lichens from Australia, New Zealand, and Switzerland (2012302).
Western Washington University, Sedro Woolley, California. 6 hermit crabs (2009076).
Zoological Institute, St. Petersburg, Russia. 2 flies (2008154).
Zoological Museum, Copenhagen, Denmark. 3 bird skeletons (2008038).

**Institutional Transfers**

Geological Survey of Canada, Calgary, Alberta, Canada. 14 Lower Devonian rugose corals from Western North America (2010270).
Penn State University, University Park, Pennsylvania. 79 ice worms (1046271).
Unidad Chetumal, Departamento de Ecologia y Sistemática Acuáticas, El Colegio de la Frontera Sur, Quintana Roo, Mexico. 6 type specimens of hard corals from Clipperton Island (2010794).
University of California, Santa Barbara, California. 1,058 neutron samples (2012286).

**Intramural Transfers**

National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Systematics Laboratory, Washington, D.C. 33 fish specimens from Bermuda (2008914), 21 fish specimens (2009911, 2009912), 100 specimens of juvenile fish (2010394), 100 miscellaneous marine fishes from the North Atlantic (2011692), 35 specimens of miscellaneous marine fishes from Belize (2012859).
National Science Foundation, Office of Polar Programs, Arlington, Virginia. 1,058 unsorted invertebrate neutron samples (2012286).
National Zoological Park, Washington, D.C. 29 bird skins and skeletons as part of the annual transfer of specimens from the Zoo (2008079), 30 mammal study skins and skeletons (2009557).
Smithsonian Institution, National Museum of Natural History, Department of Entomology. 3 Pleistocene millipedes from the Skyline Caverns, Front Royal, Virginia (2010281).
Smithsonian Institution, National Museum of Natural History, Department of Invertebrate Zoology. 9 fossil bivalves (2010798).
Smithsonian Institution, National Museum of Natural History, Department of Vertebrate Zoology: Division of Fishes. 6 parasitic crustacea: Isopoda (2013286).
Smithsonian Marine Station at Link Port, Fort Pierce, Florida. 2 polychaete worms (2012051).
Smithsonian Oceanographic Sorting Center, Museum Support Center, Suitland, Maryland. 211 mollusks: gastropods: Dell Antarctic Types (1046319).
Smithsonian Oceanographic Sorting Center, Navy Yard, Washington, D.C. 1 mollusk: gastropod (1046386).
Smithsonian Tropical Research Institute, Balboa, Panama. 5 specimens of Halichoeres salmodorsalis, MS Holotype and Paratypes (2011545).
United States Department of the Interior, United States Geological Survey, Biological Resources Division, Gainesville, Florida. 184 fish specimens from the Gulf of Mexico (2012565).
United States Department of the Interior, United States Geological Survey, Denver Federal Center, Denver, Colorado. 62 ammonites from the Upper Cretaceous: Albian in northeastern Texas (2010059), 18 cephalopod types from the late Maastrichtian Elk Butte in South Dakota, and Nebraska (2010933).
United States Environmental Protection Agency, National Exposure Research Laboratory, Cincinnati, Ohio. 43,573 freshwater fish specimens from the eastern United States (2008267, 2009248).
United States Fish and Wildlife Service, Law Enforcement, Baltimore, Maryland. 6 type specimens of hard corals from Clipperton Island (2010794).

**Collected for Museum**

Smithsonian Institution, National Museum of Natural History, Biodiversity Programs Office. 219 bats from Guyana (2010769), 385 mammals from Peru (2012445).
Smithsonian Institution, National Museum of Natural History, Department of Entomology. 2,286 aquatic insects (2008703), 149 aquatic insects from Maine (2008842), 1,640 beetles and other insects from Asia and Hawaii (2008880), 3,370 Burma Heteroptera, Odonata, Neuroptera.
Smithsonian Institution, Tropical Research Institute, Panama. 1,550 miscellaneous fishes from Panama (2010965).

**Collected for Museum/Purchase**

Smithsonian Institution. National Museum of Natural History, Department of Anthropology. Washington, D.C. 12 wooden toys and metal domestic wares from South Africa (1046021), 11 toy trucks and wooden textile stamps from South Africa (1046022), and 6 political ephemera from South Africa (1046032).

**Personal Gifts**

Mr. and Mrs. Ernst Albert. 15 mollusks (1046366).  
Diana Altman. 9 specimens of Abuja pottery (2010265).  
Claudia P. Arango. 16 sea spiders from South America (2011926).  
Dr. Paul H. Arnaud Jr. 4 long-legged flies (2008253).  
Pat and Virginia Arter. 2 gastropods (2008935).  
Dr. Prescott Atkinson. 11 footprint slabs from Pennsylvania (2011625).  
Dave Baker. 6 corrugated bivalves from the Philippines (2009485).  
Dr. R. S. Beal, Jr. 39 skin beetles (2008887).  
John W. Beardsley. 35 insect scales (2012169).  
Dr. Vitor Becker. 6 neo-tropical moths (2010121), 94 ambush and plant bugs (2010744), 8 caddisflies from Arizona, Mexico, and Brazil (2012393).  
Carla Benejam. 16 echinoderms (2012783).  
Mark Bennett. 1 Eocene fossil fish dentary from the Fisher-Lane Site near Fredericksburg, VA (2010506), 1 fragment of an Eocene sea cow rib from South Carolina (2010515).  
Joseph Bernstein. 2 fossil seal pelvis and bird tarsometatarsus (2011835).  
Dr. Norris Bloomfield. 1,250 moths (2008167), 854 neartic moths (2009286), 427 moths (2010118), 99 moths, cutworms, and inchworms (2011772).  
Jim Bourdon. 2 fossil manta ray teeth (2011247).  
Kerry F. Button. 1 shark-bitten fossil marlin vertebra from North Carolina (2009169), 1 fossil mackerel shark tooth (2009235).  
Dr. James T. Carlton. 147 nematode worms (2012864).  
Ralph Chapman. 2 primitive mid Cambrian crustaceans (2009536).  
Terry Cirincione. 1 archaeocete vertebra (2009232).  
Dr. Roger Clark. 9 mollusks: gastropods (2009516).  
Don Clements. 2 Eocene crabs (2009567).  
Vania R. Coelho. 4 crustacea: decapods from Brazil (2012593).  
Jim Colby. 6 fossil vertebrates (2010227).  
Dan and Cynthia Damrow. 1 fossil slab (2008992).  
Donald Dan. 33 mollusk bivalves (2009449).  
Ed Davidson. 1,677 fossil specimens: decapods including eleven casts from the United States, Guam, and Europe (2009820).  
Dr. D. L. Deonier. 64 shore flies from Florida (2009633).  
Phil and Eliza Dietz. 1 gastropod (2008933).  
Dr. H. Lois DiSalvo. 45 mollusks: gastropods (1046432).  
Carla Dove. 1 complete skull of a fossil sea robin (2009277).  
Francis Duckett. 2 mollusks: gastropods (1046362).  
Stan P. Dunagan. 2 North American freshwater sponges (2012568).  
Dr. Sidney E. Dunkle. 17 dragonflies and damselflies from Cameron and California (2012054).  
Dr. Helen DuShane. 1 mollusk (1046326).  
Eric Eaton. 35 parasitic wasps (2010562).  
Dr. Ken Emberton. 67 mollusks from Madagascar (2008241), 39 land snails from Madagascar (2011423).  
Dr. E. Howard Evans. 413 wasps from Japan (2008613).
Hans-Georg Evers. 28 fish specimens (2009464).
Bill Fenzl. 1 gastropod (2008934).
Dr. Antonio J. Ferreira. 4 gastropods (1046534, 1046335).
Dr. Oliver S. Flint Jr. 496 caddisflies from Pennsylvania (2008702).
Michael Folmer. 30 fossil fish from Fredericksburg (2010503).
Dr. Rosser W. Garrison. 30 dragonflies and damselflies from Thailand (2008436).
Dr. Patricia Gentili. 808 caddisflies from Argentina (2012437).
Lloyd Gerhart. 3 Pavonia eggs (2009530).
Raye N. Germon. 1 contrarium and fauna from inside a sea shell (2012696).
Richard Goldberg. 14 landsnails (2008932), 1 gastropod (2008953).
Jack Golding. 1 Begonia plant (2010778).
Shireen Gonzaga. 1 gastropod (2008933).
Yoshihiro Goto. 4 specimens of mollusk: gastropod tissue (2011430).
Steve Gottes. 100 fossil vertebrates from the Paleogene sediments of South Carolina (2010495).
Tom and Linda Grace. 1 gastropod (2008933).
Lloyd and Frieda Gunther. 1 arthropod from Utah (2008792).
Jeff Hamann. 3 landsnails (1046331).
Dr. Rex A. Hanger. 4 lower Permian gastropods (2009500).
Dr. Gerry M. Harasewych. 18 mollusks: gastropods and bivalves (1046357).
Andrew A. Hay. 2 arthropods from Illinois (2011045).
Dr. Bruce W. Hayward. 16 shallow water benthic foraminifera from New Zealand (2008660).
Dr. Robert E. Heberer Jr. 1 full mounted Alaskan Grey Wolf (1046291).
Sue Hobbs. 1 gastropod (2008933).
Dr. Bert Hoekema. 9 corals and hydrozoans (2013638).
Dr. David A. Hubbard Jr. 12 mollusks: gastropods (2010837, 2012945).
Gary W. Hunt. 25 cyclopoid copepods from Oklahoma (2008361).

Frank and Becky Hyne. 11 fossil vertebrates (2010048).
Dr. Tereu Ishida. 43 Crustacea: copepods (2010652, 2011649).
Ron Ison. 1 anterior end of an Eocene crocodile snout (2010494).
Gloria Jacobs. 1 fossil crocodile from Maryland (2009968).
Julie F. Jacobs. 1 fossil vertebra from the Cretaceous sediments in Maryland (2010759).
Kyle Jennings. 1 piece of turbellarian tissue (2009540).
Nicholla Johnson. 1 leech (2011859).
Dr. Adrienne Kaeppler. 1 five string lute (2011610).
Sally Kaicher. 1 mollusk: gastropod (1046379).
Robert Merrill King. 24 Asteraceae plants from Colorado (2012502).
Dr. John M. Kingsolver. 2 beetles from Mexico (2007786).
Steve Kinyon. 437 butterflies from Africa (2010659).
Mike Kowalski. 3 diving beetles; adults and larva (2010851).
Dr. Victor Kuznetsov. 402 insects from Russia (2004753).
Rosario LaCorte. 18 fish specimens (2012287).
Dr. Jerry J. Landry. 1,841 land and fresh water mussels (2009221), 10,599 fresh water mussels (2010249, 2010355), 3,350 fresh water mussels and bivalves (2011191).
Robert R. Larsen. 30 dragonflies from New Mexico (2010884).
Ron Leuscher. 120 moths (2010903).
Dr. Jerry Lewis. 88 copepods from Indiana and Illinois (2008364), 55 copepods from Indiana (2008896), 27 gastropods (2010845), 11 Crustacea: copepods (2012781).
Dawn Liberi. 4 commemorative textiles (1046006).
Thomas R. Lipka. 12 fossil reptiles (2010213).
Dr. John T. Longino. 100 termites (2007726).
Larry Madrigal. 7 polyclad flatworms from American Samoa (2009823).
Elsie Marshall. 29 gastropods (1046322).
Dr. Linda B. McCollum. 2,876 fossil types from the early middle Cambrian Period (2009334).

Marion McDowell. 3 mollusks: gastropods (1046391).
Dr. Patsy McLaughlin. 3 crabs (2011789).
Marilee McNeilus. 9 mollusks: gastropods (1046364).
Dr. David L. Meyer. 26 Mississippian fossil types from Kentucky and Tennessee (2011196).
Dr. Roger Naviaux. 1 tiger beetle from Bolivia (2009535).
Dr. Gil Nelson. 2 fern and bryophyte plants from Florida (2011156).
Ronald Ochoa. 2 mites from Costa Rica (2009021).
Dr. J. Edward Olsen. 48 iron meteorite specimens (201264).
Aydin Orstan. 1 gastropod (2008933).
Arturo Granda Paucar. 1 Asteraceae plant (2011125).
William F. Perrin. 2833 assorted world-wide mollusks (1044895).
Dr. Richard Petir. 2 gastropods (2008572).
Don Pisor. 4 mollusks from Bohol (1046323).
Philip L. Poland. 60 gastropods (2008655).
Perry Poon. 6 mollusks: gastropods (1046397).
Paul and Binnie Postelnek. 6 butterflies from French Guiana (2010363).
Aysha Prather. 2 caddisflies (2008938).
Dr. B. Edward Reed. 134 crustaceans: copepods from Canada and Colorado (2008505).
Dr. J. Rigby. 156 sponge types (2011437, 2012130).
Emilio Rolan. 11 mollusk paratypes (2010115), 18 gastropods (2013035).
Sally Ross. 1 fox squirrel (2011699).
Dr. David E. Ruiter. 8 caddisflies from New Mexico (2012403).
Dr. Donald W. Sada. 100 gastropods (2011358).
Mark Sargent. 7 eggs and embryos of a white-capped parrot (2009533).
Dr. Carl Schaeter. 1 insect from Argentina (2002100).
Donald Schnell. 2 plant specimens (2010205).
Philip Schmitz. 1 fossil portion of an Eocene crocodile femur (2010499).
Susanne Schulmeister. 55 sawflies from Europe (2011190).
Dr. Donald R. Shasky. 3 mollusks: gastropods (1046433, 1046435).
Dr. William Shepard. 18 water beetles from California (2012773).
Dr. Ronald L. Shimk. 6 mollusks: gastropods (1046397).
Roderick Simmons. 27 vascular plants from Maryland and Virginia (2012718).
Dr. B. S. Singer. 1 mollusk (2009088).
Dr. Judith E. Smith. 2 protozoan specimens on glass slides (2011839).
Dr. Martin Avery Snyder. 1 gastropod (1046328).
Henry and Vangie Spafford. 1 gastropod (2008733).
Dr. Eduardo Spivak. 12 crabs (2012808).
Dr. John D. Spooner. 21 copepods from South Carolina (2010546).
Brian Stafford. 2 juvenile gray squirrels (2008902).
Dr. Karl Stephan. 3 ant-like stone beetles (2008631, 2010359).
Brent Streury. 94 vascular plant specimens from Maryland (2009805, 2011350).
Katharine Stewart. 5 mollusks: gastropods (1046359).
Dr. James E. Sublette. 400 insects (2008391).
Dr. Bo Sullivan. 230 moths (2012043).
Darrel Sullivan. 1 fossil portion of a Smilodon humerus (2009472).
Dr. James B. Sullivan, III. 428 insects (2009044, 2010946).
Bill Sykes. 1 Cyperus plant (2009038).
Dr. John F. Taylor. 5 Uppermost Cambrian fossils from Vermont (2008690).
Dr. E. Siegfried Thewke. 5 mites from Mexico, Indonesia, and the United States (2011873).
Katerina V. Thompson. 2 juvenile gray squirrels (2008902).
Dr. Christopher Tudge. 3 crabs (2010550).
Charles and Natalie Turner. 1 fossil portion of a sea cow humerus from North Carolina (2009467).
Jan and Jim Van Hoesen. 5 mammal carcasses (2012050).
Dr. Lars Vilhelmsen. 30 sawflies from Denmark (2009789, 2010833).
Roger N. Walker. 2 mollusks: gastropods (1043254).
Dr. James Wappes. 5 beetles from Mexico (2010004).
Stephen T. Welty. 5 gastropods (1046325).
John S. Wemple. 1 partial jaw, braincase, dermal plates, and vertebra of a Miocene crocodile (2009774).
Karsten Wesche. 38 plant specimens from Kenya (2009811).
Gaye Williams. 1 skull roof (2008567).
Dr. Harry Yeatman. 28 copepods from Tennessee (2009713).

Gift/Purchase
Dr. Joseph E. Eger. 1,012 insects from Brazil (2008144).
Jeremy Jacobs. 27 fossil vertebrates from Michigan (2008975).
Dr. Lois B. O’Brien. 109 insects (2009394).

Purchase
Dr. Igor Lopatin. 30,800 beetles (2007312).
Jerome Vogel. 1 ceramic palm wine container from Africa (1046033).

Bequest
D.G. Frey. 3,0065 Crustacea: branchiopods (1045056).
Muriel Sterne. 53 shell necklaces and head ornaments from Micronesia (1045747).

Collected for Museum
Barrett Brooks. 146 algae specimens collected in Florida (2010289).
Dr. Maria Faust. 101 microalgae from Belize (1034388), 41 microalgae from Fort Pierce, Florida (2013058).
Dr. David B. Lellinger. 13 ferns from Antilles, The Netherlands (2012335).
Dr. Paul M. Peterson. 19 Rosaceae and Poaceae plants from Bolivia (2009051), 525 Poaceae plants from Australia (2012293), 283 Poaceae plants from Peru (2012661).
Gene Rosenberg. 143 green marine algae (2010288).
Dr. Rob J. Soreng. 1 grass specimen (2010714).
Mark Strong. 29 vascular plants from Maryland and Washington, D.C. (2009404), 120 vascular plants from Florida (2012636).
Dr. Dieter C. Wesshausen. 20 Acanthaceae plants from Madagascar (2009785), 11 Acanthaceae plants from Florida (2012196).
Dr. Jeffrey Williams. 3 Crustacea: isopods and shrimps (1046192).

Personal Exchange
Dr. David Carman. 3 sawflies (2002814).
Martin Horejš. 1 meteorite (2012166).
Edwin Thompson. 1 meteorite (2012511).

Purchase
Dr. Igor Lopatin. 30,800 beetles (2007312).

National Portrait Gallery

Donors of Financial Support

$1,000,000 or more
Mr. Paul Peck

$100,000 or more
Eastman Kodak Charitable Trust
The Morris and Gwendolyn Cafritz Foundation

$50,000 or more
Thomasville Furniture Industries, Inc.

$10,000 or more
Morgan Stanley and Co., Inc.
Forbes, Inc.
Mr. and Mrs. Herman Greenberg
Home Box Office
The J. Paul Getty Trust
The J.M. Kaplan Fund
Merrill Lynch
National Association of Securities Dealers, Inc.
Venable, Baetjer and Howard Foundation

$5,000 or more
Mr. and Mrs. Alan Fern
Ms. Rosemary Frankeberger
$1,000 or more

Mrs. Martin Atlas
The Barrera Foundation
Dr. and Mrs. Daniel J. Boorstin
Caplin Foundation
Charles Nagel Trust
The Community Foundation for the
National Capital Region (Estky and
James Adler Philanthropic Fund)
The Community Foundation for the
National Capital Region (Mr. and
Mrs. Sheldon Cohen)
Community Foundation of Greater
Chattanooga c/o Mrs. Ruth S.
Holmberg
The Federalist Society for Law and
Public Policy Studies
John M. Nelson Fund c/o Fidelity
Investment Charitable Gift Fund
Mr. B. Franklin Kahn
Mr. and Mrs. Marc E. Leland c/o Marc
E. Leland Foundation
The Leslie Goldberg Charity Fund c/o
Fidelity Investments Charitable
Gift Fund
Mr. John D. Macomber
Mr. Robert L. McNeil, Jr.
Mr. and Mrs. Walter F. Mondale
Mr. and Mrs. Mark Russell
Mrs. John Farr Simmons
Mr. and Mrs. Dan Singer
The Sulzberger Foundation, Inc. c/o
Mr. Arthur D. Sulzberger and Ms.
Allison S. Cowles
The Washington Post c/o Ms. Rima
Calderon

$500 or more

Mr. Travis Devall
The Danforth Foundation Incorporated
 c/o Mr. Bruce J. Anderson
The Freedom Forum
The Honorable and Mrs. Winston Lord
Mr. And Mrs. Laughlin Phillips

Donors to the Collection—
Department of Painting and Sculpture

Bequest of Charles Francis Adams.
_Thomas Jefferson._ 1786, oil on canvas,
by Mather Brown (NPG.99.66)
Anonymous, _Robert Hughes._ 1981, oil
on panel, by Sylvia Shap
(T/NPG.98.76)
June Barnes. 1944 Shubert Theatre
Program for "Othello," autographed by
Paul Robeson (AD/NPG.99.2)
Verna Posever Curtis. _Scott Nearing_,
cast in 1963, after a 1961 original,
by Zena Posever (NPG.99.82)
Joan Kent Dillon. _Washington Irving_,
1860, oil on canvas, by Charles
Loring Elliott (NPG.99.69)
Marjorie Edel. _Henry James_, 1900,
oil on canvas, by Ellen Emmett Rand
(NPG.98.74); and _Henry James_,
1900, oil on canvas, by Ellen
Emmett Rand (NPG.98.75)
Mary Ellen Gilder. _Richard Watson
Gilder_. 1902–03, oil on canvas, by
Cecilia Beaux (NPG.98.77)
Charlotte Hughes. Gold-colored metal
letter opener, from Victor J. Evans
and Co., the Victor Building,
Washington, D.C. (NPG.POB.129)
Dorothy Stickney Lindsay. _Dorothy
Stickney_. circa 1940, oil on canvas,
by John Falter (T/NPG.99.72.08)
Northeast Foundation for Children and
Dr. Seymour C. Cohen, Michael
Cohen, and Sara Cohen. _Catherine
Filene Shouse_. 1974, bronze, by Elaine
Peach Cohen (T/NPG.98.72.04)
Major General George S. Patton,
U.S.A., Retired and the Patton
Family. _George S. Patton, Jr._, 1945,
oil on canvas, by Boleslaw
Czeckowski (NPG.99.5)
Paul Perutz-Ramos. _Marquis de
Lafayette_. circa 1820, oil on canvas,
attributed to Pierre-Paul Prad’hon (NPG.99.70)
Bequest of Stanley P. Sox. _David
Rittenhouse_, circa 1796, oil on canvas,
by Charles Willson Peale
(NPG.98.73)
Bettina Steinke. _Arturo Toscanini_.
1937, oil on canvas, by Bettina
Steinke (NPG.99.73)
Mary Louise and Benjamin Wright.
_Benjamin Taft_. circa 1839,
watercolor on ivory, by Washington
Blanchard (NPG.98.78)

Donors to the Collection—
Department of Prints and Drawings

Judy Morris, _Elia Kazan_. circa 1935,
charcoal drawing by William Downes
Aaron Shikler, _Mike Mansfield_. 1977,
oil on paper by Aaron Shikler
Les Schreyer, 29 posters, circa
1965–1968
Mrs. Leon Edel, _Leon Edel_. c. 1931,
two charcoal drawings by Louis
Muhlstock
Carol Jopling, _Rufus King_, circa 1810,
hollow cut silhouette, attrib. to
William Bache
Bettina Steinke, _Pierre Monteux_. circa
1938, charcoal by Bettina Steinke
Bettina Steinke, _Chester Nimitz_. circa
1940–45, pastel by Bettina Steinke
Rosina and Lisa Rubin, _Mark Rothko_.
circa 1935, pastel by Anna Walinska
Denise Bouché Fitch, _Robert
Moisher_. 1955, charcoal by René
Bouché
Milton Rose, _Henry Clay_. 1843, hand-
colored lithograph by J. Peters;
_Ulysses S. Grant_. 1865,
chromolithograph by Bingham and
Dodd; _William T. Sherman_.
lithograph by Kurz and Allison;
_Grover Cleveland_. 1884, lithograph
by the Graphics Company of N.Y.;
_Thomas A. Hendricks_. 1884,
lithograph published by the
Graphics Company of N.Y.
Anthony Adams, _Franklin P. Adams_.
circa 1935, illustrated playing card
by William Auerbach-Levy

Donors to the Collection—
Photographs

Anonymous donor, _Gracie Allen and
George Burns_. c. 1930, gelatin silver
print by Unidentified
1920, gelatin silver print by
Unidentified (S/NPG.99.80). _Ida
Lupino_. 1949, gelatin silver print by
Unidentified (S/NPG.99.79).
Jane Halsman Bello, _Hans Albrecht
Bethe_. 1962, color transparency by
Philippe Halsman (T/NPG.98.66).
_Norman Corwin_. 1945, gelatin silver
print by Philippe Halsman
(T/NPG.98.97). _Maurice Ewing_.
1962, gelatin silver print by
Philippe Halsman (T/NPG.98.80).
_Dave Garrou_. 1962, gelatin silver print
by Philippe Halsman (NPG.98.99).
_Henry Robinson Luce_. 1948, gelatin silver
print by Philippe Halsman
(NPG.98.100). _Beaumont Newhall_. c.
1945–48, gelatin silver print by Philippe

National Postal Museum

Donors of Financial Support

$1,000,000 or more
United States Postal Service

$50,000 or more
Guido Craveri
National Grange Foundation

$10,000 or more
American Express Financial Corporation
American Postal Workers Union
Atlantic Envelope Division Office
Avery Dennison Foundation
Daimler Benz
Kemper Lesnik Committee
James E. Pehta
Precision Meetings and Events
Reexam Paper Products

$500 or more
Linn's Stamp News
Reader's Digest Association
United States Postal Service

Donors of In-Kind Support
KCF-SHG. Performed Architectural Tours and Provided Brochure

Outside Interest, Inc. Free Advertisement in “Best Bets Gray Line Tours.”
Tension Envelope Corporation. Cartons and Shipping for “Classroom in a Can” project.

Donors to the Collection

Matthew Bennett, Inc. (vendor), American Postal Workers Union (donor) and S.I. Collection...


National Archives and Record Administration. Textual Archives Services Division, Old Military and Civil Records (through Cynthia G. Fox). Mint pair of U.S. postage stamps (Scott No. 65) found in Civil War records of Lt. Henry Giesen (NPM 1999.2009).


———, Stamp Services (through Azeezaly Jaffer). 1,772 postage stamps, 60 covers, 12 postal cards, 20 commemorative panels, 22 souvenir programs and insets (NPM 1999.2007).

———, Stamp Services, Stamp Acquisitions (through Joel Marks). 2 embossing masters for mid-20th Century Canal Zone stamps (Scott No. U20 and UC14) (NPM 1999.2010).

———, Stamp Services (through Azeezaly Jaffer). 1,668 postage stamps, 6 souvenir cards, 21 postal cards, 2 commemorative panels, 17 stamped envelopes, 23 covers, 58 souvenir programs and inserts (NPM 1999.2012).


**National Science Resources Center**

**Donors of Financial Support**

$2,500,000

National Science Foundation

$900,000

Smithsonian Institution

$335,000

Bristol-Myers Squibb Foundation, Inc.

$250,000

Carolina Biological Supply Company

$175,000

Robert Wood Johnson Foundation

$95,000

National Academy of Sciences

$50,000

Hewlett-Packard Company

Pfizer Foundation
$35,000
National Academies' Program Initiation Fund

$22,500
Merck Institute for Science Education

National Zoological Park

Donors of Financial Support

$100,000 or more
Rick and Donnalynn Adams
GEICO
Roger and Vicki Sant
Shirley Sichel

$50,000 or more
Franchon and Gloria Smithson

$25,000 or more
Jeannie Beckhuis
Ms. Caroline Gabel
The Coca-Cola Company
Giants Food
William A. and Ruth Holmberg Jaguar
John F. and Adrienne Mars Target

$10,000 or more
Animal Planet
The Max and Victoria Dreyfus Foundation, Inc.
Anna T. Ferris
Dielle Fleischmann and Richard Viets
Mrs. Patrick Healy, III
Keith and Laura Hoffman
Ladislaus and Beatrice von Hoffman
Microsoft
Wells Fargo

$5,000 or more
Mrs. Nelly Bossert
Celestial Seasonings
GMAC
Clinton W. and Alberta Allen "Missy" Kelly III
Mr. and Mrs. Alfred Kummli
Little River Foundation
NationsBank

Dr. Kazuko K. Price
Storyfield Farm Yogurt
Hattie Ruttenberg and Jon Molot

$2,000 or more
Robert A. and Cathleen M. Bartlett, Jr.
William and Ruth Berman
Blockbuster Video
Esther S. Bondareff
Harriet Crosby
George A. and Kathryn Didden III
Discovery Channel Stores
Fresh Fields
Sheldon and Audrey Katz
James V. Kimsey
Robert and Leslie Knibb
Land Rover Rockville
William P. McClure Pfizer
Play N' Learn
William C. and Jane Ramsay
Ringling Brothers and Barnum & Bailey
Jeffrey R. Short, Jr.
David and Louise Simone
Jennifer Jean Small
David B. Smith Jr. and Ilene Weinreich
Taster's Choice
Shawn L. Walters
The Washington Post

Bequests
Julia K. Wilson

Donors of In-Kind Support

AMC Theatres
American Airlines
Black Entertainment Television
Calvert Woodley
EL Tiempo Latino
EU Services
KCR Printing
The Marriott Wardman Park Hotel
Mega Communications
NBC
The Omni Shoreham Hotel
Telemundo Channel 14
Washington Parent-Washington Woman
Washingtonpost.com
WGMS Radio
WJZW Radio
WMZQ Radio
WRFQ Radio
WTOP Radio

Program for Asian Pacific American Studies

Donors of Financial Support

$100,000 or more
The Japanese American National Museum

$2,000 or more
The Ringing Rocks Foundation

Smithsonian Astrophysical Observatory

Donors of Financial Support

$20,000 or more
Edgar Wilson Trust

$10,000 or more
Roger S. Firestone Foundation
Museum of Science, Boston

$1,000 or more
Griffis Foundation
Dr. S. Arthur Localio
Mr. Thomas D. Mullins

Donors of In-Kind Support

Mrs. John M Bradley. Donor dinner at Harvard Faculty Club.
Mr. James Houghton. Meade Deep-Sky 16" Newtonian reflector telescope with mount, drive, and accessories for use in public outreach programs at Fred Lawrence Whipple Observatory.
Learning Technologies, Inc. Astronomy teaching tools and 30 Heitetz planispheres for use in SAO's Project ASTRO BOSTON classroom mentoring program.
Osram Sylvania Inc. Two turbo-molecular pumps to assist in studying collision processes in plasmas for lighting.
Smithsonian Center for Materials Research and Education

Donors of Financial Support

$10,000 or more
Smithsonian Center for Latino Initiatives

$5,000 or more
Samuel H. Kress Foundation (Archaeological Conservation Program)

Donors of In-Kind Support

Harvard University. Supplies, travel, and room/board for staff and interns on site for the Copán and Harappa Archaeological Research Projects. National Institute of Standards and Technology. Access to nuclear reactor and office/laboratory space and facilities.

University of Delaware/Winterthur. Staff travel.

University of Wisconsin. Supplies, travel, and room/board for staff and interns on site for the Harappa Archaeological Research Project.

Yale University. Supplies, travel, and room/board for staff and interns on site for the Aguateca Archaeological Research Project.

Smithsonian Environmental Research Center

Donors of Financial Support

$50,000 or more
The Mills Corporation
Regional Citizens Advisory Council of Prince William Sound

$25,000 or more
American Petroleum Institute

$10,000 or more
Roger and Vicki Sant
Wal Disney Corporation Wildlife Conservation Fund
Warren Wilson College

Donors of In-Kind Support

Alyeska Pipeline Service Company
ARCO Marine, Inc.
SeaRiver Maritime, Inc.
Edward and Jeannine Wayson
Zim Lines, Inc.

Smithsonian Institution Archives

Donors to the Collection

Mrs. Jackson Miles Abbott (Francis Abbott, Lyon). Papers of Jackson Miles Abbott.
American Ornithologists’ Union. Records of the Union.
American Society of Naturalists. Records of the Society.

Jennifer M. Manly. "Brief Guide to the Smithsonian Institution."
VIARC. Spencer W. Cone Document.
NASM, Aeronautics Department. Papers of Thomas D. Crouch.
NMNH, Department of Paleobiology. Papers of Lloyd G. Henbest.
International Theriological Congress. Records of the Congress.
International Union of Directors of Zoological Gardens. Records of the Union.
Paul N. Perrot. Papers of Paul N. Perrot.
Office of Membership and Development. Papers of S. Dillon Ripley.
Dorothy Chapman Saunders. Papers of Dorothy Chapman Saunders.
American Ornithologists’ Union. Papers of George B. Saunders.
Society for the Preservation of Natural History Collections. Records of the Society.
NMNH, Department of Paleobiology. Papers of T. Wayland Vaughan.
NMNH, Department of Entomology. Papers of Donald R. Whitehead.
The Smithsonian Associates

Donors of Financial Support

$100,000 or more

Pfizer Inc.
Smithsonian Center for Latino Initiatives

$50,000 or more

Ritz Paris

$10,000 or more

America’s Jazz Heritage, a Partnership of the Lila Wallace-Reader’s Digest Fund
Hough Family Fund
National Science Foundation
Smithsonian Office of Education

$5,000 or more

Country Music Hall of Fame and Mercury Nashville
Discover Card
McGovern Fund

$1,000 or more

Aria Foundation
Diamond Trust
Flying Feet Enterprises
National Italian American Foundation
Kiehl’s
Proxicom

Donors of In-Kind Support

Air India. Airfare for Rajasthan program.
Al Tiramisu Restaurant. Catering for seminar and Young Benefactors events.
American-Turkish Council and the American Friends of Turkey. Archaeology Magazine. Speakers.
Baseball America. Speakers and travel expenses.
Brain-Body Institute. Speakers.
Brookside Gardens. Speakers and venue.
California Pizza Kitchen. Venue and speaker.
Carolyn Brady. Original art for commissioned art program.
Center for Mind-Body Medicine. Speakers.
Charles A. Dana Foundation. Speakers.
Charodei Vodka. Five cases of vodka for Gala.
Chautauqua Institution. Speakers and reception.
Clyde’s Restaurant Group. Catering for program.
D.C. Jewish Community Center. Venue for program.
Embassy of Argentina. Venue and reception.
Embassy of Austria. Venue.
Embassy of Croatia. Venue and reception.
Embassy of Cyprus. Venue and reception.
Embassy of the Czech Republic. Venue and reception.
Embassy of Finland. Venue and reception.
Embassy of the Federal Republic of Germany. Venue and reception.
Embassy of Greece. Venue and reception.
Embassy of Iceland. Venue and reception.
Embassy of India. Venue and reception.
Embassy of Italy. Venue and reception.
Embassy of Japan. Venue and reception.
Embassy of Jordan. Venue and reception.
Embassy of Korea. Venue and reception.
Embassy of Mongolia. Venue and reception.
Embassy of Norway. Venue and reception.
Embassy of Peru. Venue and reception.
Embassy of Romania. Venue and reception.
Embassy of South Africa. Venue and reception.
Embassy of Spain. Venue and reception.
Embassy of the State of Bahrain. Venue and reception.
Embassy of Sweden. Venue and reception.
Embassy of Thailand. Venue and reception.
Embassy of Turkey. Venue and reception.
Federal Bureau of Investigation. Speakers for program.
GALLUP Organization. Speakers.
Georgetown Center for Australia and New Zealand Studies.
Georgetown University Law Center. Speakers for mini-law program.
Government of India Tourist Board. Venue and reception.
Grand Marnier. Liquors and chocolates for L’Esprit de France.
Hay Adams Hotel. Chef and venue for L’Esprit de France.
Heineken USA. One hundred cases of beer for Gala and 80 cases throughout year.
Italian Cultural Institute. Speaker and reception for lecture.
Jewish Community Center of Greater Washington. Publicity for Yiddish program.
Kentucky Derby Museum. Reception and speakers for program on Kentucky Derby.
Makers Mark. Five cases of whiskey for Young Benefactors Gala.
McCormick and Schmick Seafood Restaurants. Venue, speakers, and catering for program.
Micronesia Institute. Speakers.
NASCAR. Airfare and hotel for eight NASCAR drivers and officials.
National Institute of Mental Health. Lunch for speakers for program on gender differences in addiction.
National Thoroughbred Racing Association. Favors at reception for Preakness program.
Oasis Winery. Twenty-five cases of
wine at cost (value $300/paid $60 per case)
Royal Netherlands Embassy. Venue and reception.
Smithsonian Environmental Research Center. Exhibition for Microbes program.
_Town & Country Magazine_. Advertising space in magazine for _L'esprit de France_.
University of Maryland, Department of Criminal Justice. Speakers.
Washington Design Center. Venue and staff for _L'esprit de France_.
Washington Storytellers Theater. Speakers.
Woodford Reserve, Korbel. Reception for Kentucky Derby program.
World Bank. Venue, brochure, and speakers.

Yiddish of Greater Washington. Publicity provided for Yiddish program.

**Smithsonian Institution Traveling Exhibition Service (SITES)**

**Donors of Financial Support**

**$50,000 or more**

John S. and James L. Knight Foundation
Pfizer Inc.
United States Department of Energy

**$10,000 or more**

BP Amoco

**Smithsonian Office of Education**

**Donors of Financial Support**

$500 or more
The Jamie and Steven Tisch Foundation

**Donors of In-Kind Support**

Jackson and Tull

**Office of Public Affairs**

**Donors of Financial Support**

$50,000 or more
Chevy Chase Bank
Chronology

September–June

- **Education affiliation**  The National Portrait Gallery and the MCI National Sports Gallery offered joint educational programs for student groups in grades 3 through 12. At NPG, students were actively involved in interpreting portraits as they learned about individuals and themes in American history. Students explored the collections in groups guided by docents who helped them discover the American presidents, Pocahontas, Benjamin Franklin, Susan B. Anthony, Martin Luther King Jr., and others who have made important contributions to the life of the nation. At the MCI, students discovered the history of American sports while they saw sports artifacts and memorabilia from stars such as Joe Montana, Michael Jordan, Oksana Baiul, Muhammad Ali, and Babe Ruth.

September 30–October 2

- **Special event**  The Public Corporation for the Arts affiliate in Long Beach, California, worked with The Smithsonian Associates to host a residency and concert series by the Smithsonian Jazz Masterworks Orchestra.

October

- **Anniversary**  1998 marked the 30th anniversary of the Smithsonian American Art Museum's Intern Program.

October

- **Architect engineering contract**  The Office of Contracting awarded an architect/engineering services contract to Polshek Tobey & Davis for master planning of renovations to the Castle and the Arts and Industries Building.

October

- **Donation**  Through the generosity of longtime Smithsonian American Art Museum supporters Sheila and Richard Schwartz, Patricia and Phillip Frost, and the Sara Roby Foundation, 19 fellows are in residence for the 1998–1999 academic year, the highest number in the program's history. Among them are four Latino scholars funded through the Rockefeller Foundation initiative for Latino cultural research.

October

- **Chairman elected**  Rosemary Ripley was elected chair of the Smithsonian Libraries' Board. Ms. Ripley is Vice President, Corporate Business Development, Philip Morris Corporation. Her father, S. Dillon Ripley, was eighth Secretary of the Smithsonian Institution.

October

- **Division established**  Nancy E. Gwinn, Director, Smithsonian Libraries, established an Information Systems Division headed by Tom Garnett who was named Assistant Director. The division manages the Electronic Library Program which includes all on-line products and initiatives, from publication of original electronic works and digital editions of rare books to delivery of information for research in e-journals. The Libraries' Research Services Division is headed by Assistant Director Bonita Perry and the Management and Technical Services Division is headed by Assistant Director Mary Augusta Thomas.

October

- **Professorship appointment**  SERC scientist Dr. Dennis Whigham was indoctrinated as Professor in the Faculty of Biology, University of Utrecht, The Netherlands.
October

- **Special event**  In collaboration with the National Museum of American History, the Office of Public Affairs held the first event in its plan to encourage media coverage of the Star-Spangled Banner Preservation Project—the infrared examination of the flag by scientists from the National Aeronautics and Space Administration.

October–December

- **Public programs**  The Smithsonian Associates presents a collage of 40 public programs entitled “L’esprit de France,” focusing on the contributions of France to world civilization. A highlight of the celebration was an elegant gala evening hosted by Mary Ourisman and the Ambassador of France.

October–September

- **Training and information briefings**  The Procurement and Training Branch, Office of Contracting, continued to conduct procurement-related training courses and small-purchases informational briefings to Smithsonian staff.

October 1

- **Exhibit opens**  Great Cats, a new walk-through exhibit focusing on tigers and lions and their tenuous hold on survival, opens at the National Zoo.

October 3

- **Event**  The 20,000-pound Skylab module, a laboratory that fits inside the space shuttle’s payload bay, arrived for storage at Washington Dulles International Airport, where it will remain until it goes on display at the National Air and Space Museum’s Dulles Center.

October 5–8


October 6

- **Benefit**  The Archives of American Art honors TIME critic Robert Hughes at its annual gala benefit dinner in New York City.

October 6


October 6

- **Exhibition**  “As Precious As Gold,” documenting the role of the Post Office in the 1896 Alaskan Gold Rush opens at the National Postal Museum.

October 7

- **Management excellence**  The Board of Trustees of the Archives of American Art meets in New York City at the Cooper-Hewitt, National Design Museum.

October 7–9

- **Smithsonian Affiliations roundtable**  The first annual meeting of Smithsonian affiliates took place at the Smithsonian, welcoming 44 representatives from each of the 20 affiliates. The first Smithsonian Affiliations Web site was launched as part of the conference.

October 15

- **Exhibition and programs**  “Chuck Close,” a 30-year retrospective featuring this American artist’s labor-intensive, often arresting images of the human face—many of them on canvases as tall as eight feet—opened at the Hirshhorn Museum and Sculpture Garden. In a well-attended lecture at the 675-seat amphitheater of the International Trade Center’s new Ronald Reagan Building, the artist (b. 1941), who has worked from a wheelchair since 1988, discussed his evolution from Photo-Realism to recent expressive grids of bright color. The exhibition, organized by the Museum of Modern Art in New York, attracted as many as 4,000 visitors a day and generated favorable reviews in print and on television.

October 15–18

- **Meeting**  The Tropical Research Institute cosponsored the Environmental Economic Workshop with the Ford Foundation and Fulbright at the Earl S. Tupper Research and Conference Center. The workshop was organized by the Latin American Scholarship Program for American Universities (LASPAU).

October 16

- **Exhibition**  “Mayhem by Mail,” exploring the activities of the U.S. Postal Inspection Service and crimes in the mail opens at the National Postal Museum.

October 17

- **Exhibition**  A new National Air and Space Museum planetarium show, “And a Star to Steer Her By,” opened in the Einstein Planetarium. Narrated by Sir Alec Guinness, the
30-minute feature describes how navigators have used both natural—the sun, planets, and stars—and man-made tools such as telescopes and accurate clocks to determine their location. Complementing the planetarium show is "GPS: A New Constellation," a new exhibit that explores the global positioning system.

October 26

- **Award** The Beinecke Foundation, Inc. makes a major gift of $100,000 in support of The Brown Foundation, Inc.'s $500,000 Challenge Grant awarded to the Archives of American Art in 1997.

October 27–February 2

- **Exhibition** "Teddy Roosevelt: Icon of the American Century" was on view at the National Portrait Gallery. Roosevelt helped shape America's transition from a provincial society to a burgeoning world power. The exhibition explored his life with more than 100 paintings, photographs, political cartoons, and memorabilia, and was co-organized with the National Park Service, U.S. Department of the Interior.

October 29

- **Event** STS 95 was launched with former Senator John Glenn on board. The National Air and Space Museum set up several high-definition television monitors, allowing hundreds of visitors to watch the event live via the newest broadcast technology.

October 30–March 7

- **Exhibition** The Smithsonian American Art Museum presented two complementary exhibitions that examined the California Gold Rush, in celebration of the 150th anniversary of the discovery of gold. "The Art of the Gold Rush" featured paintings, watercolors, and drawings from the 1850s and the nostalgic views created a generation later. The Smithsonian American Art Museum was the only East Coast venue for this exhibition. "Silver & Gold: Photographs of the Gold Rush" featured rare daguerreotypes documenting this exciting time in American history.

November

- **Major construction contract** Construction was completed on the Cultural Resources Center of the National Museum of the American Indian to allow beneficial occupancy of the building to occur by the Smithsonian Institution.

November

- **Outreach/publication** The Archives of American Art publishes *A Finding Aid to the Rockwell Kent Papers*.

November

- **Symposium** The Smithsonian Libraries cosponsored with the National Anthropological Archives a symposium, "Ed-ward S. Curtis and The North American Indian Re-Viewed" on November 16, 1998, with 160 people attending. The program was supported by the National Museum of the American Indian and held during American Indian Heritage Month in conjunction with the Libraries exhibition, "Frontier Photographer: Edward S. Curtis" (online at [www.si.si.edu](http://www.si.si.edu), on view in the Libraries’ Gallery October 1998–November 1999).

November and May

- **Acquisitions** Among the most significant art works acquired by the National Museum of African Art were a rare set of polychromed wooden panels carved in high relief from the Nkanu peoples of the Democratic Republic of the Congo and a 92-pound D’mba mask from the Bagu peoples of Guinea, one of the largest masks in all of Africa. The mask was donated to the museum by internationally known contemporary artist Armand Arman and his wife Corice, a fashion consultant and business manager. An important donation of 14 traditional sculptures from central and eastern Africa, the gift of New York businessman Lawrence Gussman, fills gaps in the museum’s collection. These sculptures were showcased at the museum.

November 5–7

- **Smithsonian Council meeting** The Smithsonian Council, with 23 members present, focused on Smithsonian outreach to communities throughout the nation. Four panel discussions and a roundtable discussion with senior management and museum directors dealt with topics such as new emphases in community outreach, the relationship of outreach to SI missions and goals, the effectiveness of the structure of outreach programs, the adequacy of evaluation of outreach programs, the likely impact of decentralizing outreach management at the unit level, the extent to which outreach programs are reaching a broad range of communities (ethnic, geographical, and cultural), and whether certain outreach programs warrant expansion and others warrant downsizing or elimination. Members emphasized that SI community outreach programs should serve as two-way streets, offering benefits to the communities served, as well as to the Smithsonian, while at the same time respecting community needs and interests. This year’s meeting included directors of community organizations receiving Smithsonian services. In their panel, they offered useful perspectives from the community’s point of view. Council members offered suggestions in favor of greater oversight across units so as to avoid program duplication and more frequent program evaluations. Council members also suggested ways to generate greater clarity of expectations in SI-community partnerships, so that both the Smithsonian and the partnering communities reciprocate in the promises they make, the expectations they have, and in the benefits and outcomes that are generated. As in past years, the Council’s Report to the Secretary was widely distributed among units and staff throughout the Institution.
November 6–February 9

- Exhibition "Philippe Halsman: A Retrospective" was on view at the National Portrait Gallery. This exhibition—the first full retrospective of the work of Philippe Halsman—featured 73 vintage prints dating from the 1930s to the 1970s. With more LIFE magazine covers to his credit than any other photographer, Philippe Halsman documented the postwar era through countless celebrity portraits. Among the photographs included in the exhibition were Halsman’s iconic images of Albert Einstein, Marilyn Monroe, and Salvador Dali.

November 7

- Public program “Inventing for the Environment” symposium sponsored by the National Museum of American History’s Lemelson Center. Keynote address by Richard White, environmental historian, Stanford University, followed by small group sessions on the built environment, health and sanitation, industrial ecology and transportation, and constructed and idealized nature.

November 8

- Exhibition "Roy Lichtenstein: Landscapes in the Chinese Style,” an exhibition of 28 paintings, collages, drawing, and one sculpture by this American pop artist (1923–1997), opened at the Arthur M. Sackler Gallery. The exhibition included six examples of Chinese art that inspired Lichtenstein.

November 8

- Lecture For the sixth annual Mordes Lecture in Contemporary Art at the Hirshhorn Museum and Sculpture Garden, curator and scholar Mark Rosenthal of New York's Solomon R. Guggenheim Museum gave a talk titled "Joseph Beuys and Contemporary Art," which probed the life and work of the German sculptor, performer, and teacher (1921—1986). Beuys has emerged as one of the most influential figures in postwar European art. Rosenthal, who is preparing a major exhibition of Beuys's work for the Guggenheim, joined a roster of internationally respected art-world figures, among them New York Times critic Roberta Smith and Director Nicholas Serota of the Tate Gallery in London, Germano Celant, Peter Schjeldahl, and Richard Armstrong, who have participated in the yearly lecture series, which is underwritten by contemporary art collectors Dr. Marvin and Elayne Mordes of Baltimore.

November 8

- Special event His Holiness the Dalai Lama gave an all-day teaching at The American University in support of the Smithsonian Folklife Festival program, "Tibetan Culture Beyond the Land of Snows," which was cosponsored by the Center for Folklife and Cultural Heritage and the Conservancy for Tibetan Art and Culture in Washington, D.C. He then attended a reception at the Smithsonian Castle afterwards to launch the Festival project.

November 10–11

- Public program "Dos Alas/Two Wings" at the National Museum of American History. Masterclasses, lectures, and performances of Puerto Rican and Cuban dancers AfroCuba de Matanzas. In conjunction with "Encuentros."

November 11


November 12

- Exhibition The Tropical Research Institute traveling exhibition "Our Reefs: Caribbean Connections" opened in Belize City, as part of its travels through the Caribbean region. Local docents in Belize were trained to carry out an educational program that includes lectures about Carrie Bow Key, the National Museum of Natural History's field station in Belize.

November 13

- Exhibition The new permanent exhibition and diorama "Tigers!" made its debut at the National Museum of Natural History. The exhibition, which includes a dramatic diorama scene of a tiger lunging at a deer, highlights tigers' behavior in their native habitat. It also focuses on tiger conservation efforts.

November 13

- Public program Sarah Burns, author of Inventing the Modern Artist: Art and Culture in Gilded Age America (Yale University Press, 1996), and winner of the Smithsonian American Art Museum’s 1998 Charles C. Eldredge Prize for Distinguished Scholarship in American Art, discussed the subject of her book at a lecture.

November 17


November 20

- Management excellence The Archives of American Art realigns management responsibilities and streamlines operations by closing its New England Regional Center (Boston) and its Midwest Regional Center (Detroit) and consolidating functions and activities in the Washington, D.C. headquarters, New York Regional Center, and West Coast Regional Center (San Marino, California).

November 21

- Public program The National Museum of American History's "OurStory: History Through Children's Literature" program. Josephina Montoya, the newest American Girls doll will be featured in conjunction with "American Encounters."
November 22
- **Public program**  Reception and screening of documentary film "442: For the Future." Cosponsored with Japanese American Memorial Foundation.

November 24
- **Exhibition**  The Rocks Gallery opened at the National Museum of Natural History, completing the museum's newly renovated Janet Annenberg Hooker Hall of Geology, Gems, and Minerals. The interactive gallery demonstrates how rocks are formed and how they have recorded the Earth's geological history.

November 28
- **Public program**  "The Puerto Rican Cuatro Festival" at the National Museum of American History. Many activities throughout the day. In conjunction with "Encuentros: Latino America at the Smithsonian."

November 30
- **Giraffe relocation**  On November 30, the Zoo's 18-month-old male Masai giraffe, Aaron, left the National Zoo in a specially equipped truck, on a trip to Atlanta, Georgia. On the truck's return trip, the Atlanta Zoo sent Ryma, a 13-year-old male of the same subspecies.

December
- **Education initiative**  The National Postal Museum launches the "Classroom in a Can Lesson One" educational program.

December
- **Loeb Fellowship awards**  SERC Loeb Fellowships were awarded to foster research in the exact sciences in collaboration with SERC scientists. A Loeb Fellowship was awarded to Dr. Marilyn L. Fogel of the Carnegie Institution of Washington, D.C., for research using measurements of the natural abundances of stable isotopes to obtain insights into ecological processes. Another Loeb Fellowship was awarded to Dr. Stephen D. Prince of the University of Maryland College Park to support research using remote sensing to collect environmental data at large spatial scales.

December
- **Publication**  Volume 8, *The Papers of Joseph Henry* was written by staff of the Joseph Henry Papers Project, Smithsonian Institution Archives.

December
- **Research**  National Museum of Natural History ichthyologist Stanley Weitzman's studies of South American fishes, primarily the characiform fish groups and catfishes, revealed important information about the status of freshwater ecosystems and provided important, basic information in support of practical conservation measures. Weitzman was able to demonstrate that the aquatic systems within the Atlantic Forests of Brazil have been severely degraded ecologically. The report of his findings had a practical effect on the conservation thinking of Brazil's terrestrial biologists. He has also published widely, both for scientific and lay audiences, on the phylogeny of several characid subgroups reporting on reproductive biology, gross anatomy, histology of gonads, and ultrastructure of their reproductive cells. Various aspects of these studies are of practical interest to fisheries biologists in Latin America, because the literally hundreds of characid fishes are the primary forage fishes for a substantial percentage of the larger fishes suitable for human consumption in that region.

December
- **Satellite launch**  The Submillimeter Wave Astronomy Satellite, designed by SAO for NASA, is successfully launched from a Pegasus-XL vehicle.

December
- **Transition process**  A group of 34 employees at the Tropical Research Institute joined the administration to form committees for the STRI transition that would put in place a new employment system and administrative procedures resulting from the termination of the Panama Canal Treaties on December 31, 1999. The transition committees included the Transition Committee, Human Relations Committee, Human Resources Committee, Procedures, Policies and Operations Committee, Communications Committee, and the Valuation Committee.

December 5
- **Public program**  NASCAR roared into the Smithsonian in a Smithsonian Associates program with president Bill France and senior vice president Brian France, with NBC newcomer Brian Williams and local sportscaster George Michael adding luster to the evening's festivities.

December 8
- **Special event**  The Annual Appreciation Reception for the Visitor Information and Associates' Reception Center's Corps of Volunteer Information Specialists included remarks by Smithsonian Secretary I. Michael Heyman.

December 9
- **Zoo lecture**  Knut Schmidt-Nielsen, professor emeritus at Duke University, and one of the world's most prominent animal physiologists, is awarded the National Zoo Medal for Outstanding Services to Zoological Sciences and Conservation and presents lecture to Zoo audience.
December 10

- **Publications awards** The Office of Public Affairs was presented the following awards in the National Association of Government Communicators’ Blue Pencil competition: First Place for the quarterly newsletter *Smithsonian Institution Research Reports: First Place for The Torch*, the employee newspaper, and First Place for the annual report, *Smithsonian Year 1997*, jointly produced with Smithsonian Institution Press.

December 11


December 17

- **Public program** The Smithsonian American Art Museum, with the National Portrait Gallery, began evening hours on the third Thursday of each month, as part of a neighborhood program organized by the Downtown Business Improvement District (BID) to increase foot traffic in the Seventh Street Arts District. The inaugural event is a special public preview of David Beck’s *L’Opéra*. Evening hours continued through December 1999.

December 18–April 25

- **Exhibition** Artist David Beck’s miniature opera house, titled *L’Opéra*, delighted crowds of visitors of all ages visiting the Smithsonian American Art Museum. Beck’s intricate creation featured more than 200 hand-carved, mechanized figures performing or watching an extravagant presentation of Verdi’s *Aida*.

December 23

- **Special event** The Kansas Cosmosphere and Space Center in Hutchinson, Kansas, became an Affiliate and held a press event at the museum.

December 31

- **Acquisition** The National Postal Museum acquires the pocket watch and fob of John Starr March, RMS *Titanic*, from John A. Corwin III.

January

- **Service** Beginning in January, the National Museum of African Art offered a new monthly conservation clinic open to the public in which conservation staff advised visitors on the proper care of their collections.

January

- **Appointment** Staff scientist Neal G. Smith who started his career with the Smithsonian in 1963 as biologist for the Canal Zone Biological Area retired in 1998 and was appointed Staff Scientist Emeritus. He will continue to pursue his investigations of *Urania-Omphalea* interactions, and will advise staff, students, and visitors.

January

- **Exhibition** The National Postal Museum opens the “Down With the Frauds!” exhibition of rare revenue stamps used to regulate adulterated foods.

January

- **Exhibition closes** “Star Wars: The Magic of Myth” closed. Nearly a million people visited the exhibition in the year and a half it was on display at the National Air and Space Museum.

January

- **Keynote presentations** SERC scientists gave several keynote papers at the Marine Bioinvasions Conference in Cambridge, Massachusetts.

January

- **New media initiative** The Smithsonian American Art Museum debuted its fully redesigned Web site, which now accommodates the museum’s continuing growth as a major on-line research and educational resource. More than 3,000 digital images of artworks from the permanent collection are available, as are the museum’s extensive research databases, including the Inventories of American Painting and Sculpture. The site is home to an on-line art reference librarian, who handles nearly 7,000 queries about American art each year, a long-distance learning project, and 14 virtual exhibitions, including “Robert Cottingham: Eyeing America,” the first time a contemporary artist and a major museum collaborated to create an on-line solo retrospective.

January

- **Nomination** Smithsonian Folkways Recordings’ *Southern Banjo Sounds* by Mike Seeger was nominated for a Grammy Award in the category of Best Traditional Folk Recording.

January

- **Research results** New observations of supernovae shed light on the possibility that the expanding universe is accelerating in its growth, implying that there is a repulsive force component to gravity.

January–April

- **Training (semester programs)** The Tropical Research Institute in coordination with Princeton University and McGill University, Canada, cosponsored field semester programs for biology students from both universities with Santa Maria Catholic University and the City of Knowledge, in Panama.
January 1

- **Event** The National Air and Space Museum’s new collections information system, The Museum System (TMS), became fully operational. After rigorous testing, existing collections data were migrated into the new system, and a new decentralized method of inputting object information was adopted.

January 2–16

- **Workshop** The National Museum of Natural History held the first annual AMP (Alliance for Minority Participation) Scholars Winter Workshop, titled “Explore.” Representing nine different AMP Centers, 12 freshman/sophomore-level students from across the United States participated in an intense two-week workshop during their winter break. The workshop was designed to give AMP students an opportunity to learn more about our collections, what natural history research is, how it is conducted, and what careers are available in the field. These students explored natural history by shadowing an NMNH research scientist, participating in their activities and learning about their career. In addition, the workshop featured special lectures, interactive discussions, hands-on demonstrations, and tours of the natural history collections.

January 5

- **Exhibition** The SITES exhibition “Red, Hot & Blue: A Salute to American Musicals” hit the road for a national tour. Organized as a collective biography, this retrospective on Broadway and Hollywood musicals captures the magic and dynamism musical theater created for diverse audiences over the past century. The exhibition showcases the stars, on and off stage, who gave voice and vision to the American experience over the past 100 years.

January 13

- **Forum** The Center for Folklife and Cultural Heritage hosted a forum for the Smithsonian Congress of Scholars on our varied involvement in cultural research as public scholarship.

January 21

- **Exhibit** Tropical Research Institute’s exhibit “Parting the Green Curtain: the Evolution of Tropical Biology in Panama” traveled to San Jose, Costa Rica, to open at the Costa Rican National Museum.

January 21

- **Public Program** The National Portrait Gallery presented a lecture by Edmund Morris, author of *The Rise of Theodore Roosevelt*.

January 22

- **Exhibition** The Archives of American Art opens the exhibition “In Sight: Portraits of Folk Artists by Chuck Rosenak” in the Gallery Space of the Archives—New York Regional Center.

January 24

- **Radio advertising campaign** The first radio advertisement ran in the Office of Public Affairs’ Black History Month campaign, one of three radio advertising campaigns this year aimed at local African American audiences, ages 25 to 45. Another campaign was run in the spring for Spring Break and a third in the summer for the Smithsonian Folklife Festival. The following stations were used in the three campaigns in different combinations: WHUR, WMMJ, WKYS, and WPGC.

January 25

- **Name change** The Smithsonian Institution Board of Regents endorsed the Center for Folklife Programs and Cultural Studies name change to the Center for Folklife and Cultural Heritage.

January 28

- **Award** The Visitor Information and Associates’ Reception Center’s Encyclopedia Smithsonian page on the Internet received the Dow Jones Business Directory “Select Site” award for providing exceptional value to its readers.

January 29–30


January 29–April 18

- **Exhibition** “Paul Robeson: Artist and Citizen” was on view at the National Portrait Gallery. The son of an escaped slave, Phi Beta Kappa graduate of Rutgers College, brilliantly talented singer, actor, motion picture star, athlete, and political human rights activist, Paul Robeson was one of the twentieth century’s most talented Americans. The exhibition, organized by Rutgers University, celebrated his life with more than 150 objects, including portraits, personal writings, and other memorabilia.

January 31

- **Exhibition** “Behind the Himalayas: Paintings of Mustang,” an exhibition of 19 watercolors by Australian artist
and architect Robert Powell, opened at the Arthur M. Sackler Gallery.

February

- **Award**  Smithsonian Folkways Recordings’ *Pete Seeger: If I Had a Hammer* was honored with a Traditional Folk Bronze Star Award in the 1998–1999 Crossroads Music Awards Program.

February

- **New branch library**  The Smithsonian Institution Libraries opened its 19th branch at the National Museum of the American Indian Cultural Resources Center in Suitland, Maryland. The branch began offering full-time library services in June when a library technician joined the Libraries. The branch has a limited collection of materials from the curatorial offices and provides interlibrary loan services.

February

- **Public Program**  OGC, in conjunction with the American Law Association-American Bar Association and the Environmental Law Institute, hosted annual environmental law seminar in Washington, D.C.

February

- **Award**  Smithsonian Libraries’ Anthropology K-12 Internet Guide Named “Best” for Students. The Smithsonian Libraries published Margaret R. Dittemore’s on-line guide, “Anthropology on the Internet for K-12,” which was designated A Best on the World Wide Web Virtual Library’s list of anthropology materials for students. The American Anthropology Association has linked the guide to its home page. Dr. Dittemore is Librarian of the Anthropology Library. Offered as part of the larger Smithsonian effort to support and advance education for diverse audiences, each section is illustrated with photographs of Smithsonian anthropologists working in the field or in their laboratories. The K-12 guide is found under Libraries Publications at <www.sil.si.edu/> and is updated regularly.

February and March

- **Research expedition**  Zoologist Dr. Clyde Roper of the National Museum of Natural History led an expedition to Kaikoura Canyon, New Zealand, to find and film a live giant squid. Although the giant squid continued to elude observation, the researchers were able to document the squid’s probable habitat in the deep sea, and to see and film many of its neighbors and prey species. The expedition was featured in the program “Quest for the Giant Squid” on the Discovery Channel.

February 3

- **Public program**  The Smithsonian Associates cosponsored a course with The World Bank, which included a presentation by James D. Wolfensohn, World Bank president.

February 4

- **Exhibition and programs**  “Directions—Julió Sarmento: Fundamental Accuracy,” the first solo show in an American museum for this Portuguese artist (b. 1948), was launched at the Hirshhorn Museum and Sculpture Garden with an artist’s talk about his 12 recently created, never-before-exhibited paintings and sculptures. Sarmento, whose work was based on the eighteenth-century memoirist Giovanni Casanova, a hit of the 1997 Venice Biennale, creates pale, ideographic images of faceless women enacting ambiguous narratives which straddle tenderness and violence. Organized by Hirshhorn Assistant Director for Art and Public Programs Neal Benezra, the exhibition was generously supported by the Luso-American Development Foundation, the Calouste Gulbenkian Foundation, and the Institute for Contemporary Art, Ministry of Culture, Lisbon; Lannan Foundation; and Anthony T. Podesta, Washington, D.C.

February 6–May 16

- **Traveling exhibition**  “Faces of TIME: Seventy-five Years of TIME Magazine Cover Portraits,” organized by the National Portrait Gallery, was on view at the Chicago Historical Society, Illinois.

February 7–May 9

- **Exhibition**  The National Museum of African Art presented the exhibition “Baule: African Art/Western Eyes,” showcasing the outstanding artistic achievements of Baule artists from Cote d’Ivoire in West Africa.

February 9

- **Exhibition**  “Graphic Design in the Mechanical Age: Selections from the Merrill C. Berman Collection,” Cooper-Hewitt, National Design Museum.

February 9

- **Special event**  The National Museum of Industrial History affiliate (Bethlehem, Pennsylvania) held a press event at the Smithsonian’s Arts and Industries Building. As the “1876” gallery was being deinstalled, hundreds of artifacts were moved to Bethlehem on long-term loan.

February 12

The exhibition focuses on nineteenth-century industrial workers and managers in Bridgeport, Connecticut; Jewish immigrants in Cincinnati, Ohio; and slaves and free blacks in the low country of South Carolina. Dynamic panoramas, more than 200 historical artifacts, and almost 400 photographs, illustrations, graphics and personal recollections explore what the promise of America meant to the three different communities.

February 15

- Benefit The Archives of American Art holds its longest-running annual fund-raising event, Lunghi Gras XL, a gala black-tie dinner, in Detroit, Michigan, where the Archives was founded in 1954.

February 18

- Public program The Einstein Planetarium at the National Air and Space Museum was the setting for The Smithsonian Associates' dramatic recreation of the celestial canopy above Stonehenge when that ancient structure was new.

February 19

- Medical breakthrough Dr. Richard Montali, National Zoo pathologist, Dr. Laura Richman, and Dr. Gary Hayward, Johns Hopkins University, publish their research in Science documenting two new viruses believed to be responsible for the deaths of at least 10 Asian and African elephant calves in North America since 1983.

February 19–August 8

- Exhibition “George and Martha Washington: Portraits from the Presidential Years” was on view at the National Portrait Gallery. Timed to coincide with the 200th anniversary of the death of George Washington, this exhibition presented a rare view of the first American president and first lady Martha Washington through 25 portraits made from life during Washington's years in office that included portraits by Gilbert Stuart, Charles Willson Peale, Rembrandt Peale, and John Trumball.

February 22

- New research laboratory The Smithsonian Institution held a dedication ceremony for a newly constructed research laboratory building for the Smithsonian Marine Station at Fort Pierce. It replaced the National Museum of Natural History's former coastal/marine field station in Florida, which had been housed in an old World War II Army barge for 27 years. The new 8,000-square-foot building is located on the 8-acre site acquired by the Smithsonian from the MacArthur Foundation. The building includes offices, individual laboratories, general-use laboratories for chemistry, histology, electron microscopy, and a wet laboratory. The new laboratory will be the first of several phases planned for the development of the 8-acre campus.

February 23

- Symposium The Center for Folklife and Cultural Heritage and Children's Television Workshop cosponsored a symposium that examined the 30-year history of diversity and multicultural programming on Sesame Street, the longest-running television series in the world.

February 25

- Reinstallation After an extensive five-month renovation of its third floor, the Hirshhorn Museum and Sculpture Garden ushered in its 25th-anniversary year by opening “The Hirshhorn Collection at 25: Celebrating Modern Art,” the first phase of a major reinstallation of its holdings. Assistant Director for Art and Public Programs Neal Benezra and curators Judith Zilczer and Valerie Fletcher conceived and carried out the rehousing and reconfigured spaces replete with new carpeting and lighting. Washington Post critic Jo Ann Lewis praised the “proverbial groupings” in this “viral and respected national museum of modern art.” Further marking the anniversary were an open house and director's lecture (April 25), a redesigned museum calendar (Winter 1999 issue), outdoor banners, and a month-long documentary exhibition (“Faces of Friendship,” April 7–May 9) recounting Joseph Hirshhorn’s patronage in archival, inscribed photographs donated by his widow, Olga Hirshhorn.

March

- Acquisition Patricia Smith Melton presented a collection of 34 rare American appliquéd, pieced, and whole cloth quilts made before 1850 to the Smithsonian American Art Museum's Renwick Gallery.

March

- Award The Smithsonian American Art Museum was awarded “Best Research Site” at the 1999 Museums and the Web conference held in New Orleans. The depth of research information, a testament to the museum's long tradition in developing research resources, was among the criteria considered by the judges.

March

- Award The Smithsonian American Art Museum was given the Smithsonian Institution's 1999 Exhibition Award for Best Design and Installation for the exhibition “Daniel Brush: Gold without Boundaries,” on view at the Renwick Gallery in fall 1998.
March

- **Exhibition** The National Postal Museum sends the traveling exhibit "Posted Aboard RMS Titanic" to Melbourne, Australia, as part of March 1999 international philatelic event, "Melbourne 99."

March

- **Program milestone** The 6.5-meter glass primary mirror for the MMT telescope at the Fred L. Whipple Observatory on Mt. Hopkins, Arizona, is installed in its holder.

March

- **Public program** OGC in conjunction with the American Law Association-American Bar Association hosted the annual seminar in Chicago (Legal Problems in Museum Administration Conference).

March

- **Research grant** The Smithsonian American Art Museum signed an inter-agency agreement with the National Endowment for the Arts that will provide $430,000 over the next two years for the museum to digitize 50,000 slides of works by 5,000 artists who received grants from the Arts Endowment's Visual Artists Fellowship Program from 1967 to 1995. The NEA Artists Archives will be hosted on the museum's Web site as part of its on-line study center.

March

- **Workshop** Organized by the Association of Vietnamese Folklorists and the Institute of Musicology and sponsored by the Center for Folklore and Cultural Heritage, this workshop, first in a series, taught researchers about audio documentation of the traditional music of the Kinh (Viet) majority and of several ethnic minorities.

March 1

- **Public program** World-renowned scientist Richard Dawkins came to the Smithsonian from Oxford University to reflect on the most compelling topics in science today in a program produced by the The Smithsonian Associates.

March 2

- **Imaging Center opens** The Smithsonian Libraries opened a digital Imaging Center where Libraries' staff produce digital editions of rare books, which are published on-line and available worldwide on the Internet while safeguarding the Smithsonian Libraries' collection for future generations by reducing the amount of handling of fragile materials. The Imaging Center is a production unit where printed materials are scanned, casting images and text from paper-based materials into a digital format. With start-up funding from the Smithsonian's Atheron Seidell Endowment Fund and the Jaques Admiralty Law Firm of Detroit, Michigan, the Imaging Center is headed by the Information Systems Division and overseen by the Preservation Services Department.

March 11

- **Public program** "NCHIA Exhibition" sponsored by the National Museum of American History's Lemelson Center. An exposition of inventions by college students from around the country. The National Collegiate Inventors and Innovators Alliance Exposition will feature the most innovative and commercially promising prototypes of new inventions created by 12 teams of college students.

March 11

- **Public program** TIME magazine correspondent Ann Blackman lectured on her book, Seasons of Her Life: A Biography of Madeleine Korbel Albright, at the National Portrait Gallery.

March 13

- **Exhibition** SITES opened the exhibition "To Honor and Comfort: Native Quilting Traditions" from the National Museum of the American Indian and Michigan State University Museum. The exhibition celebrates quilting within diverse American Indian and Native Hawaiian communities and pays tribute to the artists who have expressed their cultural heritage through these spectacular textiles.

March 18

- **Donation** Three puppets from the play "Lewis Latimer: Renaissance Man" will become part of the National Museum of American History's Division of Cultural History Collection. They were featured in a play presented by the Lemelson Center.

March 18

- **Lecture** Scientist Stephen Jay Gould lectured for The Smithsonian Associates on why he believes the science-religion conflict is false.

March 19-July 4

- **Traveling exhibition** "Teddy Roosevelt: Icon of the American Century," an exhibition co-organized by the National Portrait Gallery and the National Park Service, U.S. Department of the Interior, was on view at Federal Hall National Historic Site, New York City.

March 19-July 25

- **Exhibition** The Smithsonian American Art Museum's Renwick Gallery hosted two spring exhibitions. "Dominic Di Mare: A Retrospective" featured the delicate but powerful fiber sculptures by this California artist. The Renwick
Gallery was the exclusive East Coast venue for the exhibition. “Shaker: Furnishings for the Simple Life” examined the furniture and decorative arts from Mount Lebanon, the first and most prominent Shaker community.

March 20

- **Exhibition** Organized by the Center for Folklife and Cultural Heritage and the Smithsonian Institution Traveling Exhibition Service, the exhibition "Creativity and Resistance: The Maroon Cultures of the Americas" opened at the National Civil Rights Museum in Memphis, Tennessee, and continues on a two-year tour. It focuses on the history and present-day cultures of the Ndjuka, Saramaka, and Aluku peoples of the Guianas; the Seminole Maroons of Texas and Mexico; and the Leeward and Windward Maroons of Jamaica.

March 20, 21, and 28

- **Artist demonstration** Nigerian contemporary artist Sokari Douglas Camp demonstrated to teachers how to create sculptures from ordinary materials and spoke about her art in a public gallery discussion, both held at the National Museum of African Art.

March 21–June 20

- **Exhibition** “Sokari Douglas Camp: Church Ede, A Tribute to Her Father,” presented in the National Museum of African Art’s intimate Point of View Gallery, gave visitors the opportunity to view the contemporary Nigerian artist’s monumental kinetic sculpture created as a tribute to her father.

March 23

- **Award** The Archives of American Art receives a gift of $50,000 in honor of Archives’ Trustee Barbara G. Fleischman from Agnes Gund, former president of the board of the Museum of Modern Art, New York.

March 27

- **Exhibition** The SITES exhibition “Americanos: Latino Life in the United States” opened at the National Museum of American History. The exhibition is cosponsored with the Smithsonian Center for Latino Initiatives. The bilingual exhibition, the brainchild of actor and activist Edward James Olmos, presents an intimate portrait of the Latino community through the work of prizewinning Latino photographers. The exhibition is the centerpiece of a larger educational effort that includes a Home Box Office documentary special, a Time Warner Music CD, and a book published by Little, Brown. “Americanos," a project of Olmos Productions, is made possible through the generous support of AOL Time Warner and US WEST. Additional support is provided by Farmers Insurance.

March 27–October 10

- **Exhibition** “Santo Pinhole: A Saint for Photography” showcase opened at the National Museum of American History. This tribute to Ansel Adams by New Mexican Artist Elizabeth Kay. By depicting Adams as a saint, or "santo" the artist challenges the viewer to examine the legacy of the photographer’s work on American art and culture.

March 28

- **Exhibition** “Devi: The Great Goddess,” an exhibition of 120 works primarily from India, with a few examples from Nepal, China, and Pakistan, was on view in the Arthur M. Sackler Gallery through September 6, 1999. The sculptures in bronze, stone, and terra cotta and paintings on paper, textile, and board ranged in style over 2,000 years. On the opening day of the Arthur M. Sackler Gallery exhibition, “Devi: The Great Goddess,” the Vedic chant ensemble of the Sri Siva Vishnu Temple, the devotional song ensemble of the Durga Temple and dancer Mallika Sarabhai performed throughout the day. Young people and their adult companions joined in continuous sessions of the popular ImaginAsia program by visiting the exhibition and then creating a rice-flour diagram for the goddess.

March 28–May 30

- **Traveling exhibition** "Philippe Halsman: A Retrospective," an exhibition organized by the National Portrait Gallery, was on view at the Center for Creative Photography, University of Arizona, Tucson.

March 29–April 18

- **Exhibition, special event** The National Music Museum affiliate in Washington, D.C., celebrated the Duke Ellington anniversary by hosting SITES’ “Beyond Category” exhibition at Union Station and arranging a series of performances.

April

- **Acquisition** Smithsonian Folkways Recordings acquired Monitor Recordings, comprised mostly of music from the Soviet Union, the Eastern Bloc, and other parts of Europe. Begun in 1956, Monitor has more than 250 folk and classical music recordings in its catalogue.

April

- **Curriculum development** The National Science Resources Center focused much of its curriculum development efforts on the development of Science and Technology Concepts for Middle Schools (STC MS), a comprehensive science and technology curriculum for grades 7 and 8. The four STC/MS modules under development—Human Body Systems, Properties of Matter, Catastrophic Events, and Energy, Machines, and Motion—underwent field testing during this past year. Completion of the field testing during the spring semester
was a major milestone. Through direct interactions with the students and teachers, the NSRC curriculum developers obtained insights about students reaction to the module activities that were invaluable to the development process. By then meeting with advisory committees to review the feedback, the NSRC ensured that the recommended changes would also continue to comply with the National Science Education Standards. The developers continue to work with technical advisors to conduct final reviews of the lessons for scientific accuracy and pedagogical appropriateness as modules are readied for commercial publication.

April

- Exhibition “Nuestras Voces en Washington, D.C.,” an exhibition that is part of the Latino Community Heritage Center, opened after long collaborations between the Latin American Youth Center, the Center for Folklore and Cultural Heritage, and the Historical Society of Washington, D.C.

- New building Completion of Phase IV of the expansion of SERC’s C.M. Mathias Laboratory building.

April

- Partnership The Smithsonian American Art Museum signed an agreement with the Principal Financial Group, headquartered in Des Moines, Iowa, for a National Visibility Partnership in conjunction with the museum’s upcoming tour called “Treasures to Go,” eight nationally circulating exhibitions based on the museum’s permanent collection. The $3.75 million will go toward producing a series of national cable television specials, a syndicated program for broadcast on a network affiliate in each city visited by the tour, public relations, advertising, and media partnerships with national publications. The “Treasures to Go” tour begins January 7, 2000.

April

- Research Dr. Tim McCoy, Associate Curator in the Department of Mineral Sciences at the National Museum of Natural History, published findings from his research on the Martian meteorite Zagami. McCoy has been studying how lava flows on the surface of Mars by studying the meteorite. He has recognized that Zagami contains different layers that record a lava flow being emplaced on the surface of Mars and then fractionating during its long cooling history. The presence of different rock layers in this rock, one of only 13 meteorites known to come from Mars, suggests that this may be a common process and future Mars explorers (robots and humans) might encounter such diversity.

April

- Research results SAO astronomers studying galaxies in their X-ray light find additional evidence supporting the theory that the centers of galaxies (including our own Milky Way) contain black holes with as much mass as a billion suns.

April 2–August 22

- Exhibition “Picturing Old New England: Image and Memory,” a ground-breaking exhibition organized by the Smithsonian American Art Museum, grouped masterworks and images from popular culture to explore, for the first time, the ways in which New England was depicted in American art from 1865 to 1945, and how New England subjects addressed broader cultural currents in the country.

April 5

- Donation and award Announcement of a $2.5 million gift to found the Ikuo Hirayama Program for Conservation of Japanese Painting at the Freer Gallery of Art and Arthur M. Sackler Gallery. Hirayama, president of the Japan Art Institute, Tokyo, was also inducted into the Order of James Smithson for his contributions totaling $11 million to the Freer and Sackler galleries.

April 5

- Easter Monday The National Zoo’s Easter Monday planning committee again hosts a day of festive activities for a long-standing community gathering at the National Zoo.

April 6–9

- Professional institute The Smithsonian Associates’ National Outreach program presented a World Affairs Institute for Indiana University entitled “Southeast Asia: Winds of Change.” Participants represented state leaders in education, business, politics, and economics.

April 6, June 24–25, July 8–9

- Strategic planning meeting The Program for Asian Pacific American Studies organized three meetings involving Asian Pacific American scholars, civic leaders, and arts organizations to inform the Program’s strategic planning process.

April 8

- Agreement The Tropical Research Institute signed the Biological Prospecting Agreement with the Panamanian Authority for the Environment (ANAM) to initiate a program designed to link conservation of Panamanian biodiversity with bioprospecting for novel products for medicine and agriculture, for five renewable years. Funding for the project was provided by the National Institutes of Health through the International Cooperative Biodiversity Groups program (ICBG).

April 8

- Leasing contract The Tropical Research Institute signed a five-year renewable contract with the Panamanian Authority
April 9


April 13

- **Acquisition** The National Postal Museum acquires the first adhesive postage stamp (1831 Greek 40-lepta charity tax or postage issue due) on 1848 cover from Matthew Bennett Inc.

April 16–September 6

- **Exhibition** “Franklin & His Friends: Portraying the Man of Science in Eighteenth-Century America,” was on view at the National Portrait Gallery. Franklin and his fellow men of science shared their work with like-minded colleagues in America and Europe through correspondence, membership in philosophical societies, and commissioned portraits that featured the accouterments of their vocations. This exhibition examined the eighteenth-century fascination with science and the “man of science” as an ideal figure through portraits, botanical drawings, rare books, microscopes, telescopes, and electrical machines.

April 19

- **Exhibition** The photographic exhibition “Frozen in Time: The Iceman” opened at the National Museum of Natural History. It tells the story of a 5,300-year-old mummy discovered frozen in an Alpine glacier and shows how scientists are reconstructing his way of life.

April 19–23

- **International conference** The 10th International Conference on Modern Trends in Activation Analysis, organized by the National Institute for Standards and Technology (NIST) and cosponsored by the Smithsonian Center for Materials Research and Education, was held in Bethesda on the campus of the National Institutes of Health. SCMRE and NIST are partners in a longtime collaborative program applying neutron activation analysis in archaeological research.

April 19–May 28

- **Training** The Tropical Research Institute cosponsored a six-week intensive guide training course with the local tourism industry and the U.S. Agency for International Development, in response to Panama’s Tourism, Conservation, and Research Action Plan, designed to develop a sustainable tourism in Panama.

April 20

- **Event** The Annual Appreciation Reception for Visitor Information and Associates’ Reception Center’s Corps of Behind-the-Scenes Volunteers included remarks by Smithsonian Secretary I. Michael Heyman.

April 22

- **Board of Trustees** The Board of Trustees of the Hirshhorn Museum and Sculpture Garden held its second meeting of the year, welcoming J. Tomilson Hill of New York City, who was elected at the previous meeting. Two months later, John Pappajohn of Des Moines, Iowa, was elected by mail ballot as the eleventh member of the board. Founded in 1971 with 10 general members, the Hirshhorn Board, following congressional approval, was authorized by the Smithsonian Regents to begin a gradual expansion to 25 members. Also this year, the Board mourned the deaths of two longtime, dedicated members of the Board. Founder of Best Products, Sydney Lewis of Richmond, Virginia, served as Chairman from 1985 to 1991. Jerome Greene, an attorney and philanthropist from New York City, served as Chairman from 1991 to 1997. Both gentlemen began their valued association with the Hirshhorn in the 1970s.

April 23–September 6

- **Exhibition** The Smithsonian American Art Museum organized a retrospective of Abbott Handerson Thayer’s work to celebrate the 150th anniversary of the birth of this influential Gilded Age artist. “Abbott Thayer: The Nature of Art” featured his portraits, ideal figures, landscapes, and studies of natural camouflage. The museum’s New Media staff and the exhibition curator created a virtual exhibition, available on the museum’s Web site. Tipper Gore, wife of Vice President Al Gore, was the Honorary Patron for this exhibition.

April 25

- **Exhibition** “Nainsukh: Painter from the Punjab Hills,” an exhibition of 31 paintings by an innovative eighteenth-century artist of northwestern India opened at the Arthur M. Sackler Gallery.

April 26–30

- **International workshop** The second workshop as part of a Coordinated Research Project on “Nuclear Analytical Techniques in Archaeological Investigations” was held in Cuzco, Peru. Funded by the International Atomic Energy Agency and coordinated by the Smithsonian Center for Materials Research and Education, the workshop brought together teams of nuclear scientists and archaeologists from Argentina, Brazil, Chile, Cuba, Mexico, and Peru in a program to develop nuclear resources for archaeologists in Latin America. Workshop content and research guidance in problem design, analytical standardization, and data interpretation was pro-
vided by SCMRE faculty. A final meeting for SCMRE staff to review completed research and statistical presentation prior to technical publication of the workshop proceedings was scheduled for November 2000 in Chile.

April 27


April 29

- **Public program**  The National Museum of American History’s Smithsonian Jazz Masterworks Orchestra presented a concert featuring Duke Ellington’s sacred music.

April 30

- **Exhibition**  “Ainu: Spirit of a Northern People,” a temporary exhibition celebrating the 10,000-year-old culture of the indigenous people of Japan, opened at the National Museum of Natural History. It included more than 200 objects, such as art, jewelry, and a full-size reproduction of a chisé, the home and center of Ainu life.

April 30

- **Programs**  To expand educational offerings for older audiences at the Hirshhorn Museum and Sculpture Garden, a new series titled “Art Explorers Workshops for Adults” was launched with a tour and discussion focused on the function, history, and craftsmanship of frames. Education initiatives continued to expand in June with the start of daily summer tours of the Sculpture Garden and in September with the new monthly “Improv Art” drop-in activity room for families on Saturday mornings. Also in September the Hirshhorn’s well-regarded film series began its fall series with *Two Minutes Silence, Please*, a documentary from Holland.

May

- **Award**  Smithsonian Folkways Recordings’ *The Harry Smith Connection* received an INDIE award in the category of Americana Music.

May

- **Awards**  The Libraries Web page at www.sil.si.edu is home to “Library and Archival Exhibitions on the Web,” a site with links to approximately 600 on-line exhibitions created by or related to libraries, archives, and historical societies. The site, which is maintained by Diane Shaw of Libraries staff, received four national awards and was named the USA Today Hot Site in June.

May

- **Exhibition**  The National Postal Museum sends the traveling exhibit “Posted Aboard RMS Titanic” to the National Postal Forum, San Antonio, Texas, in conjunction with the American Postal Workers Union.

May

- **Final design**  The final design drawing details and technical specifications for the National Air and Space Museum’s Dulles Center were delivered by architects Hellmuth, Obata, and Kassabaum (HOK). Smithsonian and HOK staff continue follow-on design tasks, such as donor recognition detailing and lighting design.

May

- **Management excellence**  In anticipation of the renovation of the Old Patent Office Building, where the Archives was previously located, and the Archives’ eventual relocation to permanent offices in the newly acquired Victor Building, the Archives of American Art moves into temporary offices in The Aerospace Center in Washington, D.C.

May

- **New building**  Completion of SERC’s new Storage Building.

May

- **New dock**  Completion and opening of SERC’s new dock on the Rhode River.

May

- **Exhibition**  Official opening of the “Tales of the Blue Crab” traveling exhibition designed at SERC to provide school children scientific information on the morphology, life cycle, and habitat requirements of this important fishery species. The exhibition will tour regionally.

May

- **New wing**  Featuring the state-of-the-art Samuel C. Johnson Theater, the Atrium Cafe, and Museum Shops, the Discovery Center opened at the National Museum of Natural History. The Theater is the only one in Washington, D.C., to show both 3-D and 2-D large-format films.

May

- **Nomination**  Smithsonian Folkways Recordings’ *Dock Boggs: His Folkways Years 1963–1968* was nominated for Historical Album at the INDIE awards in Atlanta.

May

May

- Open house  SERC's annual open house for visits by citizens of the region.

May

- Publication  Smithsonian Directive SD 600: Collections Management Policy was coordinated by the National Collections Program, Smithsonian Institution Archives.

May

- Workshop  Organized by the Vietnam Museum of Ethnology and sponsored by the Center for Folklife and Cultural Heritage, this second workshop taught methods of folklore photodocumentation and exhibition.

May 1

- Exhibition  The National Postal Museum selects 75 winners of the annual Graceful Envelope Contest. The winning entries are displayed at the museum.

May 3

- Public program  The Smithsonian Associates, in collaboration with the Kentucky Derby Museum, presented an amazing list of owners, trainers, and riders of past Derby winners in an evening of reminiscing about the world's most famous horse race.

May 7

- Exhibition opening  "A Closer Look at Santos/Una Mirada mas Profunda a los Santos," a small exhibit organized by the Smithsonian Center for Materials Research and Education, opened at the de Saisset Museum of Santa Clara University in Santa Clara, California. The exhibit centered on the technical examination of santos, polychrome wood objects of veneration, that represent a long and still very much alive tradition in Latino culture. This exhibit presented findings relating to artists’ materials and techniques on four historical objects—two from the collections of the National Museum of American History and two from the de Saisset Museum.

May 7

- Symposium  "Pomo Indian Basket Makers: Past, Present and Future" at NMAI, George Gustav Heye Center, New York City explored a wide range of topics connected to Pomo basketry and basket making.

May 8

- Acquisition concert  The 17th anniversary of the monthly audio compilation magazine, "The Fast Folk Musical Magazine," and the transfer of its master recordings, artwork, and other archival materials to Smithsonian Folkways were celebrated with a concert at the Bottom Line in New York.

May 8

- Public program  The Smithsonian Associates filled Baird Auditorium for a seminar that brought together one of the largest groups of former Presidential Press Secretaries ever assembled.

May 9–August 15

- Exhibition  "Pomo Indian Basket Weavers: Their Baskets and the Art Market," consisting of 125 Pomo baskets and 100 historical photos, examined the effects of the art market upon the lives of 50 Pomo women, their families, communities and basketry during the period of 1900 to 1915. Held at NMAI George Gustav Heye Center, New York City and organized by the University Museum, University of Pennsylvania.

May 13–14

- Public program  The National Museum of American History presented "Disability and the Practice of Public History," an interdisciplinary conference for disability scholars, public history and museum professionals, exhibit developers and activists on integrating idea about people with disabilities into history content, beyond issues of access.

May 14


May 16

- Community workshop  This free, all-day workshop at the Lake Sonoma Visitor Center in Geyserville, California, was aimed at introducing Pomoan participants to the center and its willow patches and sedge beds, which are available for gathering by Pomoan basket makers. The community workshop was cosponsored by the National Museum of the American Indian, the Dry Creek Rancheria, and the U.S. Army Corps of Engineers.

May 18

- Public program  Artist Al Hirschfeld, at age 95, came to the Smithsonian to delight the audience in an Smithsonian Associates-sponsored interview with Frank Rich, former chief drama critic for the New York Times.

May 20

- Exhibition  The Archives of American Art opens the exhibition "Eyre de Lanux: Designs of a Muse" in the Gallery Space of the Archives' New York Regional Center.
May 20

- **Public program** Panel discussion “Witness: Japanese and Jewish Americans in WWII.”

May 20

- **Public program** The Smithsonian American Art Museum, as part of the “Third Thursday” evening hours program highlighting cultural events in the Seventh Street Arts District, hosted a poetry reading of new work inspired by the museum’s exhibition “Picturing Old New England: Image and Memory” by 10 area poets.

May 21

- **Lecture** Charles Brownell delivered the 1999 Dibner Library Lecture. His slide presentation, “Horrors! Changing Perspectives of American Victorian Homes,” featured classic Victorian residential architecture and what it symbolized in literature, film, and popular culture, and entertained an appreciative audience of curators, historians, architectural students, and Victorian hobbyists. The lecture was supported by The Dibner Fund.

May 22–November 30

- **Exhibition** “From Bento to Mixed Plate: Americans of Japanese Ancestry in Multicultural Hawaii”—The Program for Asian Pacific American Studies hosted this traveling exhibition from the Japanese American National Museum in the Arts and Industries Building. More than 100 volunteers worked more than 1,400 hours as gallery guides for the exhibition. More than 700 people participated in related public programs, including demonstrations of raku pottery, origami, and traditional Hawaiian crafts.

May 23–January 9

- **Exhibition** “Pueblo Portraits: 50 Years at Laguna Pueblo”—An exhibition of 40 black-and-white photographs that chronicle photographer Lee Marmon’s diverse career that has spanned over half a century. The photos present an intimate and personal view of Marmon’s pueblo community in northern New Mexico.

May 24

- **Public program** The Smithsonian Associates’ collaborations with Smithsonian museums on cultural and educational programs highlighted the extraordinary Janet Annenberg Hooker Hall of Geology, Gems, and Minerals, NMNH, and presented curator Jeffrey Post to an overflow audience.

May 25

- **Management excellence** The Board of Trustees of the Archives of American Art elects as President of the Board Barbara Fleischman, widow of Lawrence Fleischman, one of the founders of the Archives in 1954.

May 27

- **Exhibition and programs** “Brice Marden, Work of the 1990s: Paintings, Drawings, and Prints,” an exhibition highlighting a decade of increasingly animated and colorful abstractions by this widely respected American painter (b. 1938), opened at the Hirshhorn Museum and Sculpture Garden, continuing through September 6. Organizing curator Charles Wylie of the Dallas Museum of Art, where the show originated, delivered a slide-illustrated lecture probing Marden’s response to Chinese calligraphy, the light and mythology of Mediterranean culture, and the dynamic power of line pioneered by such earlier artists as Abstract Expressionist Jackson Pollock, with whom he is often compared. For its East Coast premiere at the Hirshhorn, the exhibition, which traveled subsequently to the Miami Art Museum and the Carnegie Museum of Art in Pittsburgh, generated gallery presentations, documentary films, and a children’s workshop called “What’s My Line?”

May 27

- **Exhibition** Exhibition on Margaret Mee opens in Amazonia Science Gallery at the National Zoo. Sir Ghillean Prance, director of Royal Botanic Garden at Kew, presents lecture, “An Intricate Dependency: Animals and Plants in the Amazonian Ecosystem,” to NZP audience.

May 28

- **Exhibition** The Star-Spangled Banner conservation laboratory and exhibition opens at National Museum of American History. “Preserving the Star-Spangled Banner: The Flag that Inspired the National Anthem” provides a look at the conservation process and story of the flag. Visitors will be able to follow the progress of the historic conservation of the Star-Spangled Banner. For much of the three-year preservation project, the public will be able to see the banner housed inside its glass-and-chrome conservation laboratory through floor-to-ceiling windows. The customized laboratory will provide the public with its closest look at the flag.

May 28–August

- **Exhibition** The traveling exhibition, “Margaret Mee: Return to the Amazon,” co-organized by the Royal Botanic Gardens, Kew, and the Houston Museum of Natural Science, opened at the National Museum of Natural History. It documented the life and work of Margaret Mee (1909–1988), and bridged the worlds of art and natural science while confronting the global issues of rainforest destruction and
preservation. The exhibition was further supplemented by a lecture organized by the Department of Botany with Sir Ghillean Prance, Director of Royal Botanic Gardens, Kew.

June

- **Award** The Archives of American Art submits final report of the Latino Pool Allocation Fund for FY 1999, detailing the completion of the Puerto Rican Art Documentation Project, as well as the completion of the processing of papers and oral history interviews for a Chicano art documentation project in San Francisco and Los Angeles.

June

- **Discovery decks** During fiscal year 1999 the National Science Resources Center completed the development and publication of its elementary curriculum, Science and Technology for Children (STC), by publishing the last Discovery Decks. Discovery Decks are sets of imaginatively illustrated resource cards that expand on the major topics of the fourth-through sixth-grade STC units. Each Discovery Deck includes about 30 cards that focus on a set of closely related topics and that provide historical accounts of scientific discoveries, interviews with scientists, and investigations students can do themselves. Discovery Decks are now included in all STC kits for grades 4 through 6. The publication of the final four Discovery Decks—Motion and Design, Animal Studies, The Technology of Paper, and Ecosystems—showcases some special partnerships that the NSRC established during their development. For example, the Technical Association of the Pulp and Paper Industry supported the development of The Technology of Paper Discovery Deck. The completion of these Discovery Decks brought to a close the NSRC's STC elementary curriculum project.

June

- **Exhibition** The National Postal Museum installs “Posted Aboard RMS Titanic” in the Postmaster’s Gallery, The Australia Post, Melbourne, Australia.

June

- **Exhibition** Two temporary exhibits were added to the National Air and Space Museum’s Space Race gallery. “The Soviet Challenge in Space: Illustrating the Threat” is a display of 12 paintings created for the Defense Intelligence Agency to illustrate Soviet weapons systems and advanced technology during the Cold War. The other exhibit is on the Faint Object Spectrograph from the Hubble Space Telescope.

June

- **Rare book purchased** Guido Guidi's *Chirurgia P Graeco in Latinum Conversa* (Paris, 1644) was purchased by the Smithsonian Libraries with funds provided by the Smithsonian National Board Annual Giving Fund and the Office of the Provost. This exquisitely illustrated, very rare folio has visual and descriptive text valuable to the study of the early medical arts.

June and September


June–December

- **Conservation** Four large cast concrete screens by Nigerian artist Adebesi Akanj, donated to the National Museum of African Art in 1994 by Mr. and Mrs. Waldemar A. Nielsen, were restored by the museum’s conservation department. The screens will be featured in an exhibition on several artists from the important Oshogbo art movement in southwestern Nigeria.

June 2

- **Panda illness** The National Zoo’s giant panda, Hsing-Hsing, experienced a severe deterioration in his health. He develops kidney dysfunction in June.

June 3

- **Summer program** “Latin Music on the Plaza,” a 12-week evening concert series presented outdoors by the Hirshhorn Museum and Sculpture Garden, was launched with contemporary music inspired by Latin American poetry. The free series, a central component of the Hirshhorn’s programming to accompany extended Thursday hours for the Smithsonian’s “Art Night on the Mall,” continued with a variety of Caribbean and Central and South American musical performances that attracted an estimated 8,300 visitors to the Plaza. Meanwhile, a program of independent films and gallery talks by artists and curators brought these visitors inside the museum to explore exhibitions.

June 3–September 2

- **Summer hours** The National Museum of African Art’s extended summer hours drew hundreds of visitors on Thursday nights as part of Art Night on the Mall. Youngsters made colorful hats and then showed them off as they paraded to the exhibition “Hats Off!: A Salute to African Headwear,” while art lovers had the opportunity to talk with South African artist Rudzani Nemasepeti. In addition, the mu-
The entrance pavilion filled with the sounds of musicians from Cameroon and South Africa.

June 5

- **Exhibition** Three paintings depicting heroic winged figures by the American artist Abbott Handerson Thayer (1849–1921) were on view in “Thayer’s Winged Figures” at the Freer Gallery of Art through February 19, 2000.

June 8–14

- **Study tour** Smithsonian Study Tours, a division of The Smithsonian Associates, offered a first-time program featuring gala performances and special behind-the-scenes tours at the Spoleto, USA Festival in Charleston, South Carolina.

June 10–11

- **Meeting** The International Cooperative Biodiversity Group held its first annual meeting on the Ecologically Guided Bioprospecting Project in Panama at the Earl S. Tupper Research and Conference Center, Barro Colorado Island, the University of Panama, and Gorgas Memorial Laboratories.

June 14

- **Management excellence** The Archives of American Art appoints Nora Maroulis as its first Assistant Director, Membership and Development.

June 18

- **Public program** Reception and screening of documentary film “Rabbit in the Moon” about internment of Japanese Americans during World War II. Cosponsored by Freer/Sackler and National Asian American Telecommunication Association (NAATA).

June 18

- **Transfer** The National Postal Museum receives two gold U.S. postal inspector badges from the U.S. Postal Inspection Service.

June 18–January 9

- **Exhibition** “Picturing Hemingway: A Writer in His Time” was on view at the National Portrait Gallery. Hemingway has been called the single most influential American writer of the twentieth century, and in his own day he achieved an unmatched literary and popular celebrity. This exhibition marks the 100th anniversary of his birth with photographs, paintings, letters, first editions, manuscripts, and personal memorabilia.

June 19–September 7

- **Traveling exhibition** “Faces of TIME: Seventy-five Years of TIME Magazine Cover Portraits,” organized by the National Portrait Gallery, was on view at the Jimmy Carter Presidential Library in Atlanta, Georgia.

June 20–September 26

- **Exhibition** The National Museum of African Art’s Sylvia H. Williams Gallery was the location of “Claiming Art/Reclaiming Space: Post-Apartheid Art from South Africa.” The exhibition included a 23-foot-long collage, as well as paintings, prints, multimedia assemblages, videotapes, and an interactive artist’s book. A South African film series that accompanied the exhibition attracted standing-room-only audiences.

June 22–September 5

- **Traveling exhibition** “Andy Warhol’s Flash—November 22, 1963,” an exhibition organized by the National Portrait Gallery, was on view at the Delaware Art Museum.

June 23

- **Opening ceremony** The Smithsonian Folklife Festival, produced by the Center for Folklife and Cultural Heritage, opened with distinguished speakers representing the three major programs, including Governor Shaheen of New Hampshire; Honorable James Rosapepe, U.S. Ambassador to the Republic of Romania; and Her Excellency Sheila Sisulu, U.S. Ambassador to the Republic of South Africa.

June 23–27

- **Seminar** The Center for Folklife and Cultural Heritage held its sixth annual seminar for teachers, “Bringing Folklife into the Classroom.” The teacher seminar drew upon the Smithsonian Folklife Festival as a “living laboratory” for using multicultural resources and folklife techniques in the K-12 classroom.

June 23–27, June 30–July 4

- **Exhibition** The Center for Folklife and Cultural Heritage produced the 33rd annual Smithsonian Folklife Festival featuring programs on New Hampshire, Romania, and South Africa.

June 23–27, June 30–July 4

- **Folklife Festival** The Office of Public Affairs developed a local and national publicity campaign for the 33rd annual Smithsonian Folklife Festival, which featured three different programs—“Celebrating New Hampshire’s Stories,” “Gateways to Romania,” and “South Africa: Crafting the Economic Renaissance of the Rainbow Nation.” Media coverage included network and local morning shows, a number of articles in the Washington Post, and coverage in the New York Times, USA Today, and Washingtonian magazine.
June 24
- **Concert** The Center for Folklife and Cultural Heritage held the fifth annual Friends of the Festival Ralph Rinzler Memorial Concert, featuring two bands from recent immigrant groups. The Yuri Yanakov Band performs music from Bulgaria and the Republic of Macedonia, and Ensemble Tereza presented Mountain Jewish music.

June 24
- **Exhibition** The SITES exhibition “This Land is Your Land: The Life and Legacy of Woody Guthrie,” the first comprehensive exhibition about the revered musician and artist, opened to stellar reviews at the Autry Museum of Western Heritage in Los Angeles.

June 24
- **Purchase agreement** The Office of Contracting negotiated an agreement with The John Akridge Company to purchase the Victor Building at 9th and H Streets, NW.

June 25
- **Publication** Conrad Labandeira and Peter Wilf of the National Museum of Natural History’s Paleobiology Department authored a report “Response of Plant-Insect Associations to Paleocene-Eocene Warming” that appeared in the journal *Science*. They studied insect damage on fossil plants during a time that is associated with the greatest rise in global temperatures during the past 65 million years. Their research demonstrated that insect herbivores responded by increased levels of herbivory and in the variety of damage types on host-plant species.

June 25–July 3
- **Panda acquisition discussions** A National Zoo team visits China to discuss the possibility of acquiring pandas.

June 27–30
- **Conference** The Center for Folklife and Cultural Heritage cohosted with UNESCO a working conference, “A Global Assessment of the 1989 Recommendation on the Safeguarding of Traditional Culture and Folklore: Local Empowerment and International Cooperation.” The conference brought together international scholars and institutional directors from 24 nations who have participated in regional UNESCO conferences leading up to this meeting.

June 28–July 3
- **Conference** The 1999 meeting of the Society for the Preservation of Natural History Collections (SPNHC) took place at the Smithsonian Institution. The conference was cosponsored by two Smithsonian units with an active interest in the area of preservation of science collections, the Smithsonian Center for Materials Research and Education and the National Museum of Natural History, and attracted around 200 attendees from all over the United States and Canada. The program included scientific sessions in the Ripley auditorium, field trips to various Smithsonian sites, and workshops on particular subjects of practical interest.

June 28–August 9
- **International training course** “Preservation for Paper-based Collections,” a six-week international course, was organized and hosted by the Smithsonian Center for Materials Research and Education in collaboration with the International Centre for the Study of the Preservation and Restoration of Cultural Property (ICCROM) in Rome. ICCROM is an intergovernmental organization with 92 member states, of which the United States is one. Thirteen professionals, including conservators, librarians, archivists, and curators, from Australia, Brazil, Estonia, Ireland, Latvia, Mongolia, Nigeria, Pakistan, the Solomon Islands, St. Kitts and Nevis, Sweden, the United Kingdom, and Zimbabwe, participated in this event, a first in the United States. The curriculum materials for this course, which is a direct extension of other SCMRE educational programs in the area of paper-based research collection preservation, are all Web based.

June 29

June 29

June 30–July 2
- **Workshop** The Tropical Research Institute’s FACE (Free Atmosphere Carbon Enhancement) Ring Project held a workshop to review the progress of the prototype project, reach a consensus on the scientific direction of the Panama FACE site, and elaborate a funding strategy. The project was officially inaugurated during the workshop with the attendance of Panamanian, U.S., and Canadian officials and representatives from the agencies and corporations involved.

July
- **Award** Dr. Caroline Jones, assistant professor of contemporary art and criticism at Boston University, has been awarded the Smithsonian American Art Museum’s 1999 Charles C. Eldredge Prize for Distinguished Scholarship in American Art for her book *Machine in the Studio: Constructing the Postwar American Artist* (University of Chicago Press, 1997).
music, and looked at the major influences on and contributors to the beginnings of rock and roll, such as rhythm and blues, rockabilly, the Latin link, doo-wop, and the soul sound. Funding for the courtyard concerts was provided by The Morris and Gwendolyn Cafritz Foundation with in-kind support from the Henley Park Hotel.

July 1–December 1
- **Traveling exhibition**  "George C. Marshall: Soldier of Peace," an exhibition organized by the National Portrait Gallery was on view at the Truman Presidential Library in Independence, Missouri.

July 2
- **Concert**  The Center for Folklife and Cultural Heritage, in collaboration with the National Museum of American History’s Encuentros program, produced a conjunto concert and dance party to mark the release of the Smithsonian Folkways recording, *Taquechito Nights: Conjunto Music from South Texas*, produced in partnership with the Narciso Martínez Cultural Center of San Benito, Texas.

July 2–January 9
- **Exhibition**  “Unauthorized Portraits: The Drawings of Edward Sorel” was on view at the National Portrait Gallery. The exhibition was the first museum exhibition of the work of this renowned satirist. It featured original drawings from the 1960s to the present day, as well as some of the magazines in which his cartoons and illustrations appeared.

July 8
- **American Prairie opens**  A pair of bison calves, prairie dogs, 110 species of living plants, and more than 400 interpretive graphics depict the biological complexity of the American plains. American Prairie is the focal point of the National Zoo’s renovation of its central plaza.

July 9
- **Symposium**  Tropical Research Institute’s in-house Interactions Symposium was held at the Earl S. Tupper Research and Conference Center. Staff scientists, fellows, and visitors contributed with 21 presentations.

July 9–20
- **Study tour**  Smithsonian Study Tours, a division of The Smithsonian Associates, launched its first European study tour for families. Forty-one Associates, including grandparents, parents, and grandchildren, explored life in an Italian hill town on the “Tuscany for Families” study tour.

July 13
- **Event**  Admiral Donald D. Engen, director of the National Air and Space Museum since July 1, 1996, was killed in a motorized glider accident.
July 15

- **Exhibition**  "Directions—Sam Taylor-Wood," the first solo show in an American museum for this young British artist (b. 1967), opened at the Hirshhorn Museum and Sculpture Garden with a slide-illustrated talk by the artist in the museum's Ring Auditorium. Taylor-Wood is part of a new generation of artists in Great Britain who have gained wide recognition. The exhibition featured one of her newest video installations, *Noli Me Tangere*, in which the projected image of a muscular, Atlas-like figure strays to hold up the ceiling, evoking a Colossus, or load-bearing figure, from ancient architecture. Associate Curator Olga M. Viso organized the exhibition, which was generously supported by the Elizabeth Firestone-Graham Foundation and Lannan Foundation, with projection equipment and technical assistance supplied by BARCO Projection Systems.

July 16

- **Exhibition**  "Modern Uses of Gold" opens at the National Postal Museum.

July 18-23, July 25-30

- **National meetings**  As part of its Leadership and Assistance for Science Education Reform (LASER) initiative, the National Science Resources Center offers a national Strategic Planning Institute each year at the Smithsonian Institution in Washington, D.C. The LASER initiative is designed to reach school districts through eight regional partnerships involving universities, corporations, state departments of education, and the National Science Foundation Systemic Initiative Projects. LASER programs encourage districts to address the National Science Education Standards, as well as state and local standards in developing science education reform strategies. A six-day LASER event, called a Strategic Planning Institute, consists of interactive workshops and discussions during which leadership teams develop five-year strategic plans to reform K-8 science education in their districts. These national institutes bring faculty from across the nation to share best practices, as well as offering an opportunity for companies and organizations that want to initiate reform to learn about effective practices. During the summer of 1999, LASER presented two national Strategic Planning Institutes during two consecutive weeks. Thirty teams participated in these two institutes, including one team from Sweden. These institutes were held in conjunction with a special exhibit at the Smithsonian Institution—the Microbes exhibit, sponsored by Pfizer, which provided partial support for the NSRC institutes.

July 18–October 17


July 19

- **Staff appointment**  Beverly With was appointed head of the development office of the Freer Gallery of Art and Arthur M. Sackler Gallery

July 22

- **Special event**  The B&O Railroad Museum (Baltimore, Maryland) implemented its affiliation in a press event with Secretary I. Michael Heyman. A artifact from a B&O Railroad caboose—on loan from the National Museum of American History—was unveiled as part of the event.

July 23–October 10

- **Traveling exhibition**  "Philippe Halsman: A Retrospective," an exhibition organized by the National Portrait Gallery, was on view at the Grand Rapids Art Museum, Michigan.

July 24

- **Public program**  An all-day seminar, "A Virtual Climb of Mount Everest," produced by The Smithsonian Associates, featured the extraordinary adventurers of sherpa Norbu Tenzing, son of legendary climber Tenzing Norgay, geologist Roger Bilham, anthropologist James Fisher, high-altitude physiologist Peter Hackett, historian Stephen Venables, and climber Robert Anderson.

July 27

- **Agreement**  The Tropical Research Institute signed a five-year renewable agreement for scientific and academic collaboration with the City of Knowledge Foundation, to contribute to the diffusion of publications and reports resulting from joint scientific research and educational programs.

July 28

- **Publication**  The Office of Public Affairs issued a newly updated brochure, "Smithsonian Access," a guide for disabled visitors. Distribution by the Visitor Information and Associates' Reception Center at museum information desks and by mail began immediately.

July 29–December 5

- **Exhibition**  "Photographing History: Fred J. Maroon and the Nixon Years, 1970–1974" at the National Museum of American History. An intimate and dramatic view of the Nixon presidency through the lens of Fred J. Maroon, a distinguished Washington photographer. His pictures, many of which have never been exhibited before, capture a turning point in American political life.

August

- **Award**  Ella Jenkins, Smithsonian Folkways Recording artist and advisory council member, was selected as a recipi-
ent of the 1999 ASCAP Foundation Lifetime Achievement Award. The award is a tribute to veteran music creators who, over the years, have made significant contributions to the nation’s music culture, and Ella was the first recipient in the field of children’s music, as well as the first woman honoree.

August

- **Construction contract** The Office of Contracting awarded a construction contract to Twin Towers Enterprises for the fourth floor renovations and windows replacement at the Carnegie Mansion and Miller Fox Townhouse of the Cooper-Hewitt, National Design Museum.

August

- **Donation** The Smithsonian Libraries received a significant donation from Mrs. Gail D. Kaufmann of 11 rare volumes, dating from 1585 to 1843 and relating to medicine. Collected by her physician parents in Czechoslovakia, the volumes have been added to the research collections of the Dibner Library of the History of Science and Technology.

August

- **Index available on-line** The Libraries completed a multi-year project funded by the Getty Grant Program, creating approximately 25,000 on-line bibliographic records relating to the literature of African art and culture. Museum of African Art Branch librarian Janet Stanley, author of the bibliographic index and principal investigator for the grant, began to compile the information in 1979 and she will continue adding records as new literature on African art is published. Since these records of the African Art bibliographic index have been available with the Libraries’ catalog on SIRIS (www.siris.si.edu), reference and interlibrary loan inquiries to the African Art Branch library have more than tripled.

August


August

- **Scientist appointment** Dr. Ilka Feller is hired as SERC Staff Scientist and Principal Investigator in terrestrial animal ecology with emphasis on insect-plant interactions.

August 1

- **Exhibition** The Arthur M. Sackler Gallery opened an exhibition, titled “Yoshida Hiroshi: Japanese Prints of India and Southeast Asia.” The 32 woodblock prints on display, created by a prominent Japanese painter and print artist were based on his travels in 1930.

August 6

- **Announcement** The Smithsonian American Art Museum and the National Portrait Gallery announce a major upcoming renovation of the Old Patent Office Building, the historic home for both museums. The building will be closed during the renovation, which is expected to take three years.

August 7

- **Public program** The National Museum of American History’s Lemelson Center celebrates National Inventors Month with a full day of free workshops, demonstrations, and activities on playful inventions for all ages.

August 9–13

- **Professional education course** “Wood Anatomy and Identification,” a course designed and hosted by the Smithsonian Center for Materials Research and Education, was given for the first time as part of the series offered by the laboratory’s optical microscopy program. Nine museum professionals attended this practical workshop.

August 12

- **Professional institute** The Smithsonian Associates presented the first of its quarterly Creativity Institutes for Lockheed Martin Leadership Institutes, which will reach approximately 100 top Lockheed Martin executives annually.

August 13–November 14


August 23–27

- **Science faculty workshop** As part of the ongoing collaboration between the Smithsonian Center for Materials Research and Education and Santa Clara University, the workshop “Chemical Characterization of Archaeological Materials: An Interdisciplinary Approach to Variability” was held at the university. Organized and taught by SCMRE faculty, and based on the experience and expertise gained in the context of research at SCMRE, this workshop focused on the scientific analysis of archaeological materials, especially ceramics.
A multi-disciplinary audience of university faculty, including chemists, biologists, archaeologists, and anthropologists, attended this workshop.

August 25

- **Acquisition**  *Are Years What? (for Marianne Moore),* 1967, a monumental steel sculpture by the American artist Mark di Suvero (b. 1933), was installed as a new acquisition in the street-level section of the Hirshhorn Museum’s Sculpture Garden along Jefferson Drive. The dynamic 40-foot-high composition of bright-red I-beams fusing industrial engineering, abstract art, and pure lyricism takes its title from a poem by the American writer Marianne Moore (1887-1972). Considered one of the artist’s greatest works, it was acquired in part through the Joseph H. Hirshhorn Purchase Fund and in part as a gift from the Institute of Scrap Recycling Industries. *Are Years What?* affirms the authority of the Hirshhorn’s collection of monumental contemporary sculpture.

August 28

- **Event**  The Visitor Information and Associates’ Reception Center hosted a pre-La Cumbre trade show breakfast for national tour operators with the Washington, D.C., Convention and Visitor Association.

September

- **Exhibition**  The gondola of Breitling Orbiter 3, which completed the first non-stop balloon flight around the world, went on display in the National Air and Space Museum’s Milestones of Flight gallery.

September

- **Exhibition**  “Posted Aboard the RMS Titanic” opens at the National Postal Museum.

September

- **Lecture series**  A 10-part evening lecture series entitled “An Ecological History of the Chesapeake Bay” began at SERC’s Philip D. Reed Education Center.

September

- **Publication**  Information was provided and reviewed by Frank Millikan and Marc Rothenberg of the Joseph Henry, Papers Project, Smithsonian Institution Archives, for a featured article about Joseph Henry, which appeared in the syndicated Mini Page.

September

- **Publication**  The report “Smithsonian Institution Archives Appraisal Methodology” was written by the Records Management Team, Archives Division, Smithsonian Institution Archives.

September

- **Publicity campaign**  The Office of Public Affairs’ publicity campaign for Hispanic Heritage Month included new releases, radio advertisements on Spanish-language stations, and ads in local Spanish-language newspapers.

September

- **Radio advertising campaign**  Beginning this month and continuing for six months, the Office of Public Affairs bought commercial time on WTOP radio, the dominant news-talk station in the Washington, D.C., area, to run advertisements called “Inside the Smithsonian.” They were broadcast every Friday morning during drive time and featured information for area residents on everything from what’s new at the museums to the latest artifact acquisition.

September

- **Research result**  SAO scientists aid in the discovery of three new moons around Uranus.

September

- **Scientist appointment**  Dr. Peter Marra is hired as SERC Staff Scientist and Principal Investigator in terrestrial animal ecology with emphasis on avian ecology.

September 4

- **Exhibition**  The SITES exhibition “Women of Taste: A Collaboration Celebrating Quilt Artists and Chefs” premiered at Silver Dollar City in Branson, Missouri. The two exhibitions, each of 50 dynamic culinary quilts, was the result of pairing women chefs and quilters together.

September 10

- **Donation**  The Paul Singer Collection, more than 5,000 objects of which a majority are from ancient China, was given to the Arthur M. Sackler Gallery jointly by The Arthur M. Sackler Foundation; Paul Singer; the AMS Foundation for Arts, Sciences and Humanities; and the children of Arthur M. Sackler. This represented the largest acquisition of Chinese art the Sackler Gallery has received since it opened in 1997.

September 10

- **Staff appointment**  Kenneth J. Myers, a specialist in nineteenth- and twentieth-century American painting and photography joined the staff of the Freer Gallery of Art and Arthur M. Sackler Gallery as assistant curator of American art.
September 10

- Student workshop  In conjunction with the exhibition and in collaboration with the Museum Studies department and students of the Duke Ellington School of the Arts, D.C. Public Schools, the National Portrait Gallery offered “Paul Robeson: Artist and Citizen” an interactive, fun workshop for students that combined art activities and learning about the life and career of Paul Robeson.

September 12

- Exhibition  The National Museum of African Art opened a major exhibition “Wrapped in Pride: Ghanaian Kente and African American Identity,” a unique collaboration between the National Museum of African Art and the Anacostia Museum and Center for African American History and Culture. The two-sited exhibition offered visitors not only a glimpse into the history and meaning of the colorful African textile, but provided both programming and interactive activities that engaged diverse audiences. School groups and teachers from hundreds of schools took advantage of related programming including exhibition tours, weaving demonstrations by master weavers from Ghana, and teacher workshops.

September 12

- Print advertising  The Office of Public Affairs bought two half-page ads in the Washington Post’s autumn preview section to advertise exhibitions and programs available to Smithsonian museum visitors.

September 13

- Appointment  The Tropical Research Institute appointed J. Fang Sun, professor at Tunghai University in Taichung, Taiwan, as Asia Program Coordinator for the Center for Tropical Forest Science.

September 13

- Press announcement  The Office of Public Affairs handled the public announcement and publicity when the Board of Regents named Lawrence M. Small as the new Smithsonian Secretary. The Secretary-designate’s biography and other materials were available to staff, the public, and the press at the event in the Enid A. Haupt Garden.

September 15

- Publication  Hawai‘i has more endangered and threatened plants than any other state in the United States (265/699 taxa or 38 percent U.S. listed vascular plants). Because of the magnitude of the conservation problems in the Hawaiian Islands, it is vital that biologists, conservationists, and land managers have the most up-to-date information possible. To meet this need the Pacific Islands Program in the Department of Botany at the National Museum of Natural History, led by Warren L. Wagner, produces periodic assessments of Hawaiian vascular plant species at risk. To date, assessments have been published in 1990 and 1999. These assessments encourage the survey, conservation, and management of the dwindling and degrading natural habitat throughout the state.

September 15–October 15

- Outreach  As part of the Smithsonian’s Hispanic Heritage Month activities, the Archives of American Art presents a special Web site location to announce the recent acquisition of the papers of curator and art historian Giulio V. Blanc and other Archives’ Latino initiatives.

September 16–30

- Public program  The National Portrait Gallery participated in the Hispanic Heritage Month with the Latino Festival of a series of feature films, shorts, and documentaries presented in celebration of Hispanic Heritage Month. Included were a mix of U.S.-made films currently on the independent film festival circuit and classics such as Salt of the Earth. Latin Festival activities were made possible by the Smithsonian Center for Latino Initiatives.

September 17–18

- Public program  The Smithsonian Associates celebrated the 224th year of the U.S. Marine Corps in a weekend seminar that presented active and former Marines, including Commandant James L. Jones, Art Buchwald, Mark Russell, Jim Lehrer, and William Styron.

September 18

- Family day  The National Museum of African Art hosted a family day on the arts and culture of Ghana with food, music, song, a dance procession, games, demonstrations, and storytelling.

September 18

- Public program  The National Museum of American History celebrates “Star-Spangled Family Day” as part of its OurStory program. Children’s author Steven Kroll read from his book, By the Dawn’s Early Light: The Story of the Star-Spangled Banner. The Fort McHenry Color Guard raised a smaller reproduction of the Star-Spangled Banner. Visitors met museum historians and conservators, and activities throughout the museum included living history presentations, arts and crafts, and musical performers.

September 20

- Public program  The National Portrait Gallery participated in the Hispanic Heritage Month with the Latino Festival presentation of “The Afro-Latino Presence in American Literature.” This panel of three critically acclaimed Afro-Latino authors examined the Afro-Latino experience. Panelists included Piri Thomas, author of Down These Mean Streets; Junot
Díaz, author of *Dream*; and Loida Maritza Pérez, author of *April 3, 2001*. Cosponsored with the Hispanic Heritage Month Planning Committee.

September 22

- **Award** The Archives of American Art receives a gift from the Gerra Charitable Trust for the processing and microfilming of the papers of Marcel Breuer, noted twentieth-century architect and designer.

September 24

- **Award** Japanese art historian Toshie Kihara, an official of Japan’s Agency for Cultural Affairs, received the Shimada Prize for distinguished scholarship in the history of East Asian art. The prize, which includes $10,000, is presented biennially by the Freer Gallery of Art and Arthur M. Sackler Gallery and the Metropolitan Center for Far Eastern Art Studies in Kyoto, Japan.

September 24–30

- **Exhibition** “Glass! Glorious Glass!” was on view at the Smithsonian American Art Museum’s Renwick Gallery. This exhibition, which explored the variety of work being created with glass, is the first in a series that focuses on a specific medium in the expanding craft collection of the museum.

September 24–January 2

- **Exhibition** “A Durable Memento: Portraits by Augustus Washington, African American Daguerreotypist” was on view at the National Portrait Gallery. This was the first major exhibition of daguerreotype portraits by Augustus Washington, one of America’s earliest and most important black photographers. The show included 33 daguerreotypes from two distinct periods in Washington’s career: his tenure as one of the principal daguerreotypists in Hartford, Connecticut (1846–1853) and the early years of his residency in Liberia where he settled in 1853.

September 25

- **Exhibition** The National Air and Space Museum exhibition “Star Wars: The Magic of Myth” opened at the San Diego Museum of Art, the first venue on the SITES two-year tour. Showcasing models, costumes, props, and original artwork from the archives of Lucasfilm, Ltd., the exhibition traces the *Star Wars* film trilogy and how it presents Luke Skywalker as an archetypical hero.

September 25

- **Exhibition** The SITES exhibition “Serving Home and Community: Women of Southern Appalachia” premiered at Ohio University at Zanesville. Documentary photographer Barbara Beirne traveled to Virginia, Tennessee, Kentucky, and West Virginia, photographing and interviewing many of the remarkable women that call this region home.

September 26

- **Festival** The National Zoo’s Conservation and Research Center at Front Royal hosts its Autumn Conservation Festival, a one-day event that opens the facility to the public.

September 28

- **Ground breaking** Working with the National Museum of the American Indian, the Office of Public Affairs played a leading role in the publicity campaign that surrounded the museum’s ground breaking at the last site on the National Mall.

September 30

- **Major gift** Paul Peck of McLean, Virginia, gave the National Portrait Gallery $2 million to promote understanding of the American presidency, the largest individual gift in the museum’s history. The gift will endow the Paul Peck Fund for Presidential Studies, and support publications, acquisitions, public programs, media outreach, and the Web site. In honor of Mr. Peck’s gift, a space will bear his name when the museum reopens. The gift inaugurated a major fund-raising drive at the Gallery.

September 30

- **Publication** The Office of Public Affairs issued its newly updated brochure “Exploring African American Heritage at the Smithsonian,” which provides detailed information to visitors interested in African American–related exhibitions and programs at the Institution. Distribution by the Visitor Information and Associates’ Reception Center at museum information desks and by mail began immediately. The brochure was supported by a grant from the Educational Outreach Fund administered by the Smithsonian Office of Education.
Academic, Research Training, and Internship Appointments

The first section lists recipients of fellowships and other appointments awarded to scholars and advanced students under the auspices of the Office of Fellowships and Grants. Students and museum professionals who held museum internships or participated in special projects administered by the Center for Museum Services are listed in the second section.

Academic and Research Training Appointments

The Smithsonian offers, through the Office of Fellowships and Grants, research and study appointments to visiting scientists, scholars, and students. The appointees are provided access to the Institution's facilities, staff specialties, and reference resources. The persons—listed by unit or office—in this Appendix began their residencies between October 1, 1998, and September 30, 1999, and have been in residence for three months or longer. Predoctoral and postdoctoral fellows, visiting scientists or scholars, and other awardees and participants in special programs are so listed. Listed for each fellow or visitor is the institution where each received, or expects to receive, a degree or the home university or institution; a brief description of the project undertaken at the Smithsonian; the Smithsonian advisor; and dates of residency.

Archives of American Art


Center for Folklife Programs and Cultural Studies


Cooper-Hewitt, National Design Museum

Janin Hadlaw, SI Predoctoral Fellow, Simon Fraser University, Canada. "Communicating Utopia: Design, Modernity, and the Telephone," with Stephen Van Dyk and Bernard Finn from June 1, 1999 to August 31, 1999.
Freer Gallery of Art/
Arthur M. Sackler Galleries

Soyoung Lee, SI Predoctoral Fellow, Columbia University.
Sharada Srinivasan, Visiting Scholar, University College London, United Kingdom. "Characterisation of Copper Alloys from Peninsular India," with Janet Douglas from April 15, 1999 to October 14, 1999.

Hirshhorn Museum
and Sculpture Garden


National Air and Space Museum


National Museum of American Art

Alicia Gaspar de Alba, Rockefeller Humanities Fellow, University of New Mexico. "Place and Identity in the Construction of Chicana Aesthetics," with Andrew Connors from March 1, 1999 to June 30, 1999.
National Museum of American History

Regina Lee Blaszczyk, Lemelson Center Senior Fellow, University of Delaware. "The Color Revolution: Playful Innovation?" with Arthur Molella from June 1, 1999 to August 31, 1999.


Marc S. Ferris, SI Predoctoral Fellow, State University of New York, Stony Brook. "The History and Symbolic Significance of 'The Star-Spangled Banner'," with Lonn Taylor from June 1, 1999 to August 31, 1999.


David A. Pantalony, SI Ten-week Graduate Student Fellow, University of Toronto. “The Koenig Collection at the Smithsonian Institution,” with Deborah Warner and Steven Turner from June 14, 1999 to August 20, 1999.


Chris Allen Rasmussen, SI Postdoctoral Fellow, Rutgers University. “Automatic Age: Coin Machines, Coin Men and Consumer Culture,” with Charles McGovern and Steven Lubar from July 1, 1999 to December 31, 1999.


George Sanchez, Rockefeller Humanities Fellow, University of Southern California. “Latino Identities, American Identity: Exploring Latino Ethnicity in Urban America,” with Charles McGovern from June 1, 1999 to July 30, 2000.


National Museum of the American Indian


National Museum of Natural History

Kristina L. Ackley, SI Predoctoral Fellow, State University of New York, Buffalo. “We are Oneidas Yet: Discourse, Identity, and Oneida Land Rights,” with JoAllyn Archambault from June 1, 1999 to September 30, 1999.


Kenneth G. Karol, Visiting Student, University of Maryland. "Molecular Evolution of Both the ITS and trnL-F Noncoding Spacer Sequences in Green Plants,” with Elizabeth Zimmer from June 1, 1999 to August 31, 1999.


Jimmy A. McGuire, SI Postdoctoral Fellow, University of Texas, Austin. " Phylogenetic Systematics and Historical Biogeography of the Southeast Asian Flying Lizards (genus 'Draco'),” with Kevin de Queiroz from January 15, 1999 to January 14, 2000.

David A. McKeown, SI Senior Fellow, Catholic University of America. "Structural Characterization of Mn-Oxide Coatings on Rock Substrates,” with Jeffrey Post from June 1, 1999 to May 31, 2000.


Satoshi Okamura, Visiting Scientist, Hokkaido Education University. "Rifting- and Subduction-Related Volcanism of the Northwestern Pacific Rim,” with James Luhr from September 1, 1999 to August 31, 1900.


National Portrait Gallery


National Zoological Park


Gerald E. Poyo, SI Ten-week Graduate Student Fellow, George Mason University. "Noninvasive Fecal Steroid Monitoring in the Slender-Tailed Meerkat ('Suricata suricatta')," with Steven Monfort from June 1, 1999 to August 6, 1999.


Office of the Smithsonian Institution Archives


Smithsonian Astrophysical Observatory


Dennis P. Clougherty, Visiting Scientist, University of Vermont. "The Quantum Effects of Atom-Surface Collisions," with Kate Kirby from September 1, 1999 to December 31, 1999.


Annals of the Smithsonian Institution 1999


Rafael Millan-Gabet, Michelson Postdoctoral Fellow, University of Massachusetts at Amherst. "The Development of Three-Beam Operation for the Infrared Optical Telescope Array (IOTA)," with Wesley Traub from August 1, 1999 to July 31, 2001.


Frank S. Tesch, Visiting Student, University of Hamburg, Germany. "Search for Large-Scale Structures in the Spatial Distribution of X-Ray Selected AGN," with Martin Elvis from January 1, 1999 to December 31, 1999.

Frank S. Tesch, Predoctoral Fellow, University of Hamburg, Germany. "Search for Large-Scale Structures in the Spatial Distribution of X-Ray Selected AGN," with Martin Elvis from January 1, 1999 to December 31, 1999.

Uwe Thumm, Visiting Scientist, Kansas State University. "Interactions of Ions With Clusters and Surfaces and the Photodetachment of Negative Ions," with Kate Kirby from June 1, 1999 to February 28, 2000.


Brad Wallace, Postdoctoral Fellow, University of Calgary, Canada. “Supernova Remnant/Molecular Cloud Interactions,” with Paul Ho from August 1, 1999 to July 31, 2001.
Sandra Ward, Visiting Scientist, University of North Texas. “Positronium Formation,” with Kate Kirby from February 1, 1999 to March 31, 1999.

Smithsonian Center for Latino Initiatives


Smithsonian Center for Materials Research and Education

Angel D. Santiago-Torres, Senior Fellow, Museo de Arte de Ponce. “Analysis of Materials and Techniques in Puerto Rican Santos (Identification of Tropical Woods of Puerto Rico Used by the Puerto Rican Artisans),” with Donald Williams from July 1, 1999 to September 30, 1999.

Smithsonian Environmental Research Center

Jiahong Li, SI Postdoctoral Fellow, Chinese Academy of Sciences. “Photosynthetic Acclimation to Elevated Atmospheric CO₂ as Affected by the Time of Day in the Florida Scrub-Oak Species,” with Bert Drake from June 1, 1999 to November 30, 1999.
Romuald N. Lipcius, SI Senior Fellow, College of William and Mary. “Source-Sink Dynamics in a Marine Bivalve,” with Anson Hines and Gregory Ruiz from September 1, 1999 to December 31, 1999.
Helen C. Thompson, SI Ten-week Graduate Student Fellow, Rutgers University. "Influence of the Light Environment on the Growth of Native and Exotic Vines," with Dennis Whigham from June 1, 1999 to August 6, 1999.


### Smithsonian Institution Affiliates

Martha Gutierrez-Steinkamp, Fellow in Museum Practice, Ft. Lauderdale, Florida. "The Development of Participatory Community Outreach Programs and Exhibits in Culturally Diverse Communities," with Margaret Pulles and Michael Carrigan from June 1, 1999 to March 31, 2000.

### Smithsonian Institution Libraries


### Smithsonian Marine Station at Fort Pierce


### Smithsonian Tropical Research Institute


James Guest, Short-term Visitor, University of Newcastle. "Comparative Histopathology of the Band Diseases of


Margaret B. Kraenzel, Short-term Visitor, McGill University, Canada. “Carbon Sequestration by Afforestation of Abandoned Agricultural Land by Teak Plantations in Panama,” with Catherine Potvin from June 1, 1999 to August 31, 1999.


Juan L. Mate, Visiting Student, University of Miami. “Geographic, Ecological, Genetic and Morphological Variation in Pavona (Cnidaria, Anthozoa) Along the Pacific Coast of Panama,” with Nancy Knowlton and Hector Guzman; Luis D’Croz from January 1, 1999 to December 31, 1999.


Steven M. Phelps, SI Postdoctoral Fellow, University of Texas. “Categorization and Cognition in the Tungara Frog,” with A. Stanley Rand and Michael Ryan from June 1, 1999 to January 31, 2000.


Oris J. Sanjur, SI Postdoctoral Fellow, Rutgers University. “Genetic Diversity on Natural Populations of Cucurbita Species,” with Dolores Piperno and Harilaos Lessios from June 1, 1999 to May 31, 2000.


Elizabeth Wehncke, Short-term Visitor, Universidad de Buenos Aires, Argentina. “Postdispersal Seed Fate and Consequences of Seed Dispersal Patterns by Cebus capucinus in a Tropical Forest,” with James Dalling from February 1, 1999 to April 30, 1999.


Smithsonian Interns in Fiscal Year 1999

The Smithsonian offers internships and other special appointments to undergraduate and graduate students and to museum professionals. The home institution, a brief description of the project undertaken at the Smithsonian, and the dates of service are given wherever possible.

Accessibility


Anacostia Museum and Center for African American History and Culture

Rayna Smith BA Candidate Howard University 9/16/1999 to 12/31/1999 Working under Deb Willis, curator of the African American History and Culture exhibits.

Architectural History and Historic Preservation

### Archives of American Art

<table>
<thead>
<tr>
<th>Name</th>
<th>Program</th>
<th>Institution</th>
<th>Dates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matthew Adams</td>
<td>BA Candidate</td>
<td>Clark University</td>
<td>7/26/1999 to 8/20/1999</td>
<td>To assist with the preparation of the Archives of American Art Journal.</td>
</tr>
<tr>
<td>Kathleen Davies</td>
<td>BA Candidate</td>
<td>San Jose State University</td>
<td>6/7/1999 to 8/13/1999</td>
<td>Help prepare for publication a guide to the papers of Asian American and Asian artists at the Archives of American Art.</td>
</tr>
<tr>
<td>Richard Kelly</td>
<td>MA Candidate</td>
<td>George Washington University</td>
<td>6/14/1999 to 7/30/1999</td>
<td>Training in the use of primary and archival source material.</td>
</tr>
<tr>
<td>Angela Lowe</td>
<td>BA Candidate</td>
<td>Brigham Young University</td>
<td>9/12/1999 to 12/15/1999</td>
<td>Research on an American artist that will contribute to an exhibition in New York.</td>
</tr>
</tbody>
</table>

### Arthur M. Sackler Gallery/Freer Gallery of Art

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Dates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Omar Aziz</td>
<td>High School Degree Candidate</td>
<td>Robert E. Lee High School</td>
<td>6/13/1999 to 8/30/1999</td>
<td>Helping children better understand and be aware of Asian Cultures through projects as well as the artistic booklets put together by interns at the Sackler.</td>
</tr>
<tr>
<td>Tim Bean</td>
<td>BA</td>
<td>Lehigh University</td>
<td>1/11/1999 to 7/1/1999</td>
<td>Graphic design in the ImaginAsia department and Photography department.</td>
</tr>
<tr>
<td>Lauren Bronson</td>
<td>BA</td>
<td>George Mason University</td>
<td>9/9/1999 to 12/31/1999</td>
<td>Assist with ImaginAsia.</td>
</tr>
<tr>
<td>Serena Li</td>
<td>High School Degree Candidate</td>
<td>Winston Churchill High School</td>
<td>7/1/1999 to 8/13/1999</td>
<td>Work on shop Web site; expand and improve this e-commerce Web site.</td>
</tr>
<tr>
<td>Miwa Ohama</td>
<td>BA Candidate</td>
<td>George Washington University</td>
<td>1/9/1999 to 6/30/1999</td>
<td>ImaginAsia Program: Working with art sessions for children ages 6–12 and their adults. In the sessions, activity guides enable children to explore exhibition and to produce their own works of art in the classroom.</td>
</tr>
<tr>
<td>Sarah Perez-Silverman</td>
<td>BA Candidate</td>
<td>University of California</td>
<td>9/12/1999 to 12/3/1999</td>
<td>ImaginAsia is an educational program for families with young children. I will be planning guided tours and activities that accompany exhibits within the museum.</td>
</tr>
</tbody>
</table>
Claudia Rice  
AA Candidate  
Montgomery College  
1/19/1999 to 5/31/1999  
Transferring and entering files from binders to computer and cataloging art from the ninth century to the present for both the Freer and Sackler Islamic Near Eastern Art Collection.

Doler Shah  
BA  
JJ School of Arts  
6/15/1999 to 8/30/1999  
Helping with general design functions and graphics.

Lori Spiering  
BA Candidate  
Hood College  
1/25/1999 to 5/16/1999  
Working to further develop and structure ImaginAsia through the development of classroom guides and additional programming.

Shinako Yamashiro  
George Washington University  
1/11/1999 to 6/30/1999  
Working in the ImaginAsia program with children and their adult companions at AMSG. Activity guides enable participants to explore an exhibition and bring new ideas and information back to the classroom and produce their own works of art.

Jing Zeng  
HS  
Montgomery Blair High School  
7/1/1999 to 8/13/1999  
The intern will work with the digital media workstation. She will scan, organize, and catalogue slides of exhibition installations, and architectural details of the Freer and Sackler Galleries of Art.

**Asian/Pacific American Studies**

Julianna Lee  
BA  
Wellesley College  
6/15/1999 to 3/15/2000  
Research fellow for Dr. Franklin Odo in the Asian Pacific American Studies Program.

Charlotte Lee  
BA Candidate  
University of California-Berkeley  
6/7/1999 to 8/13/1999  
Assisting Dr. Odo in research topics related to Asian Pacific American History.

Raina Lee  
BA Candidate  
University of California-Davis  
4/5/1999 to 6/30/1999  
Interning with Franklin Odo's office, working with Asian Pacific American programs.

Yuka Ohta  
BA Candidate  
Davidson College  
5/19/1999 to 8/31/1999  
Assist Asian Pacific American Studies program with their “Bento to Mixed Plate” exhibition.

Dominica Tolentino  
MA Candidate  
George Washington University  
1/26/1999 to 5/16/1999  
Intern will work on strategic planning for the Asian Pacific American Studies Program, organization of workshop for Association of Asian American Studies, and public programming and special events for the “Bento to Mixed Plate” exhibition.

**Center for Folklife and Cultural Heritage**

Rebekah Adkisson  
MA Candidate  
George Washington University  
9/21/1999 to 12/21/1999  
Working for Conservancy of Tibetan Art and Culture and the Smithsonian Folklife Festival. Responsibilities include administration and fund-raising aspects of the project.

Scott Bartlett  
BA Candidate  
Washington State University  
6/1/1999 to 7/30/1999  
Work on production, marketing of Smithsonian Folkways Recordings. Assist in encoding digital files for Web presentation.

Christian Becker  
Edmund-Siemers-Universitat Hamburg  
9/14/1999 to 12/10/1999

Lee Bryars  
BA  
University of the South  
6/2/1999 to 8/6/1999  
Sound Archives at the Smithsonian Folkways and fieldwork at the Folklife Festival

Andy Buckman  
BA Candidate  
Purdue University  
5/24/1999 to 7/10/1999  
Working on Folklife Festival Design and preparation, including newsletters, bulletins, and festival sites.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree/Candidate</th>
<th>Institution</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maria Elena Cepeda</td>
<td>Doctoral Degree Candidate</td>
<td>University of Michigan</td>
<td>5/24/1999 to 7/30/1999</td>
</tr>
<tr>
<td>Ronald Chacon</td>
<td>AA Candidate</td>
<td>Montgomery College</td>
<td>12/7/1998 to 4/30/1999</td>
</tr>
<tr>
<td>Joys Cheung</td>
<td>MA</td>
<td>University of Texas–Austin</td>
<td>9/15/1999 to 9/13/2000</td>
</tr>
<tr>
<td>Tracy Clonts</td>
<td>Folklife and Cultural Studies. History of folklife studies.</td>
<td>9/9/1999 to 12/3/1999</td>
<td></td>
</tr>
<tr>
<td>Brenna Dailey</td>
<td>BA Candidate</td>
<td>Rhodes College</td>
<td>6/1/1999 to 8/15/1999</td>
</tr>
<tr>
<td>Ynske De Bruyne</td>
<td>BA Candidate</td>
<td>University of Ghent</td>
<td>9/1/1999 to 9/27/1999</td>
</tr>
<tr>
<td></td>
<td>Research projects with Dr. Kurin.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dustin Edge</td>
<td>BA Candidate</td>
<td>Davidson College</td>
<td>7/19/1999 to 8/20/1999</td>
</tr>
<tr>
<td></td>
<td>Working with archival materials in the Center for Folklife and Cultural Heritage.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hadi Gharabaghi</td>
<td>AA Candidate</td>
<td>Montgomery College</td>
<td>9/9/1999 to 12/15/1999</td>
</tr>
<tr>
<td></td>
<td>Provide assistance in filming and editing numerous video projects.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Helen Gillet</td>
<td>BA Candidate</td>
<td>Beloit College</td>
<td>6/14/1999 to 7/30/1999</td>
</tr>
<tr>
<td></td>
<td>Working with Doran's office and with Folklife Festival coordinator for 2 weeks of festival.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Anna Gray</td>
<td>BA</td>
<td>Sydney University</td>
<td>9/20/1999 to 10/22/1999</td>
</tr>
<tr>
<td>Kusum Harchandrai</td>
<td>BA Candidate</td>
<td>St. Olaf College</td>
<td>6/1/1999 to 8/30/1999</td>
</tr>
<tr>
<td></td>
<td>Photography and Web work for Folklife Festival.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catherine Hardman</td>
<td>MA Candidate</td>
<td>Catholic University of America</td>
<td>5/17/1999 to 8/31/1999</td>
</tr>
<tr>
<td></td>
<td>Archival organization of Ralph Rinzler's papers.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Romain Haug</td>
<td>MA</td>
<td>Universite de Montreal</td>
<td>9/20/1999 to 12/20/1999</td>
</tr>
<tr>
<td>Vincente Alfredo</td>
<td>Intern for production of Latin American Youth Center's Latino Heritage Center Exhibit.</td>
<td>11/23/1998 to 4/30/1999</td>
<td></td>
</tr>
<tr>
<td>Herrera</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Darrol Hughes</td>
<td></td>
<td></td>
<td>To see what anthropologists actually do, and to get a better understanding of ethnographic film—from the concept through post-production.</td>
</tr>
<tr>
<td>Robert Jansen</td>
<td>BA</td>
<td>Linfield College</td>
<td>6/10/1999 to 7/9/1999</td>
</tr>
<tr>
<td></td>
<td>Coordinating participants and assisting program staff at the Romanian Folklife Festival.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kimberly Junod</td>
<td>BA Candidate</td>
<td>University of Pennsylvania</td>
<td>6/1/1999 to 9/7/1999</td>
</tr>
<tr>
<td></td>
<td>Complete the radio publicity campaign for the release of Taquachito Nights, and research and make contacts in the high school music education market to help further ties between teachers and Smithsonian Folkways.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Marni Kravitz</td>
<td>BA</td>
<td>Georgetown University</td>
<td>2/1/1999 to 2/1/2000</td>
</tr>
<tr>
<td></td>
<td>Year 2000 Folklife Festival.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mary Lloyd</td>
<td>PhD Candidate</td>
<td>Seattle University</td>
<td>3/1/1999 to 3/28/1999</td>
</tr>
<tr>
<td></td>
<td>To design educational programs for children related to the summer Folklife Festival and review curriculum on African Immigrants in D.C. area.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Degree/Candidate</td>
<td>Institution</td>
<td>Date Range</td>
</tr>
<tr>
<td>--------------</td>
<td>------------------</td>
<td>---------------------------------------</td>
<td>---------------------</td>
</tr>
<tr>
<td>Teresa Martyny</td>
<td>BA Candidate</td>
<td>University of Florida</td>
<td>1/6/1999 to 7/10/1999</td>
</tr>
<tr>
<td>Jonathan McCollum</td>
<td>MA Candidate</td>
<td>Tufts University</td>
<td>6/7/1999 to 7/29/1999</td>
</tr>
<tr>
<td>Kevin Miller</td>
<td>BA</td>
<td>University of Florida</td>
<td>5/17/1999 to 9/30/1999</td>
</tr>
<tr>
<td>Versha Munshi</td>
<td>BA Candidate</td>
<td>University of Chicago</td>
<td>6/14/1999 to 8/30/1999</td>
</tr>
<tr>
<td>Clara Odell</td>
<td>High School Degree Candidate</td>
<td>McLean High School</td>
<td>6/23/1999 to 8/30/1999</td>
</tr>
<tr>
<td>Clinton Olive II</td>
<td>PhD Candidate</td>
<td>University of Texas–Arlington</td>
<td>10/5/1998 to 5/15/1999</td>
</tr>
<tr>
<td>Amber Papini</td>
<td>BA Candidate</td>
<td>University of Missouri–Kansas City</td>
<td>6/1/1999 to 7/23/1999</td>
</tr>
<tr>
<td>Sarah L. Pestle</td>
<td>BA Candidate</td>
<td>Harvard University</td>
<td>1/19/1999 to 4/16/1999</td>
</tr>
<tr>
<td>Kendra Portier</td>
<td>BA Candidate</td>
<td>Ohio State University</td>
<td>6/14/1999 to 7/31/1999</td>
</tr>
<tr>
<td>Kishanna Poteat</td>
<td>BA</td>
<td>Clark Atlanta University</td>
<td>6/7/1999 to 8/13/1999</td>
</tr>
<tr>
<td>Chad Redwing</td>
<td>BA</td>
<td>Arizona State University</td>
<td>6/1/1999 to 7/31/1999</td>
</tr>
<tr>
<td>Name</td>
<td>Degree</td>
<td>University</td>
<td>Start Date</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------</td>
<td>----------------------</td>
<td>------------</td>
</tr>
<tr>
<td>Viktoria Rill</td>
<td>BA</td>
<td>University of Dayton</td>
<td>6/7/1999</td>
</tr>
<tr>
<td>Mary Rogers</td>
<td>BA</td>
<td>West Virginia University</td>
<td>5/19/1999</td>
</tr>
<tr>
<td>Matt Sandate</td>
<td>BA</td>
<td>University of North Texas</td>
<td>5/24/1999</td>
</tr>
<tr>
<td>Katrien Sonnevile</td>
<td>BA</td>
<td>University of Ghent</td>
<td>9/1/1999</td>
</tr>
<tr>
<td>Meghan Steed</td>
<td>BA</td>
<td>Hamilton College</td>
<td>5/27/1999</td>
</tr>
<tr>
<td>Andrew Sternberg</td>
<td>BA</td>
<td>University of Iowa</td>
<td>9/9/1999</td>
</tr>
<tr>
<td>Simona Supekhar</td>
<td>BA</td>
<td>Oberlin College</td>
<td>6/7/1999</td>
</tr>
<tr>
<td>Sarah Swain</td>
<td>BA</td>
<td>University of New Hampshire</td>
<td>6/7/1999</td>
</tr>
<tr>
<td>Tania Tam</td>
<td>BA</td>
<td>Northwestern University</td>
<td>6/14/1999</td>
</tr>
<tr>
<td>Sabra Thorner</td>
<td>BA</td>
<td>Georgetown University</td>
<td>5/12/1999</td>
</tr>
<tr>
<td>Michael Twitty</td>
<td>BA</td>
<td>Howard University</td>
<td>6/8/1999</td>
</tr>
<tr>
<td>Nilda Villalta</td>
<td>PhD</td>
<td>University of Maryland</td>
<td>6/7/1999</td>
</tr>
<tr>
<td>Lauren Weintraub</td>
<td>BA</td>
<td>Wesleyan University</td>
<td>6/2/1999</td>
</tr>
<tr>
<td>Elizabeth Weissenborn</td>
<td>BA</td>
<td>College of Wooster</td>
<td>5/17/1999</td>
</tr>
</tbody>
</table>

**Center for Latino Initiatives (CLI)**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>University</th>
<th>Start Date</th>
<th>End Date</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marianne Bueno</td>
<td>MA</td>
<td>University of Texas</td>
<td>6/7/1999</td>
<td>8/13/1999</td>
<td>Research and archival work on Chicanas, Mexican Americans, and Latina/os.</td>
</tr>
<tr>
<td>Name</td>
<td>Degree or Program</td>
<td>Institution</td>
<td>Dates</td>
<td>Activities and Roles</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>-------------------</td>
<td>-----------------------------------</td>
<td>----------------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Daniel Holland</td>
<td>BA</td>
<td>University of Washington</td>
<td>7/14/1999 to 9/24/1999</td>
<td>Exhibition assistant to the Center for Latino Initiatives for &quot;Transculturations: Fernando Ortiz' Los Instrumentos de la misila afrocubana and the Howard Family Collection of Percussion Instruments.&quot;</td>
<td></td>
</tr>
<tr>
<td>Shirley Brockett</td>
<td>AA Candidate</td>
<td>Montgomery College</td>
<td>6/10/1999 to 8/30/1999</td>
<td>Establish a database on museum training.</td>
<td></td>
</tr>
<tr>
<td>Jamie Canavan</td>
<td>BA Candidate</td>
<td>Bennington College</td>
<td>1/4/1999 to 2/5/1999</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Center for Museum Studies (CMS)</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amy Crabtree</td>
<td>BA</td>
<td>College of Charleston</td>
<td>6/7/1999 to 8/27/1999</td>
<td>Assist sculpture conservator with maintenance of all outdoor sculptures on plaza and sculpture garden. Work will include detergent washing, surface coatings application, and structural repairs. Intern will write professional &quot;treatment&quot; reports on computer and supplement reports with photographic documentation.</td>
<td></td>
</tr>
<tr>
<td>Rebecca Crumley</td>
<td>BA Candidate</td>
<td>Virginia Commonwealth University</td>
<td>6/7/1999 to 8/13/1999</td>
<td>Doing slide work of the permanent collection, rights and reproduction.</td>
<td></td>
</tr>
<tr>
<td>Emily Farrell</td>
<td>BA</td>
<td>Smith College</td>
<td>6/14/1999 to 8/20/1999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sarah Finlay</td>
<td>MA Candidate</td>
<td>George Washington University</td>
<td>5/12/1999 to 1/31/2000</td>
<td>To assist in the planning and implementation of several upcoming exhibitions at the Hirshhorn.</td>
<td></td>
</tr>
<tr>
<td>Rosanna Flory</td>
<td>MA Candidate</td>
<td>Emory University</td>
<td>10/7/1998 to 3/31/1999</td>
<td>Help coordinate a writer's workshop in conjunction with Chuck Close exhibition, and give museum tours concentrating on the contemporary collections.</td>
<td></td>
</tr>
<tr>
<td>Amy Hunter</td>
<td>BA</td>
<td>Connecticut College</td>
<td>9/7/1999 to 12/31/1999</td>
<td>Will be involved with research for exhibition planned for March 2000. Other activities will include coordinating writers' materials and luncheon for workshop.</td>
<td></td>
</tr>
<tr>
<td>Ashlenn Killeen</td>
<td>High School Degree Candidate</td>
<td>Madeira School</td>
<td>9/22/1999 to 6/30/2000</td>
<td>Providing support for docent program.</td>
<td></td>
</tr>
<tr>
<td>Eva McGovern</td>
<td>BA Candidate</td>
<td>Nottingham University</td>
<td>6/24/1999 to 8/24/1999</td>
<td>Cataloguing works and deaccessioning.</td>
<td></td>
</tr>
<tr>
<td>Nathalie Mikiszko</td>
<td>MA Candidate</td>
<td>University of Montreal</td>
<td>6/7/1999 to 8/13/1999</td>
<td>Working with the curator of sculpture doing research for future exhibitions.</td>
<td></td>
</tr>
<tr>
<td>Marija Nelson</td>
<td>BA Candidate</td>
<td>University of California</td>
<td>9/16/1999 to 12/15/1999</td>
<td>Working in collections, cataloging in Directions gallery.</td>
<td></td>
</tr>
</tbody>
</table>
Susan Novak  
**BA Candidate**  
Swarthmore College  
6/14/1999 to 8/13/1999  
Assisting Associate Curator Phyllis Rosenzweig with preparations for exhibits, exhibition proposals, research, etc.

Cira Pascual-Marquina  
**BA Candidate**  
Indiana University  
1/11/1999 to 6/30/1999  
Will assist Valerie Fletcher, Curator of Sculpture, with research, keeping curatorial files updated, and other duties.

Natalie Phillips  
**BA Candidate**  
University of the Pacific  
6/7/1999 to 8/13/1999

Jill Pihlaja  
**MA Candidate**  
University of the Arts  
6/4/1999 to 8/13/1999  
Sculpture Garden Tours, professional research on Leonardo Drew, development of Writer's Workshop on the subject of "beauty," Thursday night (special events) supervisor, development of college luncheon.

Amy Sung  
**BA Candidate**  
Georgetown University  
9/13/1999 to 12/31/1999  
Assisting in researching and installation of Ed Ruscha exhibition. Also, I will be helping to install Robert Gober exhibition.

Allyson Taylor  
**AA Candidate**  
Northern Virginia Community College  
6/7/1999 to 8/27/1999  
Assist conservator with annual maintenance of outdoor sculpture. Includes detergent washing, application of protective surface coatings, repainting, and structural repairs. Intern to write professional-style conservation reports for all treatments. Reports will be supplemented by photographic documentation. Some treatments will include indoor sculpture.

Melanie Weeks  
Research for permanent collection and for the anniversary exhibition "Regarding Beauty."  
10/28/1998 to 4/15/1999

Bethany Wolf  
**MA Candidate**  
Leicester University  
1/11/1999 to 5/31/1999

**Horticulture Services Division**

Graccann Caffio  
USDA Graduate School  
5/17/1999 to 9/3/1999  
Butterfly Habitat Garden: maintaining proper conditions for the plant and butterfly habitats, while observing the seasonal changes in butterfly populations and their life in the habitats.

Zachary Deluca  
**BA Candidate**  
Pennsylvania State University  
5/17/1999 to 8/13/1999  
Intern will work with the Interior Plant Program, maintaining tropical and seasonal flowering plants inside the museums, including watering, grooming, checking for pests and diseases. Will assist with the rotation of plants to and from the greenhouse to keep displays looking fresh.

Annie Donnelly  
**BA Candidate**  
University of Maryland  
9/7/1999 to 12/24/1999  
Assist the Entomologists with the development and implementation of the Integrated Pest Management Program, including identification of key pests; plants and their location; monitoring for early detection of problems; decision making on the need for control measures; development of a management strategy; and evaluation of the effectiveness of the program.

Brandy Jones  
**BA Candidate**  
Cornell University  
6/7/1999 to 8/20/1999  
Work with the horticulturists and gardeners in maintaining the Folger Rose Garden. This includes watering, weeding, fertilizing, pruning, dead-heading, and identifying and controlling pests and diseases. May also have the opportunity to work with botanical nomenclature by preparing text for labels.

Heewon Lee  
George Washington University  
1/11/1999 to 3/26/1999  
Intern will work with the artifact collection of garden furnishings, plant stands, Edwardian cases, posy holders, and floriculture memorabilia. Intern will conduct primary research in order to de-
velop exhibit concepts and label text in coordination with lists of objects, plants, and design that could comprise the exhibit.

Miles Lepping
BA Candidate
University of Maryland
6/7/1999 to 8/20/1999
Work with the Integrated Pest Management Program. Learn to identify and manage pest problems of ornamental plants and turf. Will also conduct research on the development of alternative, non-chemical pest control tactics.

Nancy McCloskey
AA Candidate
Montgomery College
6/1/1999 to 8/27/1999
Intern will work with the Integrated Pest Management Program to study and analyze insects, diseases, nematodes, and physiological problems on garden plants and to work with pest and garden management techniques.

Lisa McDonald
BA Candidate
Texas A&M University
6/1/1999 to 8/20/1999
Working in the greenhouses assisting in cultivation techniques, watering, weeding, grooming, pest control, fertilizing and the general care of plants.

Jennifer Park
BA Candidate
Oregon State University
6/21/1999 to 9/17/1999
Intern will work with the horticulturists and gardeners in maintaining the Enid A. Haupt Garden. This includes watering, weeding, fertilizing, grooming, and identifying and controlling pests and diseases on annuals, perennials, shrubs, and mixed plantings in urns and baskets. The intern will also have the opportunity to cultivate roses, formal parterres, and tropical plants in an outdoor setting.

Irina Poloumienko
BA
University of Guelph
5/10/1999 to 8/13/1999
Horticulture internship focusing on extension of Smithsonian Butterfly Garden.

Kirsten Scott
MA
Colorado State University
8/9/1999 to 11/26/1999
Review and revise the Horticulture Services Division series of Fact Sheets. Also be developing the text for the 2000 Orchid Show. Intern will work with the Chief, Horticulture Services Division, to prepare the text for the brochure to go with the Folger Rose Garden.

Hannah Sears
BA
Reed College
Intern will work with all aspects of the Orchid Collection. She will work with cultivation, recording growth and flowering habit, identification, verifying nomenclature, inventory and label production, and installation.

National Air and Space Museum

Megan Bradley
BA Candidate
University of Chicago
6/21/1999 to 8/27/1999
Research on nuclear facilities in the United States during the space race for the Department of Space History.

Jose Cervoni
BA Candidate
University of Maryland
6/1/1999 to 8/6/1999
The external preparation and polishing of aft fuselage section of the Enola Gay.

Yahmina Crews
High School Degree Candidate
How Things Fly Gallery.

Angelica Daneo
BA Candidate
University of Turin
8/2/1999 to 10/15 1999
Working with the National Air and Space Museum Archive, which has many works of art that need to be checked in order to properly place them. Will work with the National Museum of American Art on the upcoming exhibition concerning Edward Hopper.

Jennifer DiCapua
BA Candidate
University of Michigan
6/7/1999 to 8/13/1999
Research assistant to find recently declassified documents at the National Archives and Department of Energy Archives for a collective political biography of the three American physicists who created the hydrogen and atomic bombs.
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Dates</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jennifer Egloff</td>
<td>State University of New York</td>
<td>6/1/1999 to 8/30/1999</td>
<td>Working on the Explore the Universe Gallery, preparing labels and files for space artifacts.</td>
</tr>
<tr>
<td>Talia Eisenklam</td>
<td>American University</td>
<td>6/1/1999 to 8/6/1999</td>
<td>Assistance with reconfiguration of intern database, some coordination of Family Night and Brown Bag Lunch events.</td>
</tr>
<tr>
<td>Victoria Keener</td>
<td>Rice University</td>
<td>6/7/1999 to 8/13/1999</td>
<td>Restoration of aft fuselage section of the <em>Enola Gay</em> B-52.</td>
</tr>
<tr>
<td>Andrea Pippins</td>
<td>Temple University</td>
<td>6/7/1999 to 8/13/1999</td>
<td>Working on graphic design techniques on a project in the How Things Fly Gallery.</td>
</tr>
<tr>
<td>Brian Rice</td>
<td>University of Virginia</td>
<td>7/28/1999 to 8/30/1999</td>
<td>How Things Fly Resource Room Assistant.</td>
</tr>
<tr>
<td>Laura Segall</td>
<td>Rochester Institute of Technology</td>
<td>6/1/1999 to 8/30/1999</td>
<td></td>
</tr>
<tr>
<td>Maitreya Sims</td>
<td>University of Florida</td>
<td>6/1/1999 to 8/6/1999</td>
<td>Arranging lectures and seminars.</td>
</tr>
<tr>
<td>Nataliya Tintcheva</td>
<td>Washington University</td>
<td>6/1/1999 to 8/6/1999</td>
<td>Graphic design and exhibition design projects.</td>
</tr>
<tr>
<td>Miryam Bak</td>
<td>University of London</td>
<td>6/21/1999 to 8/27/1999</td>
<td>Assisting the Graphic Production specialists with silk screening needs pertaining to Hats and Kente exhibitions.</td>
</tr>
<tr>
<td>Shannon Brackett</td>
<td>Anacostia Senior High School</td>
<td>7/12/1999 to 8/31/1999</td>
<td></td>
</tr>
<tr>
<td>Dominique DjeDje</td>
<td>George Washington University</td>
<td>6/1/1999 to 8/13/1999</td>
<td>Assisting with the catalogue entry of the postcard collection in the Archives into SIRIS.</td>
</tr>
</tbody>
</table>

**National Museum of African Art**

- **Julia Young Kim**
  - BA Candidate
  - Johns Hopkins University
  - 6/7/1999 to 8/13/1999
  - Develop activities for children in conjunction with the exhibitions “Wrapped in Pride: Ghanian Kente and African American Identity” and “Hats Off: A Salute to African Headwear.”

- **Melissa McKenzie**
  - BA
  - University of Michigan
  - To assist Veronika Jenke in various educational projects.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position Description</th>
<th>Institution</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marion Norman</td>
<td>AA Candidate</td>
<td>Prince George's Community College</td>
<td>9/7/1999 to 11/12/1999</td>
</tr>
<tr>
<td></td>
<td>Studying African Art, its history and beauty and how it is exhibited. Interested in the background work that goes into the final exhibition.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Allison Wilson</td>
<td>BA</td>
<td>Brigham Young University</td>
<td>7/6/1999 to 8/13/1999</td>
</tr>
<tr>
<td></td>
<td>Assisting in the Registration Department with the remeasuring and recording of dimensions of collection objects in The Museum System (TMS), a collection management database.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ann Becker</td>
<td>MA Candidate</td>
<td>George Washington University</td>
<td>9/10/1999 to 4/2/2000</td>
</tr>
</tbody>
</table>

**National Museum of American Art**

<table>
<thead>
<tr>
<th>Name</th>
<th>Position Description</th>
<th>Institution</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peter Brownlee</td>
<td>PhD</td>
<td>George Washington University</td>
<td>9/10/1999 to 4/21/2000</td>
</tr>
<tr>
<td>Pamela Collins</td>
<td>BA Candidate</td>
<td>Salisbury State University</td>
<td>6/11/1999 to 8/6/1999</td>
</tr>
<tr>
<td></td>
<td>Assistance in implementation of new management software and other tasks in association with the Old Patent Office Building manager.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jessica Crittenden</td>
<td>BA</td>
<td>Randolph-Macon Woman's College</td>
<td>6/11/1999 to 8/6/1999</td>
</tr>
<tr>
<td></td>
<td>General assistance on all levels of the registrar's office.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Madeline Fairbanks</td>
<td>MA Candidate</td>
<td>Minneapolis College of Art and Design</td>
<td>6/7/1999 to 8/13/1999</td>
</tr>
<tr>
<td></td>
<td>Researching American artist George Catlin, in particular, developing a timeline for his life, putting into context events of his time. This would be in conjunction with other current documentation and new media.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Catherine Foster</td>
<td>BA</td>
<td>Bryn Mawr College</td>
<td>9/10/1999 to 4/2/2000</td>
</tr>
<tr>
<td>Amy Gotzler</td>
<td></td>
<td>American University</td>
<td>9/10/1999 to 4/21/2000</td>
</tr>
<tr>
<td>Rachel Horoschak</td>
<td>BA Candidate</td>
<td>Alfred University</td>
<td>6/11/1999 to 8/6/1999</td>
</tr>
<tr>
<td></td>
<td>Assistance on several library collections, as well as preparation for library move in association with the Old Patent Office building renovation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lauren Hutchinson</td>
<td>BA Candidate</td>
<td>Duke University</td>
<td>6/11/1999 to 8/6/1999</td>
</tr>
<tr>
<td></td>
<td>Assistance with preparations for a traveling exhibition on American impressionism.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kristen Kertsos</td>
<td></td>
<td></td>
<td>6/11/1999 to 8/6/1999</td>
</tr>
<tr>
<td></td>
<td>General assistance on all levels of the Registrar's Office.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sara Levitt</td>
<td>BA Candidate</td>
<td>Brigham Young University</td>
<td>6/11/1999 to 8/6/1999</td>
</tr>
<tr>
<td></td>
<td>Assisting curators on Latino collections and nineteenth-century collections and other general functions of the curator's office.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Levia Lew</td>
<td>BA Candidate</td>
<td>Randolph-Macon Woman's College</td>
<td>6/11/1999 to 8/6/1999</td>
</tr>
<tr>
<td></td>
<td>Assistance on exhibition &quot;Glass, Glorious Glass,&quot; and preparations for exhibition of the permanent collection.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### National Museum of American History

<table>
<thead>
<tr>
<th>Candidate</th>
<th>Degree/Candidate</th>
<th>Institution</th>
<th>Dates</th>
<th>Task Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carrie Ann Miller</td>
<td>BA Candidate</td>
<td>Salisbury State University</td>
<td>6/11/1999 to 9/10/1999</td>
<td>Assistance in general functions of the Public Affairs office and organizing a database of information involving 60 traveling exhibitions.</td>
</tr>
<tr>
<td>Maya Narkus-Kramer</td>
<td>BA Candidate</td>
<td>Maryland Institute–College of Art</td>
<td>6/11/1999 to 8/6/1999</td>
<td>Video production for traveling exhibition “Scenes of American Life,” as well as research, design, and production of a teachers’ study guide.</td>
</tr>
<tr>
<td>Mary Wang</td>
<td>BA Candidate</td>
<td>University of California–Berkeley</td>
<td>6/7/1999 to 8/13/1999</td>
<td>Working on three traveling shows: “Scenes of American Life,” “Young America,” and “Lure of the West.” Tasks include research and assistance in writing the exhibition labels.</td>
</tr>
<tr>
<td>Rebeca Ames</td>
<td>BA Candidate</td>
<td>Smith College</td>
<td>9/7/1999 to 12/17/1999</td>
<td>Research, organize, and compile database of the National Print Exhibitions—a sale of graphic arts at the Smithsonian from 1900–1970.</td>
</tr>
<tr>
<td>Kelly Anderson</td>
<td>BA Candidate</td>
<td>University of California–Davis</td>
<td>6/25/1999 to 8/28/1999</td>
<td></td>
</tr>
<tr>
<td>Donnalyn Anthony</td>
<td>BA Candidate</td>
<td>South Carolina State University</td>
<td>6/21/1999 to 8/13/1999</td>
<td>Researching the influences of African Americans on print and broadcasting media.</td>
</tr>
<tr>
<td>Emily Appel</td>
<td>High School Degree Candidate</td>
<td>Madeira School</td>
<td>9/22/1999 to 6/30/2000</td>
<td>Rehouse and organize record sheets of collection fabric and samples of ribbon; research; database entry; assist with quilt collections.</td>
</tr>
<tr>
<td>Kara Arzt</td>
<td>BA Candidate</td>
<td>College of William and Mary</td>
<td>5/25/1999 to 8/6/1999</td>
<td>Working with the Education Department on the “Our Story” Program, planning and researching for the program, as well as working with public relations.</td>
</tr>
<tr>
<td>Humaira Ashraf</td>
<td>High School Degree Candidate</td>
<td>Paint Branch High School</td>
<td>7/13/1999 to 8/15/1999</td>
<td>Assistant in radio and television editing.</td>
</tr>
<tr>
<td>Jordan Austin</td>
<td>BA Candidate</td>
<td>Salisbury State University</td>
<td>6/10/1999 to 8/10/1999</td>
<td>Inventory, research.</td>
</tr>
<tr>
<td>Angela Baccala</td>
<td>MA Candidate</td>
<td>University of Maryland–College Park</td>
<td>1/13/1999 to 5/14/1999</td>
<td>To “shadow” an Archives Center staff member; listening to reference requests, learning to answer routine questions, learning reference tools, and attending staff meetings.</td>
</tr>
</tbody>
</table>
LaShonda Barnett  PhD Candidate College of William and Mary African American History Project; indexing "From Field to Factory" exhibition.

Patrick Berry  BA Candidate George Washington University 9/7/1999 to 12/31/1999 Rehousing sports and entertainment collections.

Sara Bishop  BA Candidate Hope College Planning and implementing an Intern Seminar on a museum topic for other interns, and updating office publications dealing with the structure of the museum in order to obtain the final goal of gaining a better understanding of the internship office and museum structure.

Karen Bleier  BA Candidate Brandeis University 1/25/1999 to 4/22/1999 Researching donors (corporate, individual), creating database contracts, attending meetings, researching other institutions on their development process and donor cultivations.

Leigh Bond  BA Candidate Washington College 6/7/1999 to 8/20/1999 Background research on inventors and products in exercise machine history 1831–1950. Gathering data on biographies of inventors of these machines and the circumstances of their use in health clubs and gyms.

Kristin Bonette  High School Degree Candidate Landmark Career Academy 4/28/1999 to 5/27/1999 Helping with a variety of office tasks including phone, database, mailings and visitors.

Lauren Borchard  MA Candidate George Washington University 1/11/1999 to 5/31/1999 Working on Rock 'n Soul, an exhibition scheduled to open in Memphis in 2000. Includes fact checking, quote finding, and working on any other exhibition-readying tasks as assigned.


Alexis Bowens  BA Candidate Howard University 6/8/1999 to 8/9/1999 Intern will work with Niani Killkeny and Luvenia George to research the roles of African American women in jazz and Office of Sponsored Project's music. Will also assist in logging materials in the archives of the Program in African American Culture.

Audrey Bower  BA Candidate Harvard University 3/1/1999 to 5/31/1999 Working on the periodical archives, updating and preserving them.


Shelley Brooks  BA Candidate University of Richmond 5/13/1999 to 7/31/1999 Plan and develop lectures, brown-bag lunches, and trips for summer internship program, coordinate orientation for summer interns, develop intern directory and mailings, and other projects as they develop.

Alexander Chan  BA Candidate University of California–Davis 6/24/1999 to 8/27/1999 Historical research for doctoral fellow.

Zachary Changuris  BA Candidate Shepherd College Graphic design project: sign system for buildings, and exhibit design for American Legacies project.

Liana Chua  BA Candidate Trinity College, Oxford University 7/6/1999 to 9/17/1999 Research and assistance in various exhibitions by the Department of Cultural History ("Piano 300," "Flat-Top Guitar"), and the setting up of new public programs office.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Period</th>
<th>Activity Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melanie Clarke</td>
<td>BA</td>
<td>American University</td>
<td>2/16/1999 to 5/31/1999</td>
<td>Designing Web pages for the Archives Center Web site.</td>
</tr>
<tr>
<td>Maria Rose Colacurcio</td>
<td>BA</td>
<td>Whitworth College</td>
<td>1/5/1999 to 3/1/1999</td>
<td>Assisting Luvenia George and Alonzo Smith on Duke Ellington Youth Festival research and other research projects.</td>
</tr>
<tr>
<td>Jerry Colley</td>
<td>BA</td>
<td>Wake Forest University</td>
<td>5/24/1999 to 7/16/1999</td>
<td>Sports and Leisure—U.S. Olympic exhibit, rehousing items from other exhibits, catalog items into computer.</td>
</tr>
<tr>
<td>M. Soledad Correa</td>
<td></td>
<td></td>
<td>1/11/1999 to 5/7/1999</td>
<td>Gain experience in the general work of a paper conservation lab.</td>
</tr>
<tr>
<td>Leo Crane</td>
<td>BA</td>
<td>Oxford University</td>
<td>7/6/1999 to 11/5/1999</td>
<td>Helping with current projects in Public Affairs.</td>
</tr>
<tr>
<td>Viviana Cristian</td>
<td>PhD</td>
<td>Catholic University of America</td>
<td>5/28/1999 to 8/30/1999</td>
<td>Working with Dr. Ahlborn on a project involving religious objects located in the gift shop of the Basilica shrine dealing with Asian Indians.</td>
</tr>
<tr>
<td>Carrie A. Croucher</td>
<td>BA</td>
<td>College of the Holy Cross</td>
<td>1/20/1999 to 4/23/1999</td>
<td>To study indigenous visual and textual productions of Hawaiian artifacts, and assisting with primary research and examining and writing up reports on materials.</td>
</tr>
<tr>
<td>Helen Daniels</td>
<td>BA</td>
<td>California Lutheran University</td>
<td>9/13/1999 to 12/1/1999</td>
<td>Design Intern for Innovative Lives Project Exhibit for Lemelson Center.</td>
</tr>
<tr>
<td>Erika Davis</td>
<td>BA</td>
<td>Xavier University</td>
<td>6/7/1999 to 8/13/1999</td>
<td>Conduct research on African American expatriates in Europe, to be used in planning a future public program.</td>
</tr>
<tr>
<td>Elizabeth Davison</td>
<td>BA</td>
<td>University of Virginia</td>
<td>3/15/1999 to 3/19/1999</td>
<td>To get a general overview of the National Museum of American History from the administration to the archives. This internship is to serve as an introduction to the field of museum studies.</td>
</tr>
<tr>
<td>Patece Dean</td>
<td>MA</td>
<td>Howard University</td>
<td>10/1/1998 to 5/9/1999</td>
<td></td>
</tr>
<tr>
<td>Preston Denson</td>
<td>BA</td>
<td>Howard University</td>
<td>6/3/1999 to 9/13/1999</td>
<td>Developing educational programs with the Program for African American Culture.</td>
</tr>
<tr>
<td>Anthoney Dimos</td>
<td>BA</td>
<td>University of Chicago</td>
<td>6/21/1999 to 8/27/1999</td>
<td>Write about and research the life of Charles Dhalgreen.</td>
</tr>
<tr>
<td>Cybele Dreskin</td>
<td>BA</td>
<td>Washington University</td>
<td>2/2/1999 to 5/31/1999</td>
<td>Collections management assistant. Working with collection cataloguing information, entering data, assisting staff in research, creating object lists. Assisting with cataloguing and research on the Muybridge Collection for upcoming exhibition.</td>
</tr>
</tbody>
</table>
Kristina DuRocher
BA Candidate
Michigan State University
5/9/1999 to 6/30/1999
Involved with the Rock 'n' Soul exhibition and will work with Pete Daniel on other projects. Attend Rock 'n' Soul meetings, do research at the Library of Congress and National Archives and keep up project files.

Elizabeth Eckstein
BA Candidate
University of Virginia
6/28/1999 to 8/6/1999

Christopher Eichler
BA Candidate
Tufts University
6/7/1999 to 8/10/1999
Working with exhibit space design, surveying visitors.

Erin Eisenbarth
BA Candidate
University of Texas–Austin
6/7/1999 to 7/2/1999
Historical research into the backgrounds of the original owners of outfits in the costume collection, 1910–1918.

Thomas Eisinger
MA Candidate
University of Maryland –College Park
1/20/1999 to 8/13/1999
Processing the Bickel papers. Bickel was one of the more prolific inventors of the twentieth century.

Jennifer Feldman
BA Candidate
American University
1/22/1999 to 4/22/1999
Restoration of H and H Automat. Repair of marble, including cleaning and polishing.

Rebecca Fifield
MA Candidate
George Washington University
1/19/1999 to 4/30/1999
Research and document selected 1830s women’s costumes in the National Museum of American History collection.

Michelle Flatman
BA Candidate
University of California–Davis
6/24/1999 to 8/31/1999
Helping with exhibition on History of Medical Sciences and helping with editing a book on history of prosthetics.

Tuliza Fleming
Research Assistant to the Archives of American History.
7/6/1999 to 12/31/1999

Andrew Foltz
BA Candidate
Warner Pacific College
9/27/1999 to 12/15/1999
Conducting primary research for a book on the Washington Monument.

Amy Gallagher
BA
Louisiana State University
2/2/1999 to 7/31/1999
Identification and analysis of coverlets. Additional cataloguing projects.

John Gibson
PhD Candidate
Wake Forest University –School of Medicine
5/24/1999 to 7/30/1999
Working on “West Point” and “Westward Expansion.”

Desiree Girelle
BA Candidate
George Mason University
1/13/1999 to 1/31/2000
Digital imaging lab; scan archive photos into computer and help coordinate future intern procedure to convert photos to digital.

Scott Gotschall
BA Candidate
Indiana University
6/14/1999 to 8/30/1999
File and organize musical scores and parts, then review specific musical selections and make specified edits of performance pieces.

Anja Grater
BA
University of Stuttgart
8/2/1999 to 9/30/1999
Translation of German on artifacts.

Andrew Hall
BA Candidate
University of Virginia
6/17/1999 to 8/30/1999

Jeannie Han
High School Degree Candidate
Barrie School
1/20/1999 to 3/10/1999
Go all over the museum in search of old people. It has to do with the UN project of old persons.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Dates</th>
<th>Activities</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kimberly Hase</td>
<td>MA</td>
<td>State University of New York–Brockport</td>
<td>7/1/1999 to 8/27/1999</td>
<td>Assist with the Star-Spangled Banner Web site development.</td>
</tr>
<tr>
<td>Sarah Haviland</td>
<td>BA</td>
<td>Michigan State University</td>
<td>5/10/1999 to 6/30/1999</td>
<td>Member of “Rock ‘n’ Soul” exhibition. Research at Library of Congress and National Archives. Attend meetings and keep up files on the project and other projects with Pete Daniel involving research and collections.</td>
</tr>
<tr>
<td>Amy Henderson</td>
<td>PhD</td>
<td>University of Delaware</td>
<td>6/8/1999 to 8/6/1999</td>
<td>To develop a bibliography of journals, published letters, and novels from 1775–1825. to identify passages that refer to appearance, fashion, clothing, textiles, and household activities related to the same, and passages that reveal attitudes about gender conditions. This will provide background for research on the Copp collection.</td>
</tr>
<tr>
<td>Candace Hewitt</td>
<td>BA</td>
<td>Smith College</td>
<td>9/7/1999 to 12/17/1999</td>
<td>African American Communities project focus on Black military history and African American culture in the 1930s and 1940s (specifically Catherine Dunham’s works and WPA theater.</td>
</tr>
<tr>
<td>Julie Hoskin</td>
<td>BA</td>
<td>Appalachian State University</td>
<td>4/20/1999 to 7/16/1999</td>
<td>Ethnic Imagery Project.</td>
</tr>
<tr>
<td>Melodee Hotai</td>
<td>BA</td>
<td>University of California —Los Angeles</td>
<td>9/14/1999 to 12/8/1999</td>
<td>Star-Spangled Banner Project. Work with senior educator and research, create and develop a distance learning program for middle school students about the Star-Spangled Banner.</td>
</tr>
<tr>
<td>Amy Howton</td>
<td>MA</td>
<td>University of Cincinnati</td>
<td>6/21/1999 to 7/30/1999</td>
<td>Researching the role that quilts—made by slave women—played in the Underground Railroad as a form of resistance. I plan on coordinating this project later on with the upcoming Underground Railroad celebration in Cincinnati, Ohio. I will also be designing the program for the Martin Luther King celebration in January 2000.</td>
</tr>
<tr>
<td>Annette Isgitt</td>
<td>BA</td>
<td>State University Natchitoches</td>
<td>8/30/1999 to 11/30/1999</td>
<td>Research on beginnings of Buffalo soldiers and current life of surviving members.</td>
</tr>
<tr>
<td>Kimberly Kahne</td>
<td>BA</td>
<td>Smith College</td>
<td>9/7/1999 to 12/17/1999</td>
<td>Popular music from the 1930s to the 1970s.</td>
</tr>
<tr>
<td>Chad Kannady</td>
<td>BA</td>
<td>Wichita State University</td>
<td>1/19/1999 to 5/1/1999</td>
<td>Intern will inventory the firearms and edged weapons, rehouse the pistol collection, and assist with research and other curatorial duties.</td>
</tr>
<tr>
<td>Suzanne Karr</td>
<td>BA</td>
<td>Brown University</td>
<td>6/7/1999 to 7/30/1999</td>
<td>Assisting with a pressed glass catalog via search for relevant photographs as comparisons, assisting with data entry and file update, and assisting as recorder, with the Ceramics Hall take-down.</td>
</tr>
<tr>
<td>Name</td>
<td>Degree/Candidate</td>
<td>Institution</td>
<td>Start/End</td>
<td>Details</td>
</tr>
<tr>
<td>-----------------</td>
<td>------------------</td>
<td>------------------------------------</td>
<td>-------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Laurie Kelleher</td>
<td>BA Candidate</td>
<td>College of the Holy Cross</td>
<td>9/20/1999 to 11/30/1999</td>
<td>Working with Dr. Ahlborne to prepare religious medals for cataloging and display.</td>
</tr>
<tr>
<td>Laura Keller</td>
<td>BA</td>
<td>University of Maryland</td>
<td>9/7/1999 to 12/31/1999</td>
<td>Enrichment program. Assist in Intern and Fellowship Office.</td>
</tr>
<tr>
<td>Soo-Yeon Kim</td>
<td>BA Candidate</td>
<td>American University</td>
<td>6/9/1999 to 8/6/1999</td>
<td>“Showtime” project; exhibiting posters and photographs related to American entertainment over the past hundred years (including circus, event, games, shows, etc.).</td>
</tr>
<tr>
<td>Kathleen Knowles</td>
<td>BA Candidate</td>
<td>Corcoran College of Art and Design</td>
<td>7/6/1999 to 9/15/1999</td>
<td>Assist senior exhibition designer with new installation of “On Time” exhibition. Refinement of architectural drawings, verification of layout, supplies/materials ordered, review bids, and any other duties required.</td>
</tr>
<tr>
<td>Swantje Lahm</td>
<td>MA Candidate</td>
<td>Johns Hopkins University</td>
<td>6/2/1999 to 7/31/1999</td>
<td>Go through collections of advertising history and look for ethnic imagery.</td>
</tr>
<tr>
<td>Jennifer Lamping</td>
<td>BA Candidate</td>
<td>University of Michigan</td>
<td>6/1/1999 to 8/13/1999</td>
<td>Orientation leader, as well as possibly aiding Steven Fisher in Design and Planning once a week.</td>
</tr>
<tr>
<td>Trisha Laski</td>
<td>MA Candidate</td>
<td>University of Maryland</td>
<td>9/20/1999 to 12/13/1999</td>
<td>Work on finding aid/database for objects in Women’s History Collection, work with the Women’s History Document Collection (including organizing documents) and general assistance with collections management activities in Political History Collection.</td>
</tr>
<tr>
<td>Sonya Lawyer</td>
<td>AA Candidate</td>
<td>Montgomery College</td>
<td>9/20/1999 to 12/15/1999</td>
<td>Responsible for a variety of traditional and photographic formats in digital and electronic photographic media. Working with primary photographs on projects dealing in copy and illustration.</td>
</tr>
<tr>
<td>Joan Layne</td>
<td>MA Candidate</td>
<td>University of South Alabama</td>
<td>2/1/1999 to 5/31/1999</td>
<td>Research on a book about the first monument to a president.</td>
</tr>
<tr>
<td>Shin-Fen Lee</td>
<td>MA Candidate</td>
<td>New School University</td>
<td>2/3/1999 to 5/14/1999</td>
<td>Exhibition design project, to learn how to conduct exhibit designs.</td>
</tr>
<tr>
<td>Suzanne Lewis</td>
<td>BA</td>
<td>University of Cape Town</td>
<td>4/5/1999 to 8/31/2000</td>
<td>Collections Management; cataloging, arranging photographic files, research in documentary collections.</td>
</tr>
<tr>
<td>Name</td>
<td>Degree</td>
<td>Institution</td>
<td>Start Date</td>
<td>End Date</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------</td>
<td>--------------------------------</td>
<td>------------</td>
<td>------------</td>
</tr>
<tr>
<td>Abena Lewis</td>
<td>BA</td>
<td>Howard University</td>
<td>6/7/1999</td>
<td>8/30/1999</td>
</tr>
<tr>
<td>Thea Agape Lim</td>
<td>BA</td>
<td>McGill University</td>
<td>6/7/1999</td>
<td>8/13/1999</td>
</tr>
<tr>
<td>Rebecca Lynch</td>
<td>BA</td>
<td>Boston University</td>
<td>1/25/1999</td>
<td>4/22/1999</td>
</tr>
<tr>
<td>Hilary Lynch</td>
<td>BA</td>
<td>Pepperdine University</td>
<td>5/3/1999</td>
<td>7/7/1999</td>
</tr>
<tr>
<td>Jeffrey Lynch</td>
<td>BA</td>
<td>Wentworth Institute of Technology</td>
<td>2/1/1999</td>
<td>5/3/1999</td>
</tr>
<tr>
<td>Lenka Makalova</td>
<td>AA</td>
<td>Montgomery College</td>
<td>2/2/1999</td>
<td>7/31/1999</td>
</tr>
<tr>
<td>Melanie Martens</td>
<td>MA</td>
<td>University of Toronto</td>
<td>6/1/1999</td>
<td>8/30/1999</td>
</tr>
<tr>
<td>Sara Martin</td>
<td>BA</td>
<td>University of California – Santa Barbara</td>
<td>3/1/1999</td>
<td>8/31/1999</td>
</tr>
<tr>
<td>Kimberly McCray</td>
<td>BA</td>
<td>Saint Michael’s College</td>
<td>5/25/1999</td>
<td>8/6/1999</td>
</tr>
<tr>
<td>Emily McDonough</td>
<td>BA</td>
<td>University of Florida</td>
<td>5/24/1999</td>
<td>8/15/1999</td>
</tr>
<tr>
<td>Meg McGinn</td>
<td>BA</td>
<td>Skidmore College</td>
<td>6/14/1999</td>
<td>8/7/1999</td>
</tr>
<tr>
<td>Name</td>
<td>Degree</td>
<td>Institution</td>
<td>Start/End</td>
<td></td>
</tr>
<tr>
<td>-----------------</td>
<td>--------</td>
<td>---------------------------------------------</td>
<td>-------------------------</td>
<td></td>
</tr>
<tr>
<td>Devon McPhee</td>
<td>BA</td>
<td>University of Michigan</td>
<td>6/1/1999 to 7/31/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Create 1999 &quot;Smithsonian Internship Opportunities&quot; book for the museum of American History</td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Mish</td>
<td>BA Candidate</td>
<td>Yale University</td>
<td>6/2/1999 to 8/13/1999</td>
<td></td>
</tr>
<tr>
<td>Laura Munro</td>
<td>BA Candidate</td>
<td>Pennsylvania State University</td>
<td>5/24/1999 to 7/30/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Malloy Labor Collection, general collections management assistance, cataloguing and rehousing, sorting documents collection.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Frank Murphy</td>
<td>BA</td>
<td>Bloomsburg University</td>
<td>1/19/1999 to 5/1/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Working on the Office of Information Technology's Web page, utilizing the Technology Archives for research.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jason Myers</td>
<td>BA Candidate</td>
<td>Portland State University</td>
<td>3/29/1999 to 6/6/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Exploring the themes, values, ideas that have become a part of the African American (and American) world view that has its basis in African folkloric traditions.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Viet Nguyen</td>
<td>BA Candidate</td>
<td>Duke University</td>
<td>6/7/1999 to 8/30/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>The Legacy of Jim Henson in twentieth-century pop culture.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Midori Okazaki</td>
<td>MA Candidate</td>
<td>Western Washington University</td>
<td>4/5/1999 to 6/1/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assist in implementation of National Museum of American History Electronic records project and maintenance of on-line collection finding aids. Will also process additions to Kliman Jazz photo collection.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jennifer O'Keefe</td>
<td>BA Candidate</td>
<td>University of Delaware</td>
<td>6/7/1999 to 8/27/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Researching the image of women in nineteenth- and twentieth-century military.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charity Oliver</td>
<td>BA Candidate</td>
<td>University of Maryland</td>
<td>5/24/1999 to 7/14/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Working with sports equipment, baseball cards, Stall and Dean collection.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kristen Ostheimer</td>
<td>MA</td>
<td>Northeastern University</td>
<td>9/13/1999 to 12/14/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nobel exhibition: script development and research on audiovisual materials to be used in the exhibition.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leigh O'Sullivan</td>
<td></td>
<td>Smith College</td>
<td>9/7/1999 to 12/7/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research on Women's Dress Collection from 1840–1860.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Priya Patel</td>
<td>BA Candidate</td>
<td>Claremont McKenna College</td>
<td>6/2/1999 to 7/31/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Researching lecture discussions stemming from the life and work of W.E.B. DuBois.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shanon Peterson</td>
<td>BA</td>
<td>Texas A&amp;M University</td>
<td>6/1/1999 to 8/6/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>National benchmarking studies, strategic planning and audience plan studies, and other projects in the planning office and other offices.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kyle Plummer</td>
<td>BA Candidate</td>
<td>Wentworth Institute of Technology</td>
<td>2/1/1999 to 5/5/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Help design and work with Tom Kennard designing the welcome center; making models, sketches, and office work. Also, work with other designers in the design offices to assist in smaller projects.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Michelle Pollak</td>
<td>BA Candidate</td>
<td>American University</td>
<td>5/24/1999 to 8/11/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Public Relations intern.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lee Puterbaugh</td>
<td>BA Candidate</td>
<td>Western Maryland College</td>
<td>5/4/1999 to 6/15/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assistance with creation of Digital Imaging Lab.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Degree</td>
<td>Institution</td>
<td>Dates</td>
<td>Description</td>
</tr>
<tr>
<td>-----------------------</td>
<td>------------</td>
<td>--------------------------------------------------</td>
<td>------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Fiorella Remus</td>
<td>BA Candidate</td>
<td>Universidad Nacional Autonomo de Mexico</td>
<td>6/15/1999 to 8/15/1999</td>
<td>Classification and description of photographic collections.</td>
</tr>
<tr>
<td>Ted Ririe</td>
<td>BA Candidate</td>
<td>Brigham Young University</td>
<td>5/4/1999 to 8/12/1999</td>
<td>Research project on the development of electrophoresis equipment.</td>
</tr>
<tr>
<td>Laura Robbins</td>
<td>BA Candidate</td>
<td>University of Pennsylvania</td>
<td>6/17/1999 to 8/7/1999</td>
<td>Doing research on Mexicans and Mexican-Americans and how American culture treated them between 1880–1910.</td>
</tr>
<tr>
<td>Todd Robinson</td>
<td>MA Candidate</td>
<td>University of Massachusetts</td>
<td>6/7/1999 to 8/13/1999</td>
<td>Background research on inventors and products in exercise machine history. Research data on the biographies of inventors, as well as on the circumstances of their use in health clubs and gymnasiums.</td>
</tr>
<tr>
<td>Kara Ryan</td>
<td>BA Candidate</td>
<td>James Madison University</td>
<td>6/1/1999 to 8/12/1999</td>
<td>Wide range of curatorial experience.</td>
</tr>
<tr>
<td>Alexis Saarela</td>
<td>BA Candidate</td>
<td>Smith College</td>
<td>9/7/1999 to 12/17/1999</td>
<td>Ethnic Imagery in the Landscape of Commerce: research in Archives and advertising collection for this project.</td>
</tr>
<tr>
<td>Mia Schafer</td>
<td>Assistant to the senior exhibit designer.</td>
<td></td>
<td>6/29/1999 to 8/31/1999</td>
<td></td>
</tr>
<tr>
<td>Elizabeth Schmidt</td>
<td>BA Candidate</td>
<td>Wellesley College</td>
<td>5/24/1999 to 7/10/1999</td>
<td>“Piano 300” is a multifaceted, pan-Institutional project celebrating the 300th anniversary of the invention of the piano.</td>
</tr>
<tr>
<td>Julie Schumaker</td>
<td>PhD Candidate</td>
<td>George Washington University</td>
<td>6/14/1999 to 9/17/1999</td>
<td>Collections management for Domestic Life Collection—accessioning, cataloging, numbering, and housing projects. Historic research and interpretation of objects, pictures, and narrative to assist in the development of outreach products, such as a brochure, an exhibition, a public program, and a publication. Exhibition development and maintenance of “After the Revolution” and “Ipswich House.”</td>
</tr>
<tr>
<td>John J. Sertich, Jr.</td>
<td>MA Candidate</td>
<td>University of Maryland</td>
<td>1/19/1999 to 5/24/1999</td>
<td>Assisting on project management for Americanos exhibit; research for catalogue for collegiate legacy; data entry for African American Index.</td>
</tr>
<tr>
<td>Patrick Shea</td>
<td></td>
<td></td>
<td>10/5/1998 to 9/30/1999</td>
<td></td>
</tr>
<tr>
<td>Rosalind Shipley</td>
<td>BA Candidate</td>
<td>Maryland Institute</td>
<td>1/27/1999 to 5/15/1999</td>
<td>Assisting with collections research, organization, rehousing, and cataloging of photographs in the History of Technology Department.</td>
</tr>
<tr>
<td>Rebecca Short</td>
<td>BA Candidate</td>
<td>University of Maryland</td>
<td>9/2/1999 to 11/30/1999</td>
<td>Analysis of letters, correspondence, journals, and official and personal records of Buffalo Soldiers, Native Americans, and Euro-Americans to understand their perceptions of one another.</td>
</tr>
<tr>
<td>Name</td>
<td>Degree/Candidate</td>
<td>Institution</td>
<td>Dates</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>------------------</td>
<td>-------------------------------</td>
<td>------------------------</td>
<td></td>
</tr>
<tr>
<td>Chad Shuskey</td>
<td>BA Candidate</td>
<td>Hiram College</td>
<td>5/17/1999 to 8/14/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emily Sloan</td>
<td>BA</td>
<td>Amherst College</td>
<td>9/15/1999 to 12/31/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>David Smolen</td>
<td>MA Candidate</td>
<td>University of Maryland</td>
<td>1/13/1999 to 5/31/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>-College Park</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emily Spates</td>
<td>BA Candidate</td>
<td>University of California–Davis</td>
<td>9/14/1999 to 12/3/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Karolina Steinijans</td>
<td>BA Candidate</td>
<td>Frankfurt University</td>
<td>6/1/1999 to 7/12/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Matthew Stephenson</td>
<td></td>
<td>Oxford University</td>
<td>3/1/1999 to 6/1/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caeli Thibeault</td>
<td>High School Degree Candidate</td>
<td>Carbondale Community High School</td>
<td>3/15/1999 to 3/19/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jose Torres</td>
<td>MA Candidate</td>
<td>University of Texas–San Antonio</td>
<td>6/1/1999 to 7/26/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melissa Upson</td>
<td>BA Candidate</td>
<td>Wheaton College</td>
<td>1/4/1999 to 1/29/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jaime Vazquez</td>
<td>BA Candidate</td>
<td>University of Michigan</td>
<td>5/24/1999 to 8/14/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Emilie Volkert</td>
<td>BA Candidate</td>
<td>Ohio University</td>
<td>6/17/1999 to 8/30/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elaine Wang</td>
<td>BA Candidate</td>
<td>Tufts University</td>
<td>7/1/1999 to 8/13/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amy Kate Watia</td>
<td>MA Candidate</td>
<td>University of Michigan</td>
<td>6/7/1999 to 8/13/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Carrie Watts</td>
<td>BA</td>
<td></td>
<td>1/25/1999 to 5/15/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laura Weber</td>
<td>BA Candidate</td>
<td>Columbia University</td>
<td>6/1/1999 to 7/30/1999</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research intern.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Douglas Weiss  
BA Candidate  
Research project on genetic treatment  
Carleton College  
6/14/1999 to 8/7/1999  

Noah Buck Wester  
BA  
Web site work.  
University of Maryland -College Park  
5/4/1999 to 6/1/1999  

Antonio Williams  
BA Candidate  
Research assistant helping organize papers of Dorothy Hyatt.  
Macalester College  
6/7/1999 to 7/31/1999  

Christine Winkler  
BA Candidate  
Database research on the Trade Catalogue History of the American sewing machine.  
Giessen University  
7/19/1999 to 8/13/1999  

Sarah Wintle  
BA Candidate  
Constructing a finding guide to a portion of the Reform Movements Collections in the division of Social History.  
Smith College  
9/7/1999 to 12/17/1999  

Catherine Wolfe  
BA Candidate  
"Paint by Number" Exhibition.  
University of California–Davis  
9/14/1999 to 12/3/1999  

Leah Woodward  
BA Candidate  
Florida A&M University  
6/15/1999 to 7/29/1999  

Katherine Worboys  
BA Candidate  
Duke University  
5/27/1999 to 8/30/1999  

National Museum of Natural History

Catherine Adams  
BA Candidate  
Research on photographs of North American Indians.  
George Washington University  
6/1/1999 to 12/31/1999  

Ana Agreda  
BA  
Project will examine microscopic feather structures of two species of birds (anatini vs. aythyni) in the Anatidae family. The purpose of this examination is to compare the feather structures in diving and non-diving ducks in order to provide information relating to the functionality of these structures.  
Catholic University in Quito  
5/31/1999 to 8/8/1999  

Beatrix Arendt  
BA  
Working on a project at the National Museum of Natural History.  
Emory University  
9/15/1999 to 12/31/1999  

Hamilton Beltran  
MA  
Floristic studies at the Lower Urubamba, Cusco, Peru.  
6/15/1999 to 6/29/1999  

Alexander Benitez  
PhD Candidate  
University of Texas–Austin  
1/19/1999 to 5/4/1999  

David Bennett  
MA Candidate  
Participation in geographic information systems and computer mapping projects for the scientific staff at National Museum of Natural History.  
Clark University  
6/2/1999 to 8/15/1999  

Erin Bishop  
BA Candidate  
Systematic investigation of Pleuronectiformes (flat fish).  
Coastal Carolina University  
5/17/1999 to 8/15/1999  

Sydella Blatch  
BA Candidate  
A biodiversity study on Costa Rican flower flies (Diptera syrphidae) that describes and analyzes these flies and leads to both a traditional scientific paper as well as a Web publication.  
University of Maryland -College Park  
5/29/1999 to 8/8/1999
Illustration research of photographs for the Handbook project on the Southeast volume; also, research on photographers and historical data relating to North American Indian photographs.

Robin Brown BA Candidate University of Florida 5/17/1999 to 8/15/1999
Cataloging the 1978 film project “Film Studies of Traditional Tibetan Life and Culture: Ladakh, India, 1978.”

Krista Cadavero BA Candidate Columbia Union College 9/15/1999 to 8/31/2000
Stable isotopic analysis of plankton foraminifera species in the mid-Cretaceous examining the oceanic anoxic event at the Cenomanian boundary.

Nicole Campos BA Candidate California State University –Sacramento 5/29/1999 to 8/8/1999
Using published field reports and copies of Georgia state field records, the researcher will develop a set of material criteria that can be used to effectively separate utilitarian from funerary objects at Etowah, based on items of known provenience.

Laura E. Cannon High School Degree Candidate Barrie School 1/6/1999 to 3/3/1999
Assisting with various curatorial duties to include data basing the Noctuidae collection, transferring specimens to soft-bottomed unit trays, organizing genitalia slide collection, and organization and curation of collections.

Sulema Castro BA Candidate University of Texas –Brownsville 5/29/1999 to 8/8/1999
Morphological investigation on Bermuda Killfish populations.

Min-Yuen Cynthia Cheung BA Candidate University of Oklahoma 5/29/1999 to 8/8/1999
An investigation of the relationships of Brittanichthyis, a characiform fish from South America.

Natasha Cobb BA Candidate College of Charleston 1/4/1999 to 1/18/1999

Andrea Coleman BA Candidate New Mexico State University 1/4/1999 to 1/18/1999
Studying Pacific Ocean Coral Reef sea cucumbers.

Sarah Corbett BA Candidate Valdosta State University 5/29/1999 to 8/8/1999
Examining the anatomy of the genus Commelina and comparing with leaf anatomy of the genus in order to determine taxonomic use of these structures.

Assisting with various curatorial duties to include data basing the Noctuidae collection, transferring specimens to soft-bottomed unit trays, organizing genitalia slide collection, and organization and curation of collections.

Kristi Fortschneider BA Candidate Beloit College 1/28/1999 to 5/7/1999

Laura Fry BA Candidate Rhode Island School of Design 6/28/1999 to 8/31/1999
Intern will 1) ink illustrations of Burgess Shale animals for possible use in Smithsonian exhibition “The Burgess Shale: Evolution’s Big Bang,” 2) rehouse nineteenth-century illustrations of dinosaurs, and 3) prepare children’s drawing of triceratops for exhibit.

Nick Garland BA Candidate University of Kentucky 5/29/1999 to 8/8/1999
A qualitative and quantitative analysis of plant-insect associations on a Lower Permian redbed flora from north-central Texas.

Aspen Garry BA Candidate University of Arizona 5/29/1999 to 8/8/1999
Investigation of deep southern ocean photographs to determine fish microhabitats.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>LeeAnn Gennett</td>
<td>BA</td>
<td>William Paterson University</td>
<td>Research on George Catlin’s paintings.</td>
</tr>
<tr>
<td>Beau Goldstein</td>
<td>MA Candidate</td>
<td>Arizona State University</td>
<td>Explorations in forensic anthropology.</td>
</tr>
<tr>
<td>Crystal Gonzales</td>
<td>BA Candidate</td>
<td>University of New Mexico</td>
<td>Activity-based learning. Developing experiential opportunities for families with children ages 7–11 in the permanent exhibits halls of the National Museum of Natural History and in the museum's Discovery Room.</td>
</tr>
<tr>
<td>Eleanor Grimm</td>
<td>High School Degree Candidate</td>
<td>George Mason High School</td>
<td>Production of chronology of approximately 10,000 ethnographic/travel slides by Charles Webb, and reorganization of collection based on findings.</td>
</tr>
<tr>
<td>Becki Grove</td>
<td>MA Candidate</td>
<td>George Washington University</td>
<td>Analysis of dental pathology in a sample of prehistoric Sudanese skeletal remains from the necropolis of Geili.</td>
</tr>
<tr>
<td>Samuel Hall</td>
<td>BA</td>
<td></td>
<td>GIS intern; assisting on projects involving geographic information systems including digitizing, database entry, editing, and visualization.</td>
</tr>
<tr>
<td>Jessica Hansbrough</td>
<td>BA Candidate</td>
<td>University of Chicago</td>
<td>Updating and computerizing descriptions of several thousand images of Eastern N. American Indians predating 1860.</td>
</tr>
<tr>
<td>Patricia Harflinger</td>
<td>BA Candidate</td>
<td>University of Vienna</td>
<td>Daily care and maintenance of arthropod exhibits. Working with the public through presentations and handling of live insects.</td>
</tr>
<tr>
<td>Noel Heim</td>
<td>BA Candidate</td>
<td>University of Chicago</td>
<td>Developing a test for identifying plants from single or partial leaf specimens. This test will allow paleobotanists to determine how accurate their plant (fossil and living) identification skills are.</td>
</tr>
<tr>
<td>Taneika Hughes</td>
<td>BA Candidate</td>
<td>Howard University</td>
<td>Exploration and documentation of the selection process believed to determine the reasoning behind inconsistent removal of remains from a former burial yard in St. Johnsbury, Vermont. Perhaps the presence of pathologies, a fear of the deaths, supernatural beliefs, and associated customs—maybe even witchcraft.</td>
</tr>
<tr>
<td>Javier Icochea</td>
<td>Revision of amphibians and reptiles from Urubamba Lower River, Cusco, Peru.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Erin Jandebeur</td>
<td>BA</td>
<td>San Diego State University</td>
<td>Media events and press releases, specifically working on the Viking exhibition opening April 2000.</td>
</tr>
<tr>
<td>Anne Jefferson</td>
<td>BA Candidate</td>
<td>Johns Hopkins University</td>
<td>The project will be sedimentological and morphological analyses of the Holocene Rio Grande Delta, in Texas and Mexico. The focus will be on fluvial channel meandering and distinguishing Holocene from Pleistocene deposits.</td>
</tr>
<tr>
<td>Melissa Jensen</td>
<td>BA Candidate</td>
<td>Cornell University</td>
<td>Species turnover in the Oecophorid moths of Plumbers Island, in association with vegetational succession.</td>
</tr>
</tbody>
</table>
Kristen Johnson  
BA Candidate  Washington University  5/17/1999 to 7/30/1999  
Work on the preparation of mammal specimens for installation into the collection including necropsy, and skeletal cleaning.

Meredith Kilduff  
BA  1/18/1999 to 7/5/1999  
Working on research for the Handbook of North American Indians project.

Christopher Knouss  
MA Candidate  University of Maryland  2/13/1999 to 8/13/1999  
Working with Geographic Information Systems projects, including spatial digital database entry and editing.

A. Carolina Laughlin  
BA Candidate  University of Texas  5/29/1999 to 8/6/1999  
The genus Bulia consists of four species, two of which are not separable by non-genital characters. By dissection, the distribution and phylogenetic relationship will be determined.

Yi-Jung Lin  
MA Candidate  University of Colorado–Boulder  6/1/1999 to 6/25/1999  
Curate the mollusk collection into metal drawers and label the cases and drawers; catalog pertinent portion of the secondary type collection; help to move the mollusk collection.

Christina Lopano  
BA Candidate  Virginia Polytechnic Institute and State University  5/29/1999 to 8/8/1999  
Determining the crystallization history of the Moorefield Pegmatite, Amelia, Virginia.

Janell MacDonald  
BA Candidate  Salish-Kootenai College  1/4/1999 to 1/18/1999

Sabina Aguilera Madrigal  
BA Candidate  Escuela Nacional de Antropologia E Historia  5/24/1999 to 11/30/1999  
Elaboration of a Web page related to textiles from southwest United States and northern Mexico.

Svetlana Maslakova  
MA Candidate  Moscow State University  1/25/1999 to 9/1/1999  
Preliminary cladistic analysis of pelagic Nemerteans (Hoplonemertini nemertini), an enigmatic group of marine worms.

Brenda McLain  
Documentary photography of exhibits in the Natural History Museum. Studio photography of exhibits to document ongoing curatorial research projects. Field research documentation photography for potential use in National Museum of Natural History publications.

Meredith A. Mennitt  
High School Degree Candidate  Barrie School  1/6/1999 to 3/3/1999  
Assisting with various curatorial duties to include databasing the Noctuidae collection, transferring specimens to soft-bottomed unit trays, organizing genitalia slide collection, and organization and curation of collections.

Denise Mix  
MA Candidate  George Washington University  5/17/1999 to 8/13/1999  
To prepare a disaster preparedness manual for the Collections Management office of the Paleobiology Department and to learn basic functions and operations in the Collections Management office.

Christina Moon  
BA Candidate  Rutgers University  5/29/1999 to 8/8/1999  
The nondestructive analysis of 250 million-year-old Ophiacodon fossils from Texas using computed tomography (CT) scanning.

Caren Oberg  
MA Candidate  George Washington University  1/5/1999 to 4/30/1999  
Research literature on museum learning, exhibit development, audience evaluation, and new media technologies in order to compile a select bibliography of literature recommended for participants on all exhibit teams at National Museum of Natural History.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Dates</th>
<th>Project Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alison Olcott</td>
<td>BA</td>
<td>University of Chicago</td>
<td>6/17/1999 to 9/1/2000</td>
<td>Morphometric analysis of Instars in Ostracodes through the Phanerozoic.</td>
</tr>
<tr>
<td>Clinton Olive II</td>
<td>PhD</td>
<td>University of Texas–Arlington</td>
<td>10/5/1998 to 6/30/1999</td>
<td>Editing of Funding Aids for the National Anthropological Archives.</td>
</tr>
<tr>
<td>Hernan Ortega</td>
<td>MA</td>
<td>Universidad Nacional San Marcos</td>
<td>6/15/1999 to 7/3/1999</td>
<td>Lower Urubamba biodiversity program Smithsonian Institution Man and Biodiversity program. Fishes of Lower Urubamba, Cusco-Ucayali, Peru.</td>
</tr>
<tr>
<td>Victoria Poyer</td>
<td>High School Degree Candidate</td>
<td>Maison d'Education de la legion d'Honneur</td>
<td>2/15/1999 to 5/15/1999</td>
<td>Volcanological training and translation.</td>
</tr>
<tr>
<td>Jacqueline Robinson</td>
<td>MA</td>
<td>University of Wisconsin–Milwaukee</td>
<td>7/12/1999 to 8/27/1999</td>
<td>Conduct research on health challenges in Africa for the “African Voices” exhibition. The goal of the internship is to produce a working outline of stories and an annotated bibliography for the stories.</td>
</tr>
<tr>
<td>Shelina Sayani</td>
<td></td>
<td></td>
<td>6/2/1999 to 7/31/1999</td>
<td>Participation in work on geographic information systems projects and computer mapping for scientific staff at National Museum of Natural History.</td>
</tr>
</tbody>
</table>
| Jennifer Skene        | BA      | Brown University                   | 12/22/1998 to 1/22/1999| Work on the Felipe Poey project. The goal of this project is to identify materials on the nineteenth-
century natural historian Felipe Poey (1799–1891) in conjunction with development of an exhibition at National Museum of Natural History in celebration of the 200th anniversary of Poey’s birth.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree/Candidate</th>
<th>Institution</th>
<th>Duration</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rebecca Snyder</td>
<td>MA Candidate</td>
<td>George Washington University</td>
<td>3/19/1999 to 8/31/1999</td>
<td>Development of a virtual skeleton of Triceratops and other dinosaurs. Applying surface and computed tomography (CT) scanning technology to digitize the morphology of dinosaur bones and assemble them virtually.</td>
</tr>
<tr>
<td>Sarah Soloman</td>
<td>BA Candidate</td>
<td>Appalachian State University</td>
<td>5/29/1999 to 8/8/1999</td>
<td>Work out and document morphological differences between two cryptic species, both formerly thought to comprise the fungus-growing ant species Cyphomyrmex longiscapus.</td>
</tr>
<tr>
<td>Jason South</td>
<td>BA Candidate</td>
<td>University of Chicago</td>
<td>6/14/1999 to 8/31/1999</td>
<td></td>
</tr>
<tr>
<td>Katie Spiker</td>
<td>BA Candidate</td>
<td>Elon University</td>
<td>5/24/1999 to 6/1/1999</td>
<td>Stable isotope research on seventeenth-century human skeletons from Maryland and Virginia to determine place of origin and nutritional condition.</td>
</tr>
<tr>
<td>Emma Stofel</td>
<td>BA</td>
<td>University of Oklahoma</td>
<td>5/10/1999 to 7/9/1999</td>
<td>Preparing Northeast and Southeast Indian collections for rehousing and preparing African Hall exhibits.</td>
</tr>
<tr>
<td>Adrian Sutter</td>
<td>BA Candidate</td>
<td>Macalester College</td>
<td>6/1/1999 to 8/30/1999</td>
<td>Data entry and library cataloguing.</td>
</tr>
<tr>
<td>Monica Terry</td>
<td>BA</td>
<td>Central Michigan University</td>
<td>9/13/1999 to 12/31/1999</td>
<td>Work of geographic information systems projects for scientific visualization and analysis of ongoing studies within the Natural History Museum.</td>
</tr>
<tr>
<td>Amanda Thompson</td>
<td>BA Candidate</td>
<td>University of Memphis</td>
<td>1/4/1999 to 1/18/1999</td>
<td></td>
</tr>
<tr>
<td>George Varas</td>
<td>BA Candidate</td>
<td>State University of New York—Stony Brook</td>
<td>1/4/1999 to 1/18/1999</td>
<td></td>
</tr>
<tr>
<td>Laura Viney</td>
<td>BA Candidate</td>
<td>Mary Washington College</td>
<td>5/11/1999 to 7/22/1999</td>
<td>Office of Education Discovery Room, Discovery Cart Program—Develop and test hands-on activities for National Museum of Natural History.</td>
</tr>
<tr>
<td>Michael Walczak</td>
<td>MA Candidate</td>
<td>George Washington University</td>
<td>5/17/1999 to 8/13/1999</td>
<td>Prepare an emergency preparedness manual for the Paleobiology department, while learning the “goings on” of the museum.</td>
</tr>
<tr>
<td>Johnas Wright</td>
<td>BA Candidate</td>
<td>George Mason University</td>
<td>5/29/1999 to 8/8/1999</td>
<td>Comparative analysis of the development of the tentacular club in paralarval squids, as well as SEM sucker comparison in paralarval octopods.</td>
</tr>
<tr>
<td>Andrea Wuenschel</td>
<td>BA Candidate</td>
<td>Whitman College</td>
<td>6/7/1999 to 8/6/1999</td>
<td>Nomenclature research of museum collection records for the checklist of freshwater fishes of Guyana.</td>
</tr>
</tbody>
</table>
Layla Wurthick  
BA Candidate  
Drew University  
6/14/1999 to 8/24/1999  
Working on photographic research relating to North American Indians—some of which is for the Handbook project.

Jennifer Young  
BA  
6/14/1999 to 9/1/2000  
Taphonomic and paleoecological analysis of terrestrial paleocommunities—quantitative approaches.

National Museum of the American Indian (CRC)

Shana Bushyhead  
MA Candidate  
University of Delaware  
6/7/1999 to 8/13/1999  
Collections management registrar work.

Katharine Gehron  
BA Candidate  
Cornell University  
6/16/1999 to 8/23/1999  
Helping with publications; research for information on tribe and myth of children's book, to be put at end of the book; photo research for National Museum of the American Indian book to be published with museum opening (The Native Universe).

Audrey Harrison  
BA Candidate  
University of Arizona  
6/7/1999 to 8/13/1999  
Conservation of objects that are traveling. Examination and condition reports, treatment proposals, photo documentation, packing, and mounting.

Abby Kliger  
MA Candidate  
University of the Arts  
6/7/1999 to 8/13/1999  
Develop a hybrid, portable exhibit for programs and participate in the development of study collections, which will be on display at the museum.

Elynor Lord  
High School Degree Candidate  
East Chapel Hill High School  
6/22/1999 to 8/6/1999  
Assist public affairs office with general duties related to media outreach. Assist with additional clerical duties related to National Museum of the American Indian ground breaking, as well as develop a project that examines the advertising practices of cultural institutions of similar size and budget to National Museum of the American Indian.

Lisa Madeira  
MA Candidate  
George Washington University  
1/11/1999 to 4/8/1999

Elsa Mamani  
BA Candidate  
Universidad Nacional de Salta  
2/8/1999 to 5/18/1999  
Student assistant in Alicia Gonzalez's project in Pacific Coast of Mexico.

Cecilia Minosa  
MA Candidate  
University of Kentucky  
6/7/1999 to 8/19/1999  
Developing a print and electronic publication, "Starting a Tribal Museum."

Kimberlee McGrath  
BA Candidate  
Bucknell University  
6/7/1999 to 8/13/1999  
Traditional Care Database; Excel and Microsoft data entry concerning the collections and working with tribal community leaders in direct contact with objects in the collections.

Melinda McPeek  
BA  
College of William and Mary  
9/7/1999 to 9/7/2000  
Assisting in the conservation of collections at the Cultural Resources Center in Suitland, Maryland.

Adelina Morales  
BA Candidate  
University Veracruzana  
9/20/1999 to 8/21/2000  
Anthropological research in Curatorial Department.

Betzabe Rivera  
BA Candidate  
University de Panama  
9/20/1999 to 12/10/1999  
Anthropological research in Curatorial Department.

Adelina Suzan  
BA Candidate  
Universidad Veracruzana  
9/20/1999 to 12/10/1999  
Anthropological research in Curatorial Department.
### National Portrait Gallery

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree/Program</th>
<th>Institution</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shellyn Camacho</td>
<td>BA Candidate</td>
<td>Brigham Young University</td>
<td>5/3/1999 to 8/12/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assist the public program director with the Cultures in Motion public programs, program notes, and film series.</td>
<td></td>
</tr>
<tr>
<td>Erica Chituape</td>
<td>BA Candidate</td>
<td>Northwestern University</td>
<td>7/6/1999 to 8/17/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assist Roland White in the organization and filing of slides, videotapes for a recorded library.</td>
<td></td>
</tr>
<tr>
<td>Elizabeth Crow</td>
<td>BA Candidate</td>
<td>University of Maryland - College Park</td>
<td>2/5/1999 to 5/15/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research duties in preparation for upcoming volumes on the children of Charles Willson Peale; various filing and light editorial-related tasks. Read and classify newspaper articles and diary excerpts from Charles Willson Peale and his family.</td>
<td></td>
</tr>
<tr>
<td>Jessica DuPlaga</td>
<td>BA Candidate</td>
<td>College of Wooster</td>
<td>6/7/1999 to 8/20/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Organization for closedown, label printing and mounting, screen-printing.</td>
<td></td>
</tr>
<tr>
<td>Harriet Getrys</td>
<td>BA Candidate</td>
<td>University of the South</td>
<td>6/3/1999 to 7/30/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Updating the data on portraits acquired for the National Portrait Gallery’s permanent collection over the past four years, as well as correcting data for earlier acquisitions, in anticipation of publishing a new edition of the National Portrait Gallery Permanent Collection Illustrated Checklist.</td>
<td></td>
</tr>
<tr>
<td>Rachael Geyer</td>
<td>BA Candidate</td>
<td>Smith College</td>
<td>6/3/1999 to 8/12/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research Assistant—Intern will assist staff in research for upcoming volumes to focus on the children of Charles Willson Peale, specifically Titian Ramsay Peale. Intern will be asked to do extensive newspaper/journal research, transcripts, and annotations.</td>
<td></td>
</tr>
<tr>
<td>Marsha Gordon</td>
<td>PhD Candidate</td>
<td>University of Maryland - College Park</td>
<td>9/8/1999 to 6/30/2000</td>
</tr>
<tr>
<td>Nerissa Lynn Holder</td>
<td>BA Candidate</td>
<td>Wellesley College</td>
<td>7/6/1999 to 8/31/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Directory/Catalogue work; compile photos: label, sequence, organize, layout, and crop.</td>
<td></td>
</tr>
<tr>
<td>Aleem Hossain</td>
<td>BA Candidate</td>
<td>University of Chicago</td>
<td>6/21/1999 to 8/27/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Researching for the “Notable Americans” exhibition.</td>
<td></td>
</tr>
<tr>
<td>Kyle Hustedt</td>
<td>BA Candidate</td>
<td>Luther College</td>
<td>6/7/1999 to 8/6/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Labels and silk-screening labels for exhibits of Edward Sorel.</td>
<td></td>
</tr>
<tr>
<td>Jeremy Korch</td>
<td>BA Candidate</td>
<td>University of Wisconsin - Madison</td>
<td>6/1/1999 to 8/15/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assists staff in editing data on the Collections Information System; organizing and researching portrait material; entering new portrait information on the collections database; scanning slides and photographs; and linking digitized images to records.</td>
<td></td>
</tr>
<tr>
<td>Elizabeth Marquardt</td>
<td>BA Candidate</td>
<td>University of Chicago</td>
<td>6/21/1999 to 8/27/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research on Rembrandt Peale’s porthole portrait of George Washington in the 1850s, culminating in an academic report on the history of portraits and a checklist of extant “portholes.”</td>
<td></td>
</tr>
<tr>
<td>Andrea Marrone</td>
<td>BA Candidate</td>
<td>University of Virginia</td>
<td>6/1/1999 to 8/13/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Work in the catalog of American portraits as research assistant using CEROS and database to compile information.</td>
<td></td>
</tr>
<tr>
<td>Megan McIntyre</td>
<td>BA Candidate</td>
<td>Smith College</td>
<td>9/7/1999 to 12/17/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Working on an exhibit that will travel to the Condon National Portrait Gallery. It will be an exchange of photographs of important Americans.</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Degree</td>
<td>Institution</td>
<td>Dates</td>
</tr>
<tr>
<td>-----------------</td>
<td>--------</td>
<td>------------------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Amanda Norman</td>
<td>BA</td>
<td>Smith College</td>
<td>9/7/1999 to 12/17/1999</td>
</tr>
<tr>
<td>Katharine Ristow</td>
<td>BA</td>
<td>Purdue University</td>
<td>6/21/1999 to 8/20/1999</td>
</tr>
<tr>
<td>Brandon Seitz</td>
<td>BA</td>
<td>Purdue University</td>
<td>5/24/1999 to 7/30/1999</td>
</tr>
<tr>
<td>Kimberlee Staking</td>
<td>BA</td>
<td>University of Maryland</td>
<td>2/1/1999 to 6/1/1999</td>
</tr>
<tr>
<td>Beverly Stautz</td>
<td>BA</td>
<td>Corcoran College of Art and Design</td>
<td>2/2/1999 to 5/30/1999</td>
</tr>
<tr>
<td>Elizabeth M. Tobey</td>
<td>PhD</td>
<td>University of Maryland</td>
<td>5/26/1999 to 8/13/1999</td>
</tr>
<tr>
<td>Stephanie Tomayko</td>
<td>BA</td>
<td>Syracuse University</td>
<td>6/7/1999 to 8/20/1999</td>
</tr>
<tr>
<td>Sarah Wheeler</td>
<td>BA</td>
<td>Smith College</td>
<td>9/13/1999 to 12/3/1999</td>
</tr>
<tr>
<td>Betsy Wheeler</td>
<td>BA</td>
<td>Middlebury College</td>
<td>9/13/1999 to 12/14/1999</td>
</tr>
<tr>
<td>Elizabeth Wiley</td>
<td>PhD</td>
<td>George Washington University</td>
<td>1/19/1999 to 5/13/1999</td>
</tr>
</tbody>
</table>
**National Postal Museum**

Allison McKittrick  
**BA Candidate**  
Miami University  
6/14/1999 to 8/13/1999  
Research individuals who have been featured on stamps. This research will contribute to a new series of changing exhibits in the National Postal Museum's Philatelic gallery.

Terry Pritchard  
**BA Candidate**  
State University of New York—Buffalo  
5/24/1999 to 8/6/1999  
Perform academic research concerning the history and operation of the colonial (British) Post Office and the U.S. Post Office during the American Revolution and early national period.

Mindy Simonson  
**BA Candidate**  
University of California—Santa Barbara  
6/24/1999 to 8/26/1999  
Conduct photo and architectural research for an upcoming book on New Deal post offices. Also research the photo collections of maritime museums nationally in preparation for an upcoming steamboat exhibition at the National Postal Museum.

**National Zoological Park**

Daphne Bremer  
**PhD Candidate**  
Tufts University  
6/7/1999 to 8/13/1999  
Veterinary medicine internship with the Department of Animal Health.

Julie Holleman  
**BA Candidate**  
Duke University  
5/17/1999 to 8/6/1999  
Internship in the Nutrition Lab studying the nutrition of desert tortoises and the protein content of the plants they eat.

Keya Jenkins  
**BA Candidate**  
University of Maryland—College Park  
6/7/1999 to 8/13/1999  
The analysis of raven DNA. I will be working with Kevin Omland in the Genetics Lab of the National Zoo. We will be gathering feather, feces, etc., samples from ravens from all over the world to sequence their DNA and distinguish between the different species of ravens.

Charyn Micheli  
**BA Candidate**  
Pontifical Catholic University of Puerto Rico  
6/7/1999 to 8/13/1999  
The project will consist of working to develop research proposals with a conservation focus for the Delmarva fox squirrel, a local endangered species, and organizing the strategic planning meeting.

Bonard Molina  
**AA Candidate**  
Montgomery College  
1/21/1999 to 7/30/1999  
Working with the Amazonia Gallery Genetics Lab in interacting with visitors.

Sally Pyle  
**MA Candidate**  
University of California–Davis  
6/7/1999 to 8/27/1999  
Nutrition Research, Desert Tortoise Project.

Eric Reinhard  
**BA Candidate**  
Pennsylvania State University  
8/1/1999 to 11/1/1999  
The Golden Lion Tamarin Free-Ranging Program desires to educate the public about conservation, to conduct research to better understand the process of reintroduction, and to familiarize a pair for reintroduction into Brazil.

Katharine Roback  
**BA Candidate**  
University of Massachusetts–Amherst  
6/8/1999 to 8/28/1999  
Research for Desert Tortoise Project.

Lindsey Savage  
**Candidate**  
Virginia-Maryland Regional College of Veterinary Medicine  
5/17/1999 to 8/6/1999  
Literature search on the nutritional requirements of newborn mammals and investigating the nutrition of desert tortoises.

Rebecca Stewart  
**AA**  
Edmonds Community College  
8/9/1999 to 10/29/1999  
Redesign and move the African American and Native American Heritage Gardens.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>University</th>
<th>Dates</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elizabeth Wood</td>
<td>MA</td>
<td>George Washington University</td>
<td>1/10/1999 to 6/1/1999</td>
<td>Researching cultural stories for an exhibition on the domestication of rabbits.</td>
</tr>
<tr>
<td>Shannon Zack</td>
<td>BA</td>
<td>George Mason University</td>
<td>5/20/1999 to 8/20/1999</td>
<td>Updating the CCS Web site concerning the videoconferencing project. Also involved in the videoconferencing project by contacting interested people and building a participant base. Involved in the Visitor Education Program and will be compiling a Cheetah Ethogram from others along with CCS' current research.</td>
</tr>
</tbody>
</table>

**National Zoological Park—Friends of the National Zoo**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>University</th>
<th>Dates</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cesar Augusto Loayza</td>
<td>BA</td>
<td>University of Maryland</td>
<td>6/2/1999 to 8/15/1999</td>
<td>Sequencing DNA for shrews. Mission is to find variability in the alleles and to find mutations.</td>
</tr>
<tr>
<td>Maureen McClung</td>
<td>BA</td>
<td>Hendrix College</td>
<td>6/8/1999 to 8/31/1999</td>
<td>Research and evaluate the National Zoo's current browse program; look for ways to improve its state.</td>
</tr>
<tr>
<td>Danielle Sanders</td>
<td>BA</td>
<td>University of Miami</td>
<td>6/7/1999 to 8/13/1999</td>
<td></td>
</tr>
<tr>
<td>Christina Wu</td>
<td>BA</td>
<td>University of Maryland</td>
<td>6/8/1999 to 8/20/1999</td>
<td>Assist in the Human Resources office with daily operations. Update and maintain personnel files and current personnel forms. Create employee name badges, assist with employee functions, and develop a training model for hourly employees.</td>
</tr>
<tr>
<td>Timothy Stocklard</td>
<td>BA</td>
<td>Boston University</td>
<td>6/14/1999 to 8/23/1999</td>
<td>Researching and writing an article for the FONZ magazine, ZooGee.</td>
</tr>
</tbody>
</table>

**Office of Contracting**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>University</th>
<th>Dates</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael Hutchinson</td>
<td>MA</td>
<td>George Washington University</td>
<td>5/24/1999 to 8/30/1999</td>
<td>Intern will be involved in interviewing museum staff about projects and assessing contract needs; drafting and reviewing contracts and contract amendments, and providing research on contracting, intellectual property, and insurance law issues related to Smithsonian contracts.</td>
</tr>
</tbody>
</table>

**Office of Development**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>University</th>
<th>Dates</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>Janet Haws</td>
<td>BA</td>
<td>College of William and Mary</td>
<td>6/24/1999 to 8/13/1999</td>
<td></td>
</tr>
<tr>
<td>Kimberly Keller</td>
<td>MA</td>
<td>Indiana University</td>
<td>5/24/1999 to 8/30/1999</td>
<td></td>
</tr>
<tr>
<td>Atinuke Ogunde</td>
<td>AA</td>
<td>Montgomery College</td>
<td>2/4/1999 to 5/31/1999</td>
<td>Assist in preparing for the 1999 Arts and Crafts Show computer work, communicating with exhibitors and more.</td>
</tr>
<tr>
<td>Kimberley Williams</td>
<td>BA</td>
<td>George Washington University</td>
<td>1/22/1999 to 4/30/1999</td>
<td>Assisting with the planning of a trip/tour to London for some of our contributing members to the Smithsonian Institution.</td>
</tr>
</tbody>
</table>
Office of Exhibits Central

Alison Bassler  
BA Candidate  
Roanoke College  
6/7/1999 to 8/15/1999  
Learn about paint finishes and help with exhibit design.

Briar Levit  
BA Candidate  
San Francisco State University  
6/7/1999 to 8/15/1999  
Working with the Design Department of the Office of Exhibits Central.

Victor Manansala  
BA Candidate  
Howard University  
1/28/1999 to 5/31/1999  
Microbes exhibition production of 3-D forms to create form material to be installed in the International Gallery.

Mike Ritter  
BA Candidate  
Bowdoin College  
6/1/1999 to 8/6/1999  
Working in the Graphics Department on the visual representation of exhibits.

Ben Schwantes  
BA Candidate  
University of Pittsburgh  
6/1/1999 to 8/5/1999  
Working in the model office in construction of models and design/construction of exhibits. I will also be working with the Office of Exhibits Central model makers on the use of museum brackets and display design.

Jenifer Scott  
BA Candidate  
Howard University  
1/28/1999 to 5/31/1999  
Producing 3-dimensional models of microbes for upcoming exhibition in the International Gallery.

Sammy Shin  
BA  
University of Michigan  
8/17/1999 to 11/17/1999  
Working in the Model Shop.

Victoria Sumner  
BA Candidate  
Howard University  
1/28/1999 to 5/31/1999  
Microbes exhibition; produce 3-dimensional forms to be installed in the International Gallery.

Office of Human Resources

Ernestine Jefferson  
New Leaders Program  
Working on devising a training course with staff.

Office of Imaging, Printing and Photographic Services

Hatty Frampton  
BA Candidate  
Durham University  
7/6/1999 to 9/15/1999  
Photographic editing services for Smithsonian Collections and Displays.

Abigail Haskell  
BA Candidate  
Georgetown University  
11/19/1998 to 5/31/1999  
Web development for the Photo Services department.

Shoko Ito  
BA Candidate  
Trinity College  
6/1/1999 to 7/30/1999  
Photograph scientific collections with either traditional photographic equipment or digital cameras. Perform traditional darkroom skills and digital darkroom using electronic imaging software to increase intern's knowledge base of both traditional and digital photographic practices.

Alissa Kempler  
High School Degree Candidate  
Georgetown Day High School  
6/8/1999 to 9/8/1999

Matthew Lebeda  
BA Candidate  
Rochester Institute of Technology  
6/15/1999 to 9/11/1999

John Marshall  
PhD Candidate  
Webster University  
2/1/1999 to 5/31/1999  
Will assist on various shooting assignments, sometimes moving heavy equipment. Will also assist in lab assignments, processing, printing, reproduction, and digital applications. Will learn techniques in all above skills as well as studio and on-location lighting.
<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Dates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shanna Moore</td>
<td>BA Candidate</td>
<td>Portland State University</td>
<td>1/6/1999 to 3/12/1999</td>
<td>Assisting in digitizing photo archives with D. Hurlbert at the Office of Imaging, Printing, and Photographic Services.</td>
</tr>
<tr>
<td>Anna Leah Overstreet</td>
<td>BA</td>
<td>Furman University</td>
<td>6/14/1999 to 12/31/2000</td>
<td>Working in the darkroom, working on photo shoots.</td>
</tr>
<tr>
<td>Ember Ward</td>
<td>BA Candidate</td>
<td>University of California - Berkeley</td>
<td>6/3/1999 to 8/1/1999</td>
<td>Assisting in photographing various exhibits at different museums and transferring those images to QuickTime so that they can be accessed three dimensionally over the Internet.</td>
</tr>
<tr>
<td>Kendra Che Weaver</td>
<td>AA Candidate</td>
<td>Randolph Community College</td>
<td>10/23/1998 to 12/18/1998</td>
<td>Assisting Office of Imaging, Printing and Photographic Services photographers with wide range of photographic tasks, including location and studio shooting assignments, event documentation, copying old photographs and books, digital imaging, and black-and-white printing.</td>
</tr>
</tbody>
</table>

**Office of Information Technology**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Dates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stephanie Nobert</td>
<td>BA</td>
<td>Barnard College</td>
<td>5/24/1999 to 9/15/1999</td>
<td></td>
</tr>
</tbody>
</table>

**Institutional Studies Office**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Dates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nicole Barone</td>
<td>BA</td>
<td>James Madison University</td>
<td>10/13/1998 to 5/1/1999</td>
<td></td>
</tr>
<tr>
<td>Abigail Dreibilis</td>
<td>BA Candidate</td>
<td>Indiana University of Pennsylvania</td>
<td>5/24/1999 to 7/16/1999</td>
<td>Survey and interview visitors to National Portrait Gallery and other various museums. The goal is to determine visitor experience and satisfaction.</td>
</tr>
<tr>
<td>Madeleine LeBlanc</td>
<td>PostDoc</td>
<td></td>
<td>2/1/1999 to 4/23/1999</td>
<td>Be part of a study directed to understanding the visitor experience and measuring the degree of fit between what the museum provides and what the visitor experiences.</td>
</tr>
<tr>
<td>Sarah Vollman</td>
<td>High School Degree Candidate</td>
<td>Richard Montgomery High School</td>
<td>7/6/1999 to 7/30/1999</td>
<td></td>
</tr>
</tbody>
</table>

**Office of Public Affairs**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Dates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amy Givens</td>
<td>BA Candidate</td>
<td>Roanoke College</td>
<td>1/21/1999 to 4/25/1999</td>
<td>Intern will be working on The Torch.</td>
</tr>
</tbody>
</table>

**Office of Smithsonian Institution Archives**

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Institution</th>
<th>Dates</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jennifer Gunter</td>
<td>MA Candidate</td>
<td>University of Maryland - College Park</td>
<td>7/7/1999 to 8/20/1999</td>
<td>To work with the Records Management Team to survey and inventory a portion of the records of the Freer Sackler Gallery. The focus of the project will be to complete and annotated inventory of the central files and begin to survey the active records of Milo Beach.</td>
</tr>
</tbody>
</table>
Jennifer Insley
BA Candidate  
University of Chicago  
6/21/1999 to 8/27/1999
Research on the history of the Smithsonian Institution in preparation for digitizing of historical and legal documents.

Tanya Marshall
BA  
University of Maryland - College Park  
7/12/1999 to 8/20/1999
Access and preservation of Smithsonian Web sites.

Jeremy Skinner
BA Candidate  
Lewis and Clark College  
5/24/1999 to 7/30/1999
Working with information file and research file.

Office of Sponsored Projects

Christine Black
High School Degree  
Wakefield High School  
7/26/1999 to 9/3/1999
To refurbish the Office of Sponsored Projects Web sites.

Katherine Fritzsche
MA Candidate  
George Washington University  
8/31/1999 to 6/30/2000
Provide assistance in locating funding; developing grant proposals and administering awards.

Adisra Jittipun
BA Candidate  
George Mason University  
9/2/1999 to 12/21/1999

Kimberly Keller
MA Candidate  
Indiana University  
6/1/1999 to 8/30/1999

Peter Molfese
High School Degree Candidate  
Carbondale Community High School  
3/15/1999 to 3/19/1999
Development of an internal Web site for Office of Sponsored Projects.

Bridget Neal
MA Candidate  
Tulane University  
6/3/1999 to 8/13/1999
Preparing the annual report on training and intern activities, assisting in development and maintenance of grant management database systems, and providing administrative assistance in preparing for Office of Sponsored Project’s annual planning retreat.

Office of the General Counsel

Heather Gottry
Juris Doctor Candidate  
Georgetown University Law Center  
10/21/1998 to 6/1/1999
Assist in legal research on variety of matters and cases pending in the office, write memos, etc.

Leonardo Graffi
BA Candidate  
University of Bologna  
7/16/1999 to 9/15/1999

Mitchell Tuchman
MA Candidate  
American University  
5/24/1999 to 7/31/1999
Perform legal research and prepare memoranda in multiple areas of the law, such as employment, trust, tax, and federal jurisdiction. Assist in litigation, including preparation of pleadings and discovery. Provide additional assistance as required.

Smithsonian Institution Traveling Exhibition Service

Altavia Ray
BA  
Howard University  
2/22/1999 to 6/22/1999
To serve as public relations assistant focusing on researching, writing, and disseminating press releases and information regarding several upcoming exhibitions.

Smithsonian Administration

Megan McArdle
BA Candidate  
University of Virginia  
5/25/1999 to 8/30/1999
Assist in editing/scanning work for Millennium Project Web site.

Ambika Sankaran
BA Candidate  
Hood College  
5/25/1999 to 1/31/2000
Working on the Millennium Web site project; including archives, filmography, technical support, and research.
### Smithsonian Center for Materials Research and Education

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sarah Ginn</td>
<td>BA</td>
<td>Santa Clara University</td>
<td>6/28/1999 to 8/6/1999</td>
</tr>
</tbody>
</table>

Using neutron activation analysis to determine the element compositions of ceramic materials from Mission Santa Clara in Santa Clara, California. The main research goal is to trace the trade roots of the California missions.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
</table>

Fellow in archives conservation to be working with paleobiology, entomology, and Smithsonian archives on survey, rehousing and treatment of their archival collections.

### Smithsonian Environmental Research Center

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gaddiel Ayala</td>
<td>BS C</td>
<td>Universidad Metropolitana</td>
<td>6/3/1999 to 8/20/1999</td>
</tr>
</tbody>
</table>

Environmental Education Program and installation and operation of weather stations.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dina Berrin</td>
<td>BS</td>
<td>Oberlin College</td>
<td>6/15/1999 to 9/7/1999</td>
</tr>
</tbody>
</table>

Invasions Ecology: This project measures patterns of nonindigenous species transfer, invasions, and impact; tests specific and general mechanisms that underlie these patterns; and assesses the efficacy of management strategies to limit the spread and impact of nonindigenous species.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carissa Capuano</td>
<td>BS C</td>
<td>Bowdoin College</td>
<td>6/1/1999 to 8/30/1999</td>
</tr>
</tbody>
</table>

Fish and crab biology and ecology.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andreas Held</td>
<td>BS C</td>
<td>University of Bayreuth</td>
<td>6/1/1999 to 8/20/1999</td>
</tr>
</tbody>
</table>

Forest ecology and micrometeorology; forest canopy tower measurements.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michelle Hersh</td>
<td>BS C</td>
<td>Bryn Mawr College</td>
<td>6/1/1999 to 8/20/1999</td>
</tr>
</tbody>
</table>

Assisting with a continuing study of plant physiology and biogeochemical cycling in elevated CO₂ chambers in a tidal salt marsh. Answering questions such as "How do plants respond to elevated CO₂ levels?" and "What happens to the additional carbon dioxide put into the system?"

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alexandra Hui</td>
<td>BS C</td>
<td>Pomona College</td>
<td>6/1/1999 to 8/20/1999</td>
</tr>
</tbody>
</table>

Forest Canopy Lab; Studies of structure and meteorological dynamics of the Maryland deciduous forest canopy.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alex Kalejs</td>
<td>BS</td>
<td>Johns Hopkins University</td>
<td>3/1/1999 to 5/29/1999</td>
</tr>
</tbody>
</table>

Assist in production of "Tales of the Blue Crab" exhibition for schools. Assist in school group programs including canoes, boats, and trails.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jae-Seong Kim</td>
<td>BS</td>
<td>Kunsam National University</td>
<td>6/1/1999 to 8/20/1999</td>
</tr>
</tbody>
</table>

Marine planktonic ecology and identification of marine protist.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kristen Larson</td>
<td>BS C</td>
<td>St. Mary's College of Maryland</td>
<td>6/1/1999 to 8/20/1999</td>
</tr>
</tbody>
</table>

Long-term studies of crabs and fish in Rhode River.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Danielle Lipski</td>
<td>BS</td>
<td>University of Maryland College Park</td>
<td>1/5/1999 to 4/26/1999</td>
</tr>
</tbody>
</table>

Research on the introduction of marine invasive species by ballast water from ships arriving in the Port of Baltimore.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jesse Marsh</td>
<td>BS</td>
<td>Boston University</td>
<td>6/1/1999 to 8/20/1999</td>
</tr>
</tbody>
</table>

Working in the Crab Lab on long-term studies of fish/crab population dynamics.

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree</th>
<th>Institution</th>
<th>Start/End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Melanie Moses</td>
<td>BA</td>
<td>University of Maryland College Park</td>
<td>9/13/1999 to 12/30/1999</td>
</tr>
</tbody>
</table>

Internship in the Smithsonian Environmental Research Center Forest Canopy Lab. Collect data on the optical properties of leaves and use that data to modify computer models describing canopy structure.
<table>
<thead>
<tr>
<th>Name</th>
<th>Degree/Candidate</th>
<th>Institution</th>
<th>Start/End Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kathleen Murphy</td>
<td>BS</td>
<td></td>
<td>2/8/1999 to 5/30/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Investigations of ballast water sampling methodologies and the impact of plankton behavior on representative sampling.</td>
<td></td>
</tr>
<tr>
<td>Mark Nabong</td>
<td>BA Candidate</td>
<td>University of Chicago</td>
<td>6/20/1999 to 8/27/1999</td>
</tr>
<tr>
<td>Kelly O’Malley</td>
<td></td>
<td></td>
<td>9/15/1999 to 12/24/1999</td>
</tr>
<tr>
<td>J. Paul Richardson</td>
<td>BS Candidate</td>
<td>Old Dominion University</td>
<td>1/5/1999 to 3/26/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Working with invasive marine organisms.</td>
<td></td>
</tr>
<tr>
<td>Laura Schreng</td>
<td>MA Candidate</td>
<td>Michigan State University</td>
<td>6/1/1999 to 8/20/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dendroecological and ecophysiological analysis of gap and non-gap environments in deciduous and evergreen understories at the Smithsonian Environmental Research Center.</td>
<td></td>
</tr>
<tr>
<td>Ben Spence</td>
<td>MA</td>
<td>Louisiana State University</td>
<td>6/21/1999 to 8/13/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Germination and growth of native terrestrial orchids and the role of mycorrhizal fungi in this process.</td>
<td></td>
</tr>
<tr>
<td>Jason Stuck</td>
<td>BS Candidate</td>
<td>Warren Wilson College</td>
<td>6/1/1999 to 8/20/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Assist teacher-led field trips at Reed Education Center and lead guided canoe trips on Muddy Creek and guided hikes on Java History Trail and the Discovery Trail.</td>
<td></td>
</tr>
<tr>
<td>Erin Turack</td>
<td>BS</td>
<td>University of Kansas</td>
<td>2/1/1999 to 4/9/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Researching the optical properties of phytoplankton on the Rhode River, a sub-estuary of the Chesapeake Bay, and presenting the implication of water quality to the public.</td>
<td></td>
</tr>
<tr>
<td>Karma Vowell</td>
<td>BS</td>
<td>Indiana University</td>
<td>5/24/1999 to 8/15/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Modeling of Riparian structure effect on buffering intensity.</td>
<td></td>
</tr>
<tr>
<td>David Welch</td>
<td>MA Candidate</td>
<td>Indiana University</td>
<td>5/10/1999 to 7/30/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Empirical models for stream water nutrient concentrations in the Patuxent River drainage basin.</td>
<td></td>
</tr>
<tr>
<td>Corey Wright</td>
<td>BS Candidate</td>
<td>Warren Wilson College</td>
<td>5/27/1999 to 8/14/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Looking at effects of ultraviolet radiation on bacterioplankton in Rhode River and Gulf of Mexico.</td>
<td></td>
</tr>
<tr>
<td>Laura Yip</td>
<td>BS Candidate</td>
<td>University of Victoria</td>
<td>4/26/1999 to 7/16/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Environmental education.</td>
<td></td>
</tr>
</tbody>
</table>

**Smithsonian Institution Libraries**

<table>
<thead>
<tr>
<th>Name</th>
<th>Degree/Candidate</th>
<th>Institution</th>
<th>Start/End Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Lee Curtis</td>
<td>BA Candidate</td>
<td>Furman University</td>
<td>6/11/1999 to 8/13/1999</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Production work for the libraries’ Digital Editions. Work will include materials handling, inventorying, database maintenance, digitizing with a flatbed scanner and scan back camera, creation of long-term storage CD-ROMs and production of derivative images for World Wide Web use.</td>
<td></td>
</tr>
<tr>
<td>Agnieszka Koszowska</td>
<td>Library of Congress Soros Program; covers a training portion at the Library of Congress and an opportunity to work in the Smithsonian Institution Libraries, Department of Acquisition.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Roxanne Missingham</td>
<td></td>
<td></td>
<td>7/12/1999 to 8/9/1999</td>
</tr>
<tr>
<td></td>
<td>To investigate the services offered by libraries and the information needs of researchers and curators, particularly as relates to how to implement new digital services.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Burpee Seed Collection—writing finding aid.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Smithsonian Magazine

Naila-Jean Meyers  BA Candidate  Northwestern University  6/7/1999 to 8/6/1999

Smithsonian Office of Education

Holly Barton  BA Candidate  University of Texas–Austin  6/14/1999 to 8/10/1999
Assisting in planning summer teacher seminars, Teacher’s Night, and other tasks.

Elizabeth Corkery  Assisting in Teachers’ Night and multicultural programs.
9/14/1999 to 10/1/1999

Michelle Morton  PhD Candidate  University of California –Santa Cruz  6/7/1999 to 7/31/1999
“Cultural Frontiers: Textiles of Northern Mexico and the Southwestern U.S.” Joint project between Department of Anthropology and the Office of Education.

Marget Van Horn  MA Candidate  George Washington University  6/3/1999 to 8/6/1999
Heritage Month Planning—Hispanic Heritage and Native American Heritage programs. Working on upcoming Teacher’s Night and archive of Heritage Month events.

Smithsonian Press

Mary DeYoung  MA Candidate  Winthrop University  5/17/1999 to 8/13/1999
The goal of this internship is to expose the intern to all facets of work in the acquisitions department of this publishing company. In that regard, she will be responsible for reviewing and assessing manuscripts, writing short summaries of manuscripts, reviewing manuscript submissions for completeness, contacting authors, rejecting manuscripts, and other duties as assigned.

Smithsonian Tropical Research Institute—Panama


Jose Atencia Avila  Comparative study of the invertebrate macro fauna Thalassia testudinum.  4/2/1999 to 4/2/2000

Elroy Charles  BA  University of Guyana  2/15/1999 to 2/15/2000
Comparison of leaf-beetles of the canopy and understory in dry and wet forests.

Diana de Atenao  Universidad Santa Maria la Antigua  4/2/1999 to 4/2/1999
Comparative study of the invertebrate macrofauna (Thalassia testudinum) that lives in aqueous sediment.

Megan Evans  High School Degree Candidate  Thomas Jefferson High School  7/2/1999 to 8/30/1999
To assist with special projects.

Yolanda Figeroa  Universidad Santa Maria la Antigua  7/1/1999 to 7/30/2000

Grettehun Gonzalez  MA Candidate  Universidad de Panama  7/1/1999 to 9/30/1999
Studying the prevalence of viral pathogens in wild vs. cultivated shrimp populations in Panama.

Amador Goodridge  Universidad Santa Maria la Antigua  7/1/1999 to 7/30/2000

Molecular phylogeny of sea urchins: I will sequence the cytochrome oxidase I regions of the mitochondrial DNA genome of Trip. sea urchins collected throughout the Indo-West Pacific, Central
Pacific, and Caribbean. I will then deduce which group separated from each other and when, and reconstruct a phylogeny of Trip.

Jonathon Thomson  
BA  
University of Virginia  
9/27/1999 to 12/20/1999  
A survey of marine angiels and sediment regimes in the Bocas del Toro region of Panama.

Calvin Walker  
BA  
U.S. International University  
6/14/1999 to 8/20/1999  
Develop a strategy and operational plan for the bookstore. If time permits, also for Barro Colorado Island and housing units.

The Smithsonian Associates

Perrin Anderson  
BA Candidate  
Duke University  
6/14/1999 to 8/6/1999  
Assist with program production, e.g. concert program, film, and camp programs.

Marika Athens  
BA Candidate  
Haverford College  
5/17/1999 to 6/11/1999  
Assist The Smithsonian Associates' performing arts team in a variety of ways.

Misty Bastian  
BA Candidate  
Brigham Young University  
1/5/1999 to 4/15/1999  
Support Domestic Tour Team in duties. Assist with various tasks that support the planning and implementation of study tours. Maintain the study tour leaders database.

Madeleine Bertin  
BA  
Smith College  
1/19/1999 to 5/15/1999  
Aid Performing Arts Department of The Smithsonian Associates in whatever capacities are needed, including writing, marketing, publicity, and administration.

Sonja Brandt  
BA  
Carnegie Mellon University  
9/8/1999 to 12/31/1999  
Working on projects to support Studio Arts and Young Associates divisions of The Smithsonian Associates; conduct market research to identify competition and compare program offerings; work to help enhance Studio Arts presence on Web site; update Studio Arts records and files; conduct extensive research on children's literature.

Christi Crovato  
AA Candidate  
Montgomery College  
1/11/1999 to 5/31/1999  
Assist in development of programs and implementing marketing strategy for The Smithsonian Associates' professional institutes. Research potential corporate clients and determine appropriate contacts. Prepare and send out letters of introduction. Assist in planning institutes, making arrangements for events, researching topics, and assembling packets and booklets.

Jenna Goldberg  
BA Candidate  
University of Michigan  
5/3/1999 to 7/2/1999  
Supporting the U.S. and Canada Study Tours team with a variety of projects, including editing and proofing tour catalog copy, tour bulletins, and written materials; researching sites on the Internet, entering study leader profiles into the database, researching other parts of Smithsonian for links to the Study Tours.

Sonja Hayden  
BA Candidate  
University of North Carolina—Chapel Hill  
5/18/1999 to 7/30/1999  
Editing and proofing catalog copy, tour bulletins, and other written materials; researching sites of the Internet; entering study leader profiles in STS database; researching other parts of the Smithsonian for links to study tours.

Anna Kerns  
MA Candidate  
George Washington University  
2/18/1999 to 4/30/1999  
Assist in the coordination and design of Smithsonian Associates Study Tours and Seminars.

Magda Kuchudakis  
AA Candidate  
Montgomery College  
9/1/1999 to 12/31/1999  
Assist in the development of national outreach programs.
Stacy Shintani  
**BA Candidate**  
University of California  
-Los Angeles  
6/29/1999 to 8/27/1999  
Coordinate the Silent Auction for the 1999 Young Benefactors Blast-Off Black-Tie Gala. This entails tracking gift commitments, logging and labeling gifts received, following up with acknowledgments and thank-yous, providing progress reports, and other duties related to the Gala and Silent Auction as needed.

Shannon Vance  
**MA Candidate**  
American University  
3/1/1999 to 6/30/1999  
Assisting with house management for Discovery Theater as well as office work and research.

Hilary Welbourne  
**BA**  
Lycoming College  
2/8/1999 to 7/30/1999  
Competitive analysis of study tours in travel marketplace—including inquiry fulfillment processes and competitive tour offerings.

**Utilities Operation and Maintenance**

Rose Coniglio  
**MA Candidate**  
George Washington University  
6/14/1999 to 8/30/1999  
Working on a water treatment systems project.
The following table lists only those grants and contracts that were awarded to Smithsonian Institution offices and bureaus during fiscal year 1999. Ongoing grants and contracts that were originally awarded in previous fiscal years are not included here.

### Annual Report of Award Activities 1 October 1998–30 September 1999

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor</th>
<th>Project Title</th>
<th>Amount Awarded</th>
<th>Project Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Anacostia Museum</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Banks, Joanna</td>
<td>Freddie Mac Foundation</td>
<td>Lucy E. Moten Elementary School Partnership</td>
<td>35,000</td>
<td>Education</td>
</tr>
<tr>
<td>Willis, Deborah</td>
<td>Trellis Fund</td>
<td>Locating the Spirit: Religion and Spirituality in African American Art</td>
<td>15,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Willis, Deborah</td>
<td>Nathan Cummings Foundation</td>
<td>Locating the Spirit: Religion and Spirituality in African American Art</td>
<td>15,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td><strong>Archives of American Art</strong></td>
<td></td>
<td></td>
<td>Subtotals: 65,000</td>
<td></td>
</tr>
<tr>
<td>Dawson, Barbara</td>
<td>Abington Foundation</td>
<td>Inventory of William Mozart McVey Documents</td>
<td>10,000</td>
<td>Research</td>
</tr>
<tr>
<td><strong>Center for Folklife and Cultural Heritage</strong></td>
<td></td>
<td></td>
<td>Subtotals: 10,000</td>
<td></td>
</tr>
<tr>
<td>Kennedy, Richard</td>
<td>Henry Luce Foundation</td>
<td>Cultural Research, Documentation, and Conservation</td>
<td>120,000</td>
<td>Education</td>
</tr>
<tr>
<td>Kennedy, Richard</td>
<td>Asian Cultural Council</td>
<td>Tibetan Culture Beyond the Land of Snows Programs</td>
<td>8,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Kurin, Richard</td>
<td>New Hampshire Culture Commission</td>
<td>Celebrate New Hampshire Culture Component —1999 Folklife Festival</td>
<td>72,370</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Kurin, Richard</td>
<td>Rockefeller Foundation</td>
<td>A Global Assessment of the 1989 UNESCO Recommendation on the Safeguarding of Traditional Culture and Folklore: Local Empowerment and International Cooperation</td>
<td>10,000</td>
<td>Research</td>
</tr>
<tr>
<td>Kurin, Richard</td>
<td>National Park Foundation</td>
<td>America’s Millennium—Honor the Past, Imagine the Future</td>
<td>438,830</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Seeger, Anthony</td>
<td></td>
<td>1989 UNESCO International Conference—Global Assessment of the 1989 UNESCO Recommendations on the Safeguarding of Traditional Culture and Folklore</td>
<td>10,000</td>
<td>Other</td>
</tr>
<tr>
<td><strong>Subtotals:</strong></td>
<td></td>
<td></td>
<td>1,036,310</td>
<td></td>
</tr>
<tr>
<td>Principal Investigator</td>
<td>Sponsor</td>
<td>Project Title</td>
<td>Amount Awarded</td>
<td>Project Purpose</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------</td>
<td>---------------</td>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td><strong>Center for Materials Research and Education</strong>&lt;br&gt;Beaubien, Harriet</td>
<td>Kress Foundation</td>
<td>Archeological Conservation Internship Program</td>
<td>18,000</td>
<td>Education</td>
</tr>
<tr>
<td><strong>Center for Museum Studies</strong>&lt;br&gt;Craig, Bruce</td>
<td>Nathan Cummings Foundation</td>
<td>Moving Online</td>
<td>40,000</td>
<td>Education</td>
</tr>
<tr>
<td>Craig, Bruce</td>
<td>Bisbee Mining and Historical Museum (Affiliation)</td>
<td>Think Big Plan for Small Museums—Workshops</td>
<td>4,433</td>
<td>Education</td>
</tr>
<tr>
<td>Craig, Bruce</td>
<td>Montgomery Community College</td>
<td>NEH Seminar Series</td>
<td>4,031</td>
<td>Education</td>
</tr>
<tr>
<td><strong>Cooper Hewitt National Design Museum</strong>&lt;br&gt;Clark, Ina</td>
<td>New York State Council on the Arts</td>
<td>Andrew Carnegie Mansion Booklet</td>
<td>6,000</td>
<td>Other</td>
</tr>
<tr>
<td><strong>Freer Gallery of Art</strong>&lt;br&gt;McCarthy, Blythe</td>
<td>US Dept of the Interior/National Park Service</td>
<td>Examination of Gilded Bronze Using Nondestructive Eddy Current Techniques</td>
<td>17,200</td>
<td>Research</td>
</tr>
<tr>
<td><strong>Hirshhorn Museum and Sculpture Garden</strong>&lt;br&gt;Benezra, Neal</td>
<td>Fundacao Luso-Americana</td>
<td>Directions—Juliao Sarmento</td>
<td>16,854</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Benezra, Neal</td>
<td>Peter Norton Family Foundation</td>
<td>Regarding Beauty: A View of the Late Twentieth Century</td>
<td>25,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Benezra, Neal</td>
<td>Andy Warhol Foundation for the Visual Arts</td>
<td>Regarding Beauty</td>
<td>35,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Benezra, Neal</td>
<td>Mondriaan Foundation</td>
<td>Marlene Dumas (Regarding Beauty)</td>
<td>1,522</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Benezra, Neal</td>
<td></td>
<td>Pipilotti Rist (Regarding Beauty)</td>
<td>4,629</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Benezra, Neal</td>
<td>Institut fur Auslandsbeziehungen</td>
<td>Regarding Beauty: Rosemarie Trockel/Imi Knoebel</td>
<td>5,475</td>
<td>Exhibition</td>
</tr>
<tr>
<td><strong>National Air and Space Museum</strong>&lt;br&gt;Campbell, Bruce</td>
<td>NASA/Goddard Space Flight Center</td>
<td>Planetary Remote Sensing: Linking Observations, Theory, and Field Studies</td>
<td>53,000</td>
<td>Research</td>
</tr>
<tr>
<td>Campbell, Bruce</td>
<td>National Aeronautics and Space Administration</td>
<td>Radar Studies of the Lunar Regolith—Year 2</td>
<td>31,031</td>
<td>Research</td>
</tr>
<tr>
<td>Cook, Anthony</td>
<td>Centre National De La Recherche Scientifique</td>
<td>CNRS—Geometry and Development of Fracture Zones in Relation to Dike Emplacement on Mars</td>
<td>2,300</td>
<td>Research</td>
</tr>
<tr>
<td>Name</td>
<td>Organization/Institution</td>
<td>Project Description</td>
<td>Amount</td>
<td>Category</td>
</tr>
<tr>
<td>------------------</td>
<td>--------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>----------</td>
<td>------------</td>
</tr>
<tr>
<td>Cook, Anthony</td>
<td>NASA/Headquarters</td>
<td>Planet-Wide Digital Elevation Models of the Lunar Surface</td>
<td>30,900</td>
<td>Research</td>
</tr>
<tr>
<td>Geyer, Victor</td>
<td>National Aeronautics and Space Administration</td>
<td>Faint Object Spectrograph (FOS) Exhibit Case—NASA</td>
<td>13,377</td>
<td>Research</td>
</tr>
<tr>
<td>Maxwell, Ted</td>
<td>National Aeronautics and Space Administration</td>
<td>Geomorphic Analysis of the Martian Highlands</td>
<td>55,000</td>
<td>Research</td>
</tr>
<tr>
<td>Needell, Allan</td>
<td>US Dept of the Interior</td>
<td>Save America’s Treasures—Artifacts of the Apollo Space Program</td>
<td>1,350,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Scheffler, Elizabeth</td>
<td>Emil Buehler Trust</td>
<td>Support for the Dulles Center Capital Campaign</td>
<td>1,000,000</td>
<td>Other</td>
</tr>
<tr>
<td>Scheffler, Elizabeth</td>
<td>US Dept of Transportation (IAT)</td>
<td>Transportation Related Projects, Artifacts, and Research, Year 2</td>
<td>883,000</td>
<td>Other</td>
</tr>
<tr>
<td>Taylor, Mark</td>
<td>National Film Preservation Foundation</td>
<td>Millennium Project—Treasures of American Film Archives</td>
<td>10,264</td>
<td>Other</td>
</tr>
<tr>
<td>Watters, Thomas</td>
<td>Gertrude E. Skelly Charitable Foundation</td>
<td>NASA Web Site Development</td>
<td>45,000</td>
<td>Research</td>
</tr>
<tr>
<td>Watters, Thomas</td>
<td>National Aeronautics and Space Administration</td>
<td>Studies of Tectonic Features on Mars</td>
<td>29,600</td>
<td>Research</td>
</tr>
<tr>
<td>Watters, Thomas</td>
<td>National Aeronautics and Space Administration</td>
<td>Comparative Studies of Tectonic Features on the Terrestrial Planets</td>
<td>25,000</td>
<td>Research</td>
</tr>
<tr>
<td>Zimbelman, James</td>
<td>National Aeronautics and Space Administration</td>
<td>Evaluation of the Controlling Influence of Topography on the Replacement of Large Flow Fields</td>
<td>30,000</td>
<td>Research</td>
</tr>
<tr>
<td>Zimbelman, James</td>
<td>NASA/Goddard Space Flight Center</td>
<td>Evaluation of the Controlling Influence of Topography on the Emplacement of Large Flow Fields</td>
<td>17,000</td>
<td>Research</td>
</tr>
<tr>
<td>Zimbelman, James</td>
<td>NASA/Goddard Space Flight Center</td>
<td>Regional Planetary Image Facility</td>
<td>39,000</td>
<td>Research</td>
</tr>
<tr>
<td>Zimbelman, James</td>
<td>National Aeronautics and Space Administration</td>
<td>Topical Geological Mapping of Mars and Venus</td>
<td>22,000</td>
<td>Research</td>
</tr>
<tr>
<td>Zimbelman, James</td>
<td>National Aeronautics and Space Administration</td>
<td>Evaluation of the Paleoflood Hypothesis for Mars and Earth Through Investigation of Unconfined Fluvial Processes</td>
<td>47,500</td>
<td>Research</td>
</tr>
<tr>
<td>National Museum of American Art</td>
<td>National Endowment for the Arts</td>
<td>Archiving NEA’s Visual Arts Program (Interagency Agreement—Third Phase)</td>
<td>430,000</td>
<td>Research</td>
</tr>
<tr>
<td>Broun, Elizabeth</td>
<td>Community Foundation for the National Capitol Region</td>
<td>Docent Programs at NMAA</td>
<td>9,000</td>
<td>Education</td>
</tr>
<tr>
<td>Broun, Elizabeth</td>
<td>Community Foundation for the National Capitol Region</td>
<td>Docent Programs at NMAA</td>
<td>13,925</td>
<td>Education</td>
</tr>
<tr>
<td>National Museum of American History</td>
<td>Polo Ralph Lauren Corporation</td>
<td>Star-Spangled Banner Preservation Project</td>
<td>9,800,001</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Becker, Ronald</td>
<td>US Dept of the Interior/National Park Service (IAT)</td>
<td>Star-Spangled Banner Preservation Project</td>
<td>3,000,000</td>
<td>Exhibition</td>
</tr>
</tbody>
</table>

Subtotals: 3,683,972

National Museum of American Art

Broun, Elizabeth | Community Foundation for the National Capitol Region | Docent Programs at NMAA                                                             | 9,000    | Education  |

Subtotals: 452,925

National Museum of American History

Becker, Ronald    | Polo Ralph Lauren Corporation                   | Star-Spangled Banner Preservation Project                                             | 9,800,001 | Exhibition |
| Becker, Ronald   | US Dept of the Interior/National Park Service (IAT) | Star-Spangled Banner Preservation Project                                             | 3,000,000 | Exhibition |

Subtotals: 3,683,972

18

3
<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor</th>
<th>Project Title</th>
<th>Amount Awarded</th>
<th>Project Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clough, Camilla</td>
<td>Memphis Rock 'N' Soul, Inc.</td>
<td>Rock 'n' Soul Exhibition</td>
<td>308,741</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Finn, Bernard</td>
<td>Sloan Foundation</td>
<td>Projects &quot;Electric Lighting&quot; and &quot;Alternative Methods of Power Generation&quot;</td>
<td>136,275</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Hacker, Barton</td>
<td>US DoD/Department of the Army</td>
<td>U.S. Military Academy Exhibit</td>
<td>5,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Kondratas, Ramunas</td>
<td>World Federation for Ultrasound in Medicine and Biology</td>
<td>Publication of World History of Medical Ultrasound</td>
<td>40,000</td>
<td>Research</td>
</tr>
<tr>
<td>Lukkar, Steven</td>
<td>National Museum of Industrial History (Affiliation)</td>
<td>National Museum of Industrial History—Feasibility Study (Amendment No. 2)</td>
<td>10,000</td>
<td>Other</td>
</tr>
<tr>
<td>Moella, Arthur</td>
<td>Lemelson Foundation</td>
<td>Traveling Exhibition</td>
<td>2,500,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Moella, Arthur</td>
<td>Lemelson Foundation</td>
<td>Hands On Science Center Collaboration</td>
<td>750,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Shay, Wendy</td>
<td>National Film Preservation Foundation</td>
<td>Harry Carney and Western Union Collections</td>
<td>12,335</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Shay, Wendy</td>
<td>National Film Preservation Foundation</td>
<td>Shoes on the Move</td>
<td>883</td>
<td>Other</td>
</tr>
<tr>
<td>Spiess, Katherine</td>
<td>Women's Museum: An Institute for the Future (Affiliation)</td>
<td>Feasibility Analysis</td>
<td>11,400</td>
<td>Other</td>
</tr>
<tr>
<td>Sturm, Gary</td>
<td>Federal City Council (Affiliation)</td>
<td>National Music Museum Feasibility Study</td>
<td>200,060</td>
<td>Other</td>
</tr>
<tr>
<td>Sturm, Gary</td>
<td>Federal City Council (Affiliation)</td>
<td>National Music Museum Feasibility Study/Year 2</td>
<td>197,925</td>
<td>Other</td>
</tr>
<tr>
<td>Turner, Steven</td>
<td>Chabor Space: Science Center (Affiliation)</td>
<td>Feasibility/Cost Analysis Study</td>
<td>75,577</td>
<td>Other</td>
</tr>
<tr>
<td>Witkin, William</td>
<td>B&amp;O Railroad Museum</td>
<td>B&amp;O Railroad Feasibility Study</td>
<td>4,588</td>
<td>Other</td>
</tr>
</tbody>
</table>

National Museum of Natural History

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Sponsor</th>
<th>Project Title</th>
<th>Amount Awarded</th>
<th>Project Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acevedo, Pedro</td>
<td>US Dept of Agriculture</td>
<td>Monocots of Puerto Rico and the Virgin Islands</td>
<td>5,000</td>
<td>Other</td>
</tr>
<tr>
<td>Acevedo, Pedro</td>
<td>US Dept of Agriculture</td>
<td>The Vines of Puerto Rico and the Virgin Islands</td>
<td>5,000</td>
<td>Research</td>
</tr>
<tr>
<td>Barse, William</td>
<td>Heinz Family Foundation</td>
<td>Initiating Household Archeology in the Orinoco: Test Excavations at Pozo Azul Norte-2, Amazonas State, Venezuela</td>
<td>7,780</td>
<td>Research</td>
</tr>
<tr>
<td>Bell, Deborah</td>
<td>National Institutes of Health</td>
<td>The Mounting of Herbarium Specimens</td>
<td>2,835</td>
<td>Other</td>
</tr>
<tr>
<td>Crowell, Aron</td>
<td>ARCO Foundation</td>
<td>Looking Both Ways: Heritage and Identity of the Alutiq People</td>
<td>5,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Crowell, Aron</td>
<td>Alaska Humanities Forum/NEH</td>
<td>Looking Both Ways: Heritage and Identity of the Alutiq People</td>
<td>8,000</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Dallmeier, Francisco</td>
<td>Keidanren Nature Conservation Fund</td>
<td>Forest Biodiversity Conservation and Monitoring in the Philippines</td>
<td>45,755</td>
<td>Research</td>
</tr>
<tr>
<td>Dallmeier, Francisco</td>
<td>Shell International</td>
<td>Biodiversity and The Camisea Project: A Legacy for Conservation and Development</td>
<td>145,000</td>
<td>Research</td>
</tr>
</tbody>
</table>

Subtotals: 17,052,785
<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Project</th>
<th>Amount</th>
<th>Category</th>
</tr>
</thead>
<tbody>
<tr>
<td>DePriest, Paula</td>
<td>National Science Foundation</td>
<td>Monographic Studies in the Cladoniaceae</td>
<td>150,000</td>
<td>Research</td>
</tr>
<tr>
<td>Dove, Carla</td>
<td>US Dept of the Air Force</td>
<td>Bird Aircraft Strike Hazard (BASH) Program—IAT</td>
<td>295,036</td>
<td>Other</td>
</tr>
<tr>
<td>Dove, Carla</td>
<td>US Dept of the Air Force</td>
<td>Bird Aircraft Strike Hazard (BASH) Program</td>
<td>45,000</td>
<td>Research</td>
</tr>
<tr>
<td>Dove, Carla</td>
<td>US Dept of the Air Force</td>
<td>Bird Aircraft Strike Hazard (BASH) Program</td>
<td>19,300</td>
<td>Research</td>
</tr>
<tr>
<td>Erwin, Douglas</td>
<td>Harvard University/NASA</td>
<td>The Planetary Context of Biological Evolution</td>
<td>4,184</td>
<td>Research</td>
</tr>
<tr>
<td>Erwin, Douglas</td>
<td>Harvard University/NASA</td>
<td>The Planetary Context of Biological Evolution</td>
<td>3,750</td>
<td>Research</td>
</tr>
<tr>
<td>Erwin, Douglas</td>
<td>Harvard University/NASA</td>
<td>The Planetary Context of Biological Evolution</td>
<td>931</td>
<td>Research</td>
</tr>
<tr>
<td>Fauchald, Kristian</td>
<td>National Science Foundation</td>
<td>Biological Collections from Polar Regions</td>
<td>249,872</td>
<td>Research</td>
</tr>
<tr>
<td>Fauchald, Kristian</td>
<td>US Dept of the Interior</td>
<td>Disposition of Biological Specimens from the Outer Continental Shelf</td>
<td>69,761</td>
<td>Research</td>
</tr>
<tr>
<td>Fitzhugh, William</td>
<td>Nippon Foundation</td>
<td>Opening Reception for the Exhibition Ainu: Spirit of a Northern People</td>
<td>49,500</td>
<td>Other</td>
</tr>
<tr>
<td>Fitzhugh, William</td>
<td>Nordic Council of Ministers</td>
<td>West Viking Exhibit</td>
<td>269,431</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Fitzhugh, William</td>
<td>Nordic Council of Ministers</td>
<td>Viking: North Atlantic Saga</td>
<td>636,325</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Fitzhugh, William</td>
<td>Japan-United States Friendship Commission</td>
<td>Catalogue to Accompany the Exhibit “Ainu-Spirit of a Northern People”</td>
<td>50,000</td>
<td>Other</td>
</tr>
<tr>
<td>Greene, Candace</td>
<td>US Dept of the Interior</td>
<td>Artwork Collection, National Anthropological Archives</td>
<td>228,664</td>
<td>Other</td>
</tr>
<tr>
<td>Heyer, W. Ronald</td>
<td>NASA/Goddard Space Flight Center</td>
<td>Amphibian Populations and Global Climates Meeting</td>
<td>10,639</td>
<td>Other</td>
</tr>
<tr>
<td>Homiak, John</td>
<td>National Film Preservation Foundation</td>
<td>Laboratory-Archive Partnership (LP) Grant Agreement</td>
<td>2,500</td>
<td>Other</td>
</tr>
<tr>
<td>Homiak, John</td>
<td>National Film Preservation Foundation</td>
<td>Treasures of American Film Archives</td>
<td>14,754</td>
<td>Other</td>
</tr>
<tr>
<td>Krupnik, Igor</td>
<td>University of Alaska, Fairbanks/DOC/NOAA</td>
<td>Ecosystem Variability and Subsistence Hunting Pressure in the Bering Strait Area</td>
<td>71,250</td>
<td>Research</td>
</tr>
<tr>
<td>Laurance, William</td>
<td>Conservation, Food and Health Foundation, Inc</td>
<td>Floristic Changes in Amazonian Forest Fragments and the Effects of Soils on Plant Distributions</td>
<td>19,200</td>
<td>Research</td>
</tr>
<tr>
<td>Laurance, William</td>
<td>NASA/Goddard Space Flight Center</td>
<td>Anthropogenic Landscape Changes and the Dynamics of Amazonian Forest Bio Mass</td>
<td>241,659</td>
<td>Research</td>
</tr>
<tr>
<td>MacPherson, Glenn</td>
<td>NASA/Goddard Space Flight Center</td>
<td>Isotopic, Petrologic and Trace Element Studies of Primitive Solar System Material</td>
<td>93,417</td>
<td>Research</td>
</tr>
<tr>
<td>Madeira, Joseph</td>
<td>Japan Foundation</td>
<td>Ainu: Spirit of a Northern People</td>
<td>88,118</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Mathis, Wayne</td>
<td>National Science Foundation</td>
<td>PEET: Monographic Research in the Diptera</td>
<td>82,400</td>
<td>Research</td>
</tr>
<tr>
<td>McCoy, Timothy</td>
<td>NASA/Goddard Space Flight Center</td>
<td>Experimental Studies of Igneous Processes in Enstatite Meteorites</td>
<td>17,500</td>
<td>Research</td>
</tr>
<tr>
<td>McCoy, Timothy</td>
<td>National Aeronautics and Space Administration</td>
<td>Experimental Studies of Igneous Processes in Enstatite Meteorites</td>
<td>32,000</td>
<td>Research</td>
</tr>
<tr>
<td>McCoy, Timothy</td>
<td>National Science Foundation</td>
<td>RTP/AMP Partnership at the National Museum of Natural History</td>
<td>60,109</td>
<td>Other</td>
</tr>
<tr>
<td>Principal Investigator</td>
<td>Sponsor</td>
<td>Project Title</td>
<td>Amount Awarded</td>
<td>Project Purpose</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------</td>
<td>---------------</td>
<td>----------------</td>
<td>----------------</td>
</tr>
<tr>
<td>Norenburg, Jon</td>
<td>George Washington University/NSF</td>
<td>Bringing the Phylum Nemertea and its Taxonomy into the 20th and 21st Centuries</td>
<td>6,562</td>
<td>Research</td>
</tr>
<tr>
<td>Norenburg, Jon</td>
<td>George Washington University/NSF</td>
<td>Bringing the Phylum Nemertea and its Taxonomy into the 20th Century</td>
<td>59,620</td>
<td>Research</td>
</tr>
<tr>
<td>Norenburg, Jon</td>
<td>National Institutes of Health</td>
<td>Maintaining Voucher Collection of Marine Animals</td>
<td>9,999</td>
<td>Other</td>
</tr>
<tr>
<td>O'Reilly, Laurence</td>
<td>National Science Foundation</td>
<td>Wonders of Life: A Large Format Film</td>
<td>856,214</td>
<td>Other</td>
</tr>
<tr>
<td>O'Reilly, Laurence</td>
<td>National Science Foundation</td>
<td>Wonders of Life: A Large Format Film</td>
<td>1,034,929</td>
<td>Other</td>
</tr>
<tr>
<td>Osterman, Lisa</td>
<td>Texas A&amp;M Research Foundation/NSF</td>
<td>Paleoclimatology of Ocean Drilling Program: Antarctic Rise Sites 1095, 1096 &amp; 1101</td>
<td>20,035</td>
<td>Research</td>
</tr>
<tr>
<td>Owsley, Douglas</td>
<td>Parsons Engineering Science, Inc.</td>
<td>Skeletal Analysis Consultation</td>
<td>7,500</td>
<td>Other</td>
</tr>
<tr>
<td>Pohwat, Paul</td>
<td>Bisbee Mining and Historical Museum (Affiliation)</td>
<td>Feasibility and Cost Analysis Study</td>
<td>3,667</td>
<td>Other</td>
</tr>
<tr>
<td>Rice, Mary</td>
<td>Link Foundation</td>
<td>Marine Science Fellowship Program</td>
<td>15,000</td>
<td>Other</td>
</tr>
<tr>
<td>Rice, Mary</td>
<td>St. Lucie School District</td>
<td>Developing a Collaborative Educational Program with St. Lucie County School Board</td>
<td>29,000</td>
<td>Education</td>
</tr>
<tr>
<td>Rostker, Heather</td>
<td>Ringing Rock Foundation</td>
<td>African Voices Project</td>
<td>2,500</td>
<td>Exhibition</td>
</tr>
<tr>
<td>Sikes, Nancy</td>
<td>Boise Fund</td>
<td>Floral Microhabitat Reconstruction at Olduvai Gorge by Stable Isotope Analysis of Paleosols</td>
<td>560</td>
<td>Research</td>
</tr>
<tr>
<td>Simons, Ross</td>
<td>National Science Foundation</td>
<td>National Museum of Natural History Research Training Program</td>
<td>76,200</td>
<td>Education</td>
</tr>
<tr>
<td>Stevens, Linda</td>
<td>Cafritz Foundation</td>
<td>The New Discovery Room</td>
<td>100,000</td>
<td>Education</td>
</tr>
<tr>
<td>Taylor, Paul</td>
<td>Chung Ching-Kuo Foundation</td>
<td>Collections-Based Research and Field Studies for an Interpretive Catalog of Indigenous Taiwanese Ethnographic Collections</td>
<td>45,000</td>
<td>Research</td>
</tr>
<tr>
<td>Taylor, Paul</td>
<td>San Carlos Institute (Affiliation)</td>
<td>The Pichs Collection: Exploring Cuba's History Through Postal Stamps</td>
<td>12,480</td>
<td>Other</td>
</tr>
<tr>
<td>Wagner, Warren</td>
<td>US Dept of Agriculture, Natural Resources Conservation Serv</td>
<td>Vascular Plant Checklist Database</td>
<td>10,000</td>
<td>Other</td>
</tr>
<tr>
<td>Walsh, Jane</td>
<td>Miami Museum of Science</td>
<td>Smithsonian Expeditions: Exploring Latin America</td>
<td>72,470</td>
<td>Other</td>
</tr>
<tr>
<td>Wilson, Don</td>
<td>Homeland Foundation</td>
<td>Biological Dynamics of Forest Fragments Project</td>
<td>20,000</td>
<td>Research</td>
</tr>
<tr>
<td>Wilson, Don</td>
<td>US Environmental Protection Agency</td>
<td>Enhanced Training and Outreach: Biological Dynamics of Forest Fragments Project</td>
<td>150,000</td>
<td>Other</td>
</tr>
<tr>
<td>Wilson, Don</td>
<td>US Environmental Protection Agency</td>
<td>Interagency Taxonomic Information System—Data Development</td>
<td>243,300</td>
<td>Other</td>
</tr>
</tbody>
</table>

Subtotals: 5,902,884 58
<table>
<thead>
<tr>
<th>National Museum of the American Indian</th>
<th>Support for Conservation Training</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bernstein, Bruce</td>
<td>Andrew W. Mellon Foundation</td>
<td>953,000</td>
</tr>
<tr>
<td>Carlin, John</td>
<td>Akaloo Resource Foundation</td>
<td>50,000</td>
</tr>
<tr>
<td>deMontano, Marty</td>
<td>New York State Council on the Arts</td>
<td>15,000</td>
</tr>
<tr>
<td>Hawthorne, John</td>
<td>City of New York</td>
<td>25,000</td>
</tr>
<tr>
<td>Heth, Charlotte</td>
<td>Akaloo Resource Foundation</td>
<td>50,000</td>
</tr>
<tr>
<td>Weatherford, Elizabeth</td>
<td>New York State Council on the Arts</td>
<td>7,000</td>
</tr>
<tr>
<td>Subtotals: 1,100,000</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>National Science Resources Center</th>
<th>Science and Technology Concepts for Middle School — Year Three Funding</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lapp, Douglas</td>
<td>National Science Foundation</td>
<td>912,307</td>
</tr>
<tr>
<td>Lapp, Douglas</td>
<td>National Science Foundation</td>
<td>1,196,987</td>
</tr>
<tr>
<td>Subtotals: 2,109,294</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>National Zoological Park</th>
<th>Reintroduction of Golden Lion Tamarins</th>
<th>Research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beck, Benjamin</td>
<td>Frankfort Zoological Society</td>
<td>52,533</td>
</tr>
<tr>
<td>Brown, Janine</td>
<td>American Zoo and Aquarium Association</td>
<td>6,750</td>
</tr>
<tr>
<td>Buff, Jennifer</td>
<td>Commonwealth of Virginia</td>
<td>14,101</td>
</tr>
<tr>
<td>Dittus, Wolfgang</td>
<td>Earthwatch Institute</td>
<td>79,200</td>
</tr>
<tr>
<td>Dittus, Wolfgang</td>
<td>Earthwatch Institute</td>
<td>105,600</td>
</tr>
<tr>
<td>Frazier, Jack</td>
<td>National Wildlife Federation</td>
<td>25,000</td>
</tr>
<tr>
<td>Gibson, Margie</td>
<td>World Wildlife Fund</td>
<td>1,130</td>
</tr>
<tr>
<td>Gibson, Margie</td>
<td>World Wildlife Fund</td>
<td>2,256</td>
</tr>
<tr>
<td>Greenberg, Russell</td>
<td>National Geographic Society</td>
<td>18,000</td>
</tr>
<tr>
<td>Hagedorn, Mary</td>
<td>National Institutes of Health</td>
<td>87,120</td>
</tr>
<tr>
<td>Hagedorn, Mary</td>
<td>National Institutes of Health</td>
<td>90,604</td>
</tr>
<tr>
<td>Hagedorn, Mary</td>
<td>US Dept of Commerce/Sea Grant College (Maryland)</td>
<td>41,605</td>
</tr>
<tr>
<td>Marra, Peter</td>
<td>National Geographic Society</td>
<td>13,800</td>
</tr>
<tr>
<td>McShea, William</td>
<td>Earthwatch Institute</td>
<td>13,500</td>
</tr>
<tr>
<td>McShea, William</td>
<td>National Geographic Society</td>
<td>16,905</td>
</tr>
<tr>
<td>McShea, William</td>
<td>US Dept of Agriculture</td>
<td>32,500</td>
</tr>
<tr>
<td>Subtotals:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Principal Investigator</td>
<td>Sponsor</td>
<td>Project Title</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------</td>
<td>---------------</td>
</tr>
<tr>
<td>Oftedal, Olav</td>
<td>Kent State University/NIH</td>
<td>Determinants of Reproductive Competence in Callitrichids</td>
</tr>
<tr>
<td>Penfold, Linda</td>
<td>Morris Animal Foundation</td>
<td>Understanding the Reproductive Biology of Gerenuk</td>
</tr>
<tr>
<td>Petit, Lisa</td>
<td>US Dept of the Interior/US Geological Survey/BRD</td>
<td>Breeding Success of Bird Species Nesting in Forest Understory</td>
</tr>
<tr>
<td>Petit, Lisa</td>
<td>US Dept of the Interior</td>
<td>Impacts of White-Tailed Deer on Forest Understory Birds in the Cuyahoga Valley National Recreational Areas</td>
</tr>
<tr>
<td>Rappole, John</td>
<td>Defenders of Wildlife</td>
<td>Neotropical Migrants</td>
</tr>
<tr>
<td>Robinson, Michael</td>
<td>Friends of the National Zoo</td>
<td>Calendar Year 1999 FONZ Grant Program</td>
</tr>
<tr>
<td>Rudran, Rasanyagam</td>
<td>Project Nature Conservation and Buffer Zone Development/GTZ</td>
<td>Conservation Biology and Wildlife Management Training in Mongolia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Subtotals: 1,519,439</td>
</tr>
<tr>
<td>Office of Exhibits</td>
<td>Bisbee Mining and Historical Museum (Affiliation)</td>
<td>Digging In</td>
</tr>
<tr>
<td>Central Bird, Mary</td>
<td></td>
<td>Subtotals: 77,603</td>
</tr>
<tr>
<td>Office of the Provost</td>
<td>Mitsubishi Corporation</td>
<td>Smithsonian Environmental Leadership Course</td>
</tr>
<tr>
<td>Dallmeier, Francisco</td>
<td>Japanese American National Museum</td>
<td>From Bento to Mixed Plate: Americans of Japanese Ancestry in Multicultural Hawaii</td>
</tr>
<tr>
<td>Dorn, Ellen</td>
<td>Rockefeller Foundation</td>
<td>A More Perfect Union: Japanese Americans and the US Constitution</td>
</tr>
<tr>
<td>Odo, Franklin</td>
<td>Rockefeller Foundation</td>
<td>Humanities Fellowships on Latino Cultural Research in a Museum Context—Year 3</td>
</tr>
<tr>
<td>Rochin, Refugio</td>
<td>Rockefeller Foundation</td>
<td>Subtotals: 236,495</td>
</tr>
<tr>
<td>Office of the Secretary</td>
<td>Getty Grant Program</td>
<td>The Conditions for Culture and Cultural Institutions at the End of the 20th Century: An Inquiry</td>
</tr>
<tr>
<td>Muldoon, Claire</td>
<td></td>
<td>Subtotals: 20,000</td>
</tr>
<tr>
<td>Smithsonian Archives</td>
<td>National Film Preservation Foundation</td>
<td>The Smithsonian South American Expedition of 1939</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>---------------------------------------</td>
<td>--------------------------------------------------</td>
</tr>
<tr>
<td>Smithsonian Environmental Research Center</td>
<td>National Academy of Sciences</td>
<td>Parasitism of Bloom-Forming Dinoflagellates: Host Species</td>
</tr>
<tr>
<td>Correll, David</td>
<td>Academy of Natural Sciences</td>
<td>The Importance of Understanding Ecological Complexity to Predicting Effects of Multiple Stressors</td>
</tr>
<tr>
<td>Correll, David</td>
<td>US Dept of Energy</td>
<td>Impact of Elevated CO₂ on a Florida Scrub-Oak Ecosystems</td>
</tr>
<tr>
<td>Gallegos, Charles</td>
<td>St. Johns River Water Management District</td>
<td>Development of an Optical Water Quality Model for the Lower St. Johns River</td>
</tr>
<tr>
<td>Gallegos, Charles</td>
<td>American Petroleum Institute</td>
<td>Ballast Water Exchange Experiment</td>
</tr>
<tr>
<td>Neale, Patrick</td>
<td>Chesapeake Research Consortium, Inc./NSF</td>
<td>UV Effects on Marine Production by Bacteria and Phytoplankton: Assessing the Impact of Ozone Depletion</td>
</tr>
<tr>
<td>Ruiz, Gregory</td>
<td>US Dept of the Interior/Fish and Wildlife Service</td>
<td>Regional Research and Outreach: Experimental Analysis of Ballast Water Exchange</td>
</tr>
<tr>
<td>Ruiz, Gregory</td>
<td>US Dept of Transportation</td>
<td>National Ballast Information Clearinghouse</td>
</tr>
<tr>
<td>Ruiz, Gregory</td>
<td>US Dept of Transportation</td>
<td>National Ballast Information Clearinghouse</td>
</tr>
<tr>
<td>Ruiz, Gregory</td>
<td>US Dept of Defense</td>
<td>Marine Invasive Species: Patterns of Invasion and Impacts on Biodiversity</td>
</tr>
<tr>
<td>Ruiz, Gregory</td>
<td>State of Maryland/Department of Natural Resources</td>
<td>Analysis of Biofouling Organisms Associated with Powerplants: A Summary of Control Measures and the Importance Nonindigenous Species</td>
</tr>
<tr>
<td>Ruiz, Gregory</td>
<td>State of Oregon/Univ. of Oregon</td>
<td>The Green Crab (Carcinus maenus) in the Pacific Northwest</td>
</tr>
<tr>
<td>Principal Investigator</td>
<td>Sponsor</td>
<td>Project Title</td>
</tr>
<tr>
<td>------------------------</td>
<td>---------</td>
<td>---------------</td>
</tr>
<tr>
<td>Ruiz, Gregory</td>
<td>US Dept of Commerce/Natl Oceanic &amp; Atmospheric Admin</td>
<td>Marine and Estuarine Exotic Species Database of the Northeastern U.S.</td>
</tr>
<tr>
<td>Simons, Ross</td>
<td>Park Foundation</td>
<td>SERC Internship Summer Training Program</td>
</tr>
<tr>
<td>Weller, Donald</td>
<td>NASA/Interagency Transfer</td>
<td>Global Change Research Program</td>
</tr>
<tr>
<td>Whigham, Dennis</td>
<td>US Environmental Protection Agency</td>
<td>Nanticoke Wetland Assessment Study</td>
</tr>
<tr>
<td>Whigham, Dennis</td>
<td>US Environmental Protection Agency</td>
<td>Nanticoke Wetland Assessment Study</td>
</tr>
<tr>
<td><strong>Subtotals:</strong></td>
<td></td>
<td><strong>:</strong></td>
</tr>
<tr>
<td>Smithsonian Institution Traveling Exhibit Service</td>
<td></td>
<td>Rural Initiatives Program</td>
</tr>
<tr>
<td>Sewell, Martha</td>
<td>John S. and James L. Knight Foundation</td>
<td>Voyage: A Scale Model Solar System</td>
</tr>
<tr>
<td>Sewell, Martha</td>
<td>US Dept of Energy</td>
<td>Under the Sun: An Outdoor Exhibition of Light</td>
</tr>
<tr>
<td><strong>Subtotals:</strong></td>
<td></td>
<td><strong>:</strong></td>
</tr>
<tr>
<td>Smithsonian Office of Education</td>
<td></td>
<td>Museum Magnet School</td>
</tr>
<tr>
<td>Marable, Maria</td>
<td>District of Columbia</td>
<td></td>
</tr>
<tr>
<td>Smith, Michelle</td>
<td>US Dept of Education/IAT</td>
<td>Millennium Project—Smithsonian in Your Classroom</td>
</tr>
<tr>
<td><strong>Subtotals:</strong></td>
<td></td>
<td><strong>:</strong></td>
</tr>
<tr>
<td>Smithsonian Tropical Research Institute</td>
<td></td>
<td>Ship Operations 1999—URRACA</td>
</tr>
<tr>
<td>Barnes, Howard</td>
<td>National Science Foundation</td>
<td>Ship Operations—Training</td>
</tr>
<tr>
<td>Barnes, Howard</td>
<td>National Science Foundation</td>
<td>Molecular Analysis of Morphologically Defined Taxa in the Monastrea Annularis Complex</td>
</tr>
<tr>
<td>Coates, Anthony</td>
<td>State of California/NSF</td>
<td>Ecologically Guided Bioprospecting in Panama</td>
</tr>
<tr>
<td>Coley, Phyllis</td>
<td>National Institutes of Health</td>
<td>Ecologically Guided Bioprospecting in Panama</td>
</tr>
<tr>
<td>Coley, Phyllis</td>
<td>National Institutes of Health</td>
<td>Ecologically Guided Bioprospecting in Panama</td>
</tr>
<tr>
<td>Coley, Phyllis</td>
<td>National Institutes of Health</td>
<td>Panama Canal Watershed Natural Resources Monitoring Project</td>
</tr>
<tr>
<td>Condit, Richard</td>
<td>US Agency for International Development</td>
<td>Techniques for Analyzing Forest Structures with Remote Sensing in Panama</td>
</tr>
<tr>
<td>Condit, Richard</td>
<td>Harvard University</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Organization</td>
<td>Project Description</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------------------------------------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Condit, Richard</td>
<td>US Agency for International Development</td>
<td>Panama Canal Watershed Monitoring Program</td>
</tr>
<tr>
<td>Condit, Richard</td>
<td>US Agency for International Development</td>
<td>Panama Canal Watershed Natural Resources Monitoring Project (PMMC)</td>
</tr>
<tr>
<td>Condit, Richard</td>
<td>US DoD/Department of the Army</td>
<td>Ground-truth Work Relating to Hydric Fly-over</td>
</tr>
<tr>
<td>Herre, Allen</td>
<td>American Cocoa Research Institute</td>
<td>Studies of Symbiotic and Pathogenetic Fungi Associated with Cacao</td>
</tr>
<tr>
<td>Herre, Allen</td>
<td>American Cocoa Research Institute</td>
<td>Studies of Symbiotic and Pathogenetic Fungi Associated with Cacao, Year 2</td>
</tr>
<tr>
<td>Losos, Elizabeth</td>
<td>World Wildlife Fund, Inc./USAID</td>
<td>Long-term Monitoring of Forest Dynamics, Management, and Use of a Cameroonian Lowland Moist Forest</td>
</tr>
<tr>
<td>Losos, Elizabeth</td>
<td>Center for International Forestry Research</td>
<td>Forest Diversity and Dynamism Meeting</td>
</tr>
<tr>
<td>Losos, Elizabeth</td>
<td>Nature Conservancy</td>
<td>JI Feasibility Study</td>
</tr>
<tr>
<td>Losos, Elizabeth</td>
<td>US DoD/Department of the Army</td>
<td>Biodiversity Conservation and Training in Western Africa</td>
</tr>
<tr>
<td>Rubinoff, Ira</td>
<td>Tinker Foundation, Inc</td>
<td>Ecotourism for the New Millennium</td>
</tr>
<tr>
<td>Rubinoff, Ira</td>
<td>Turner Foundation</td>
<td>STRI General Support</td>
</tr>
<tr>
<td>Rubinoff, Ira</td>
<td>Mellon Foundation</td>
<td>Joint Program in Tropical Biology</td>
</tr>
<tr>
<td>Rubinoff, Ira</td>
<td>Andrew W. Mellon Foundation</td>
<td>Research in Tropical Plant Biology</td>
</tr>
<tr>
<td>Santos-Granero, Fernando</td>
<td>Wenner-Gren Foundation</td>
<td>Comparative Arawakan Histories: Rethinking Language, Family, and Culture Area in Amazonia</td>
</tr>
<tr>
<td>Wright, S. Joseph</td>
<td>University of California</td>
<td>Integration of Canopy and Hydraulic Architecture in Psychotria Species</td>
</tr>
<tr>
<td>Wright, S. Joseph</td>
<td>University of California</td>
<td>Integration of Canopy and Hydraulic Architecture in Neotropical Shrubs Along Light and Moisture Gradients</td>
</tr>
<tr>
<td>Wright, S. Joseph</td>
<td>University of California</td>
<td>Integration of Canopy and Hydraulic Architecture in Psychotria Species</td>
</tr>
</tbody>
</table>

Subtotals: 3,558,159

Totals: $40,472,379
During fiscal year 1999, the Smithsonian Institution Press released more than 50 publications, including trade books, exhibition catalogs, and monographs. The most important are listed below.


West, Patricia. *Domesticating History: The Political Origins of America's House Museums.*


Wooldridge, E. T. *Carrier Warfare in the Pacific: An Oral History Collection.* (pbk.)

**Federal Series Publications**

**Smithsonian Contributions to Anthropology**


**Smithsonian Contributions to Botany**


**Smithsonian Contributions to Paleobiology**


**Smithsonian Contributions to Zoology**


Publications of the Staff

Office of the Provost


Archives of American Art

Office of the Director


Freer Gallery of Art and Arthur M. Sackler Gallery

Office of the Director


Research and Collections Division


**Sound Recordings**

Blues Routes: Blues and Jazz, Heroes and Tricksters, Work songs and Street Music. SFW 40118.


Choose Your Partners! Contra Dance and Square Dance Music of New Hampshire. SFW 40126.


Ella Jenkins and the Goodwill Spiritual Choir of Chicago: American Folk Songs and Rhythms. SFW 45003.

Ella Jenkins and a Union of Friends Pulling Together. SFW 45046.


Lead Belly Sings for Children. SFW 45047.


The Mississippi: River of Song. SFW 40086.

Music of Indonesia 16: Music from the Southeast Sumbawa. Sumbawa, Timor. SFW 40443.

Music of Indonesia 17: Kalimantan: Dayak Ritual and Festival Music. SFW 40444.

Northumberland Rant: Traditional Music from the Edge of England. SFW 40473.


Saints’ Paradise: Trombone Shout Bands from the United House of Prayer. SFW 40117.


Taquachito Nights: Conjunto Music from South Texas. SFW 40477.

Tava, Among the Spirits: Sound, Music, and Nature in Sakha and Tava. SFW 40452.

**Film and Video**


Hosay Trinidad, by John Bishop with Frank Korom and Guha Shankar. 45-minute video.

**Cooper-Hewitt, National Design Museum**

Hirshhorn Museum and Sculpture Garden

Department of Public Programs


Conservation


National Air and Space Museum

Aeronautics Division


Archives Division


Center for Earth and Planetary Studies


Space History Division


National Museum of African Art


National Museum of African American Art (Smithsonian American Art Museum)


National Museum of American History

Office of the Director


Office of Curatorial Affairs


Department of History


Archives Center


Department of Information Technology & Society


Department of Social History


Department of Science, Medicine & Society


Department of History of Technology


Department of Social History


Department of Interdisciplinary Initiatives


Lemelson Center

Bedi, Joyce. Introduction to Ch. 2 of Research Budgets in an Age of Limits (Nomos Verlagsgesellschaft, 2000).


Office of Public Services

Education and Visitor Services


National Museum of the American Indian

Office of Public Programs

The Cultural Resource Center videotape was produced to present a behind-the-scenes look at how the staff of this facility deals with the unique challenges of handling and housing Native American artifacts. In addition, the tape provides an introduction to the National Museum of the American Indian. The videotape was created to show potential visitors what the center is and how it functions within the NMAI. Executive producer, Charlotte Heth; project manager, Machel Monenerkit; producer, Daniel Davis; director, Tarik Benbrahim. The Cultural Resource Center was completed in 1999.

Office of Curatorial Affairs


Office of Publications


National Museum of Natural History


Department of Anthropology


Department of Entomology


Lingafelter, S. W. "Redescription of Linsleyides Skiles (Coptera: Cerabycidae) and Inclusion of Elaphidion portoricensis Fisher.” University of Kansas Natural History Museum Special Publication (Entomological Contributions in Memory of Byron A. Alexander) 24 (1999): 17–20.


——. "Lectotype Designations in Xylomyidae and Stratiomyidae (Diptera)." *Entomological News* (1999).


### Department of Invertebrate Zoology


Department of Mineral Sciences


Department of Paleobiology


Randazzo, G., D. J. Stanley, S. I. Di Geronimo, and C. Amore. "Human-induced Sedimentological Changes in


**Department of Vertebrate Zoology**


National Portrait Gallery

Office of the Director


Department of History


Department of Painting and Sculpture


Peale Family Papers


Department of Photographs


Department of Prints and Drawings


National Postal Museum

Curatorial Department

Pope, Nancy A. "As Precious as Gold," EnRoute Vol. 7 #3.


National Zoological Park


Pelican, K.M., Pukazhenthi, B.S., Wildt, D.E., Howard, J.G.: Discontinuous colloidal gradient centrifugation reduces sperm flagellum abnormalities but disrupts...


Smithsonian Astrophysical Observatory


Chen, W., McCarthy, M. C., Novick, S. E., and Thaddeus, P. “Microwave Spectra of the Methylpolyyynes CH$_3$(C$_2$H$_n$) and CH$_3$(C$_3$H$_n$).” *Journal of Molecular Spectroscopy* 196 (1999): 335.


D’Alessio, P., Cantó, J., Hartmann, L., Calver, N., and Lizano, S. “On the Thermal Stability of Irradiation-Dominated Pre-


Birth and Evolution of Galaxies in the Early Universe.”


Finoguenov, A., Jones, C., Forman, W., and David, L. “Stellar Metallicities and Type Ia Supernova Rates in the Early-Type Galaxy NGC 5846 from ROSAT and ASCA Observations.”


Forrey, R. C., Balakrishnan, N., and Dalgarno, A. “Quasi-resonant Energy Transfer in Ultracold Atom-Diatom Collisions.”


Forrey, R. C., Balakrishnan, N., Kharchenko, V., and Dalgarno, A. “Feshbach Resonances in Ultracold Atom-Diatom Scattering.”


Frazin, R. C., Kharchenko, V., Balakrishnan, N., and Dalgarno, A. “Vibrational Relaxation of Trapped Molecules.”


Janzen, P. H., Gardner, I. D., Reisenfeld, D. B., Savin, D. W., Kohl, J. L., and Bartschat, K. “Reevaluation of


Nicastro, F., Fiore, F., Perola, G. C., and Elvis, M. "Ionized Absorbers in Active Galactic Nuclei: The Role of


of Markarian 501 in Very High Energy Gamma Rays.”
Quinn, J., Bond, I. H., Boyle, P. J., Buckley, J. H.,
Bradbury, S. M., Breslin, A. C., Burdett, A. M., Bussons
Gordo, J., Carter-Lewis, D. A., Catanese, M., Cavley, M. E.,
Fegan, D. J., Finley, J. P., Gaidos, J. A., Hall, A.,
Hillas, A. M., Kronrich, E., Lamb, R. C., Lessard, R.,
Masterson, C., McEnery, J. E., Mohrny, G., Moriarty, P.,
Rodgers, A. J., Rose, H. J., Samuelson, F. W., Semborski,
G. H., Srinivasan, R., Weekes, T. C., and Zweerink, J.
“TeV Observations of the Variability and Spectrum of
Markarian 501.” In Proceedings of the 25th International
Cosmic Ray Conference, vol. 3, eds. M. S. Potgieter, B. C.
Raubenheimer, and D. J. van der Walt, p. 249. Singapore:
Raymond, J. C. “Urgently Needed Atomic Rates for X-Ray
and UV Astronomy” (Invited paper). In Laboratory Space
Science Workshop, p. 1. Cambridge, Massachusetts:
Raymond, J., Suleiman, R., Kohl, J. L., and Noci, G.
“Elemental Abundances in Coronal Structures.” In Solar
Composition and Its Evolution—From Core to Corona, eds. C.
Führlich, M. C. E. Huber, S. K. Solanki, and R. von
Steiger, p. 283. Dordrecht: Kluwer Academic Publishers,
1998.
Reisenfeld, D. B., Gardner, L. D., Janzen, P. H., Savin, D.
W., and Kohl, J. L. “Absolute Cross Section for Si^2+(35^2
1S 353p 1P) Electron-Impact Excitation.” Physical Review
A 60 (1999): 1153.
Reisenfeld, D. B., Janzen, P. H., Gardner, L. D., Savin, D.
W., and Kohl, J. L. “Absolute Cross Section for Electron
Impact Excitation of Ground State Si^2+.” In Laboratory
Space Science Workshop, p. 219. Cambridge, Massachusetts:
Remillard, R. A., McClintock, J. E., Sobczak, G. J., Bailyn,
C. D., Orosz, J. A., Morgan, E. H., and Levine, A. M. “X-
Ray Nova XTE J1550-564: Discovery of a Quasi-
Periodic Oscillation near 185 Hz.” Astrophysical Journal
Remillard, R., Morgan, E., Levine, A., McClintock, J.,
Sobczak, G., Bailyn, C., Jain, R., and Orosz, J. “XTE
Rideout, R. M., Pearson, J. F., Fraser, G. W., Lees, J. E.,
Brunton, A. N., Bannister, N. P., Kenter, A. T., and
Kraft, R. P. “Synchrontron Measurements of the Absolute
X-Ray Quantum Efficiency of CsI-Coated Microchannel
Plates.” In EUV, X-Ray, and Gamma-Ray Instrumentation
for Astronomy IX. SPIE Proceedings, vol. 3445 eds. O. H.
Siegmund and M. A. Gummin, p. 384. Bellingham,
Washington: SPIE—The International Society for Optical
Riess, A. G., Kirshner, R. P., Schmidt, B. P., Jha, S., Challis,
P., Garnavich, P. M., Esin, A. A., Carpenter, C., Grashius,
F., Falco, E. E., Benson, P. J., Briceño, C., Brown, W. R.,
Calwell, N., dell’Antonio, I. P., Filippenko, A. V.,
Goodman, A. A., Grogin, N. A., Groner, T., Hughes, J.
P., Green, P. J., Jansen, R. A., Kleyra, J. T., Luu, J. X.,
Macri, L. M., McLeod, B. A., McLeod, K. K., McNamara,
B. R., McLean, B., Milone, A. A. E., Mohr, J. J., Moraru,
D., Peng, C., Peters, J., Prestwich, A. H., Stanek, K. Z.,
Szentgyorgyi, A., and Zhao, P. “BVRI Light Curves for 22
Rines, K., Forman, W., Pen, U., Jones, C., and Burg, R.
“Constraining q, with Cluster Mass Gas Fractions: A
Robinson, A., Bulinas, S. L., Soon, W., and Robinson, Z.
W. “Environmental Effects of Increased Atmospheric
Rodriguez, L. F., D’Alessio, P., Wilner, D. J., Ho, P. T. P.,
Torrelles, J. M., Curiel, S., Gomez, Y., Lizano, S., Pedlar,
A., Canto, J., and Raga, A. C. “Compact Protoplanetary
Disks Around the Stars of a Young Binary System.”
Romoli, M., Benna, C., Fineschi, S., Gardner, L. D., Kohl,
J. L., and Noci, G. “The White Light Polarimeter of
SOHO/UVCS.” Memorie della Societa Astronomica Italiana
Ros, E., Marcaide, J. M., Guirado, J. C., Ratner, M. I.,
Stapuro, I. I., Krichbaum, T. P., Witzel, A., and Preston,
R. A. “High Precision Difference Astrometry Applied
to the Triplet of S5 Radio Sources B1803+784/Q1928+
381.
Rothschild, R. E., Band, D. L., Blanco, P. R., Gruber, D. E.,
Heindl, W. A., MacDonald, D. R., Marsden, D. C.,
Jahoda, K., Pierce, D., Madeejski, G., Elvis, M., Schwartz,
D. A., Remillard, R., Zdziarski, A. A., Done, C., and
Svensson, R. “Observation of Centaurus A by the Rossi
X-Ray Timing Explorer.” Astrophysical Journal 510
Sakamoto, K., Scoville, N. Z., Yun, M. S., Crosa, M.,
Genzel, R., and Tacconi, L. J. “Counterrotating Nuclear
Sammartin, J. R. and Estes, R. D. “The Orbital-Motion-
Limited Regime of Cylindrical Langmuir Probes.” Physics
Schnopper, H. W., Silver, E. H., Ingram, R. H., Christensen,
F. E., Hussain, A. M., Barbera, M., Romaine, S. E.,
Collura, A., Kenter, A. T. Bender, S., and Murray, S. S.
“X-Ray Optics Made from Thin Plastic Foils.” In X-Ray
Bellingham, Washington: SPIE—The International
Society for Optical Engineering, 1999.
Schrijver, C. J., Title, A. M., Berger, T. E., Fletcher, L.,
Hurlburt, N. E., Nightingale, R. W., Shive, R. A.,
Tarbell, T. D., Wolfson, J., Golub, L., Bookbinder, J. A.,
DeLuca, E. E., McMullen, R. A., Warren, H. P.,
Kankelborg, C. C., Hand, B. N., and de Pontieu, B. “A
New View of the Solar Outer Atmosphere by the
Transition Region and Coronal Explorer.” Solar Physics
Shapiro, I. I. “A Century of Relativity.” Reviews of Modern


Thaddeus, P., and McCarthy, M. C. "Carbon Chains and Exotic Rings in the Laboratory and in Space." In The Physics and Chemistry of the Interstellar Medium. Proceedings of


Smithsonian Center for Materials Research and Education


———. “May meeting summary: Star-Spangled Banner conservation project—Suzanne Thomassen-Krauss.”


Tsang, Jia-sun and Donald C. Williams. A Closer Look at Santos: Una Mirada mas Profunda a los Santos. Washington,


Smithsonian Environmental Research Center


Smithsonian Tropical Research Institute


Pullman, Wash.: WSU Press.


oscillation, variable fruit production, and famine in a

Wüthrich, Mirham K.R., Winter, Klaus, and Körner, Christian. 
1998. “In situ responses to elevated CO₂ in tropical forest 

Zeh, Jeanne A., Zeh, Adrian D., and Zeh, David W. 1999. 
“Dump material as an effective small-scale deterrent to 

selected species from a Lower Montane rainforest in 

Zott, Gerhard, and Andrade, José Luis. 1998. “Water 
relations of two co-occurring epiphytic bromeliads.” 

Zott, Gerhard, and Ziegler, H. 1999. “Size-related differences 
in carbon isotope discrimination in the epiphytic orchid, 

Zott, Gerhard. 1999. “Vegetative propagation in an 
epiphytic orchid occurrence and ecological relevance.” 

National Science Resources Center

National Science Resources Center. Discovery Deck: Animal 
Studies. Washington, D.C.: National Academy of Sciences, 
1999.

———. Discovery Deck: Ecosystems. Washington, D.C.: 

———. Discovery Deck: Motion and Design. Washington, 

———. Discovery Deck: The Technology of Paper. Washington, 

Program for Asian Pacific 
American Studies

Odo, Franklin. “The Nisei in Hawai‘i,” translated into 
Japanese as “Hawai‘i no nisei” [translator, Miyaji Hitomi] in 
Hawai‘i Nikkei shakai no bunka to sono henyo [Culture 
and Change in Hawai‘i’s Japanese American Society: Maui in the 

———. “Hawai‘i’s Japanese Americans and Public 

Smithsonian Institution Archives

Christen, Catherine A., et al. “Latin American Environmental- 
mentalism: Comparative Views.” Studies in Comparative 

———. A review of Maslow’s “Footsteps in the Jungle: 
Adventures in the Scientific Exploration of the American 
Tropics.” Journal of the History of Biology 32, 1 (Spring 
1999).

Cox, William E. “Herbert Friedmann” and Charles Wallace 
Richmond.” American National Biography. New York: 

Glaser, Jane R. Editor, IT (Newsletter of the International 
Committee for the Training of Personnel (ICTOP) of the 
International Council of Museums) t6, no. 1 (February 
1999).

———. A review of Sija Tantner-Kaplsh’s Basic Museum 
Studies. UNESCO Journal, Museum International 4 
(October–December 1999).

Henson, Pamela M. “Objects of Curious Research: the 
History of Science and Technology at the Smithsonian.” 

———. “Anna Botsford Comstock,” “John Henry 
Comstock,” “Harrison Gray Dyar,” “Mary Jane Rathbun,” 
and “Robert Edwards Carter Stearns.” American National 

Millikan, Frank R. “Charles H. Nichols,” and “William 
Aldison White.” American National Biography. New York: 

National Collections Program. Smithsonian Institution 
Institution Archives, 1999.

Nelson, Clifford M. “Toward a Reliable Geologic Map of the 
United States, 1803–1893.” In Edward C. Carter, II, ed., 
Surveying the record: North American Scientific Exploration to 

———. “Walter Curran Mendenhall,” “John Strong 
Newberry,” “David Dale Owen,” “George Otis Smith,” 
and “William Embry Wharton.” American National 

American National Biography. New York: Oxford University 

Rothenberg, Marc. “In Behalf of the Science of the Country”: 
The Smithsonian and the U.S. Navy in the North Pacific 

———. “Observers, Publications and Surveys: Astronomy 
in the United States in 1849.” Astronomical Journal 117 

———. “U.S. Science Policy and Science Advice, 
1840–1878.” AAAS Science and Technology Policy Yearbook, 

———. “Stephen Alexander,” “Nathaniel Bowditch,” “John 
Alfred Brashear,” “Benjamin Apthorp Gould,” “Theophilis 
Augustus Rogers,” “Alexander Catlin Twining,” “Sears 
Cook Walker,” and “Joseph Winlock.” American National 

———. [Review of] Beyond the Ionosphere: Fifty Years of 
Satellite Communication. Andrew Butrica, editor. In The 

———. [Review of] The Victorian Amateur Astronomer: 
Independent Astronomical Research in Britain, 1820–1929, by 
Alan Chapman. In Endeavour 23, 3 (September 1999): 
136–137.

———. [Review of] Scientific Communities in the Developing 
World, Jacques Gaillard, V. V. Krishna, and Roland Waast.

Smithsonian Institution Libraries


Kalfatovic, Martin R. "John White Alexander" (1: 274-75); "William Baziotes" (2: 580-81); "George Biddle" (2: 730-31); Adelyn Dohme Breskin" (3: 473-74); "Elisabeth Coit" (5: 182-83); Stuart Davis" (6: 230-32); "Richard Diebenkorn" (6: 586-87); Burgoine Diller" (6: 605-606); Lyonel Charles Adrian Feininger" (7: 792-94); "Robert Feke" (7: 797-98); "Isabella Stewart Gardner" (8: 766-68); "Arshile Gorky" (9: 307-09); "Keith Haring" (10: 79-80); "Sidney Janis" (11: 857-58); "Hugh Bolton Jones" (12: 201-02); "Morris Louis" (13: 944-46); "Man Ray" (14: 446-48); "Robert Mapplethorpe" (14: 467-69); "Alfred Henry Maurer" (14: 738-39); "Edward Moran" (15: 798-99); "Barnett Newman" (16: 346-48); "John Frederick Peto" (17: 401-02); "John Russell Pope" (17: 676-77); "Ad Reinhardt" (18: 323-24); "Mark Rothko" (18: 940-43); "Augusta Savage" (19: 314-15); "John Smibert" (20: 118-20); "Clyfford Still" (20: 773-75); "Elizab Vedder" (22: 312-13). In American National Biography, eds. John A. Garraty and Mark C. Carnes (New York: Oxford University Press, 1999).

http://www.lita.org/newslett/v20n4/

—. "Edge of the Web: ‘He’s Dead Jim’: Submerging Technologies." LITA Newsletter 20.3 (Summer 1999).
http://www.lita.org/newslett/v20n3/

—. "Edge of the Web: If a Browser META TAG Comin’ Cross the ‘Net: Using META TAGS in HTML." LITA Newsletter 20.2 (Spring 1999).
http://www.lita.org/newslett/v20n2/

http://www.lita.org/newslett/v20n1/

http://www.lita.org/newslett/v19n4/


Office of General Counsel

Browne, Rachelle V., Counseling the Non-Profit Entrepreneur in Commercial Law Section Newsletter, National Bar Association, August 1999.


Office of Public Affairs

Blue Bulletin. A biweekly two-to-four-page newsletter with administrative information for staff. Circulation is to every Smithsonian staff member. Editor: Colleen Hershberger.

The Torch. A monthly newspaper for Smithsonian employees, which highlights staff roles in research, exhibitions, collections and other activities; exhibitions "Now Showing"; classified ads; staff "Spare Time" activities; and more. Circulation is 10,500, which includes staff, volunteers, Smithsonian boards and commissions, and a list of interested individuals and organizations outside the Smithsonian. Editor: John Barrar.

Smithsonian Institution Research Reports. A quarterly newsletter that disseminates information on Smithsonian research to an audience of more than 60,000 readers, mostly Smithsonian Contributing Members but also scientists, scholars, libraries, museums, universities, journalists and others. Editor: Jo Ann Webb.
The Smithsonian Institution and Its Subsidiaries, September 30, 1999

The Secretary
Office of the Secretary

The Secretary
Lawrence M. Small
Executive Assistant to the Secretary
James M. Hobbins
Deputy Executive Assistant to the Secretary
Kathy A. Boi
Special Assistant to the Secretary
Yong Lee
Assistant to the Secretary
Leslie A. Davis
Administrative Assistant
Carol E. Anderson
Administrative Assistant
Leigh C. Trail
Secretariat Records Management Supervisor
Betty J. Russell

Assistant Director for Policy Development
Margaret C. Gaynor
Associate Director for Systems and Administrative Support
Jack D. Zickafoose

The Provost
Office of the Provost

The Provost
J. Dennis O'Connell
Executive Officer for Administration
Mary Tanner
Executive Assistant for Programs
Barbara Schneider
Senior Advisor for Advance Information Technology
Peter House

Scientific Diving Program

Scientific Diving Officer
Michael Lang

Institute for Conservation Biology

Acting Director for the Institute for Conservation Biology
Christian Wemmer
Counselor for Biodiversity
Thomas Lovejoy

Archives of American Art

Director
Richard J. Wattenmaker
West Coast Regional Director
Paul J. Karlstrom
Curator of Manuscripts
Elizabeth S. Kirwin
Editor, Journal
Darcy Tell
Assistant to the Director and Liaison to the Board of Trustees
Skip Moellman
Assistant Director for Archival Programs
James B. Byers
Chief, Collections Processing
Barbara Dawson Aikens
Registrar
Susan Cary
Chief, Reference Services
Judith E. Throm
Catalog and Internet Resources Manager
Karen B. Weiss
Assistant Director for Operations
Dianne G. Niedner
Administrative Officer
Brinah White
Assistant Director, Membership and Development
Nora Trebbe Maroulis
Membership Coordinator
Athena Kaldis
Curator Emeritus
Garnett McCoy
Freer Gallery of Art and Arthur M. Sackler Gallery

Director
Milo C. Beach

Deputy Director
Thomas W. Lentz

Executive Assistant
Toni Lake

Secretary to the Director
Elaine Gill

Assistant to the Deputy Director
Marjan Adib

Head, Office of Development
Beverly C. With

Head, Office of Public Affairs
Susan Bliss

Finance Office
Vacant

Head, Gallery Shops
Marrin Bernrein

Research and Collections Division

Associate Director/Chief Curator
Vidya Deheja

Senior Research Scholar
Thomas Lawron

Curators
Louise Allison Cort, Ceramics
Vidya Deheja, South and Southeast Asian Art
Jenny F. So, Ancient Chinese Art
James T. Ulak, Japanese Art

Associate Curators
Joseph Chang, Chinese Art
Massumeh Farhad, Islamic Art
Ann C. Gunter, Ancient Near Eastern Art
Ann Yonemura, Japanese Art
Jan Stuart, Chinese Art

Assistant Curator
Kenneth Myers, American Art

Research Specialist
Stephen D. Allee, Chinese

Head, Conservation and Scientific Research
Paul Jett

Head, Library and Archives
Lily Keckes

Head, Publications
Karen Sagnetter

Head, Collections Management
Bruce Young

Head, Photographic and Imaging Services
John Tsantes

Public Programs Division

Associate Director, Exhibitions and Facilities
Patrick Sears

Head, Design and Production
Richard Franklin

Head, Education
Stevie Engelke (interim)

Head, Digital Information Services
Michael Edson

Facilities
Robert Evans

Center for Folklife and Cultural Heritage

Director
Richard Kurin

Deputy Director
Richard Kennedy

Director and Curator, Smithsonian Folkways Recordings
Anthony Seeger

Director, Smithsonian Folklife Festival
Diana Parker

Director, Cultural Studies and Communication
James Early

Senior Ethnomusicologist
Thomas Vennum, Jr.

Assistant Director, Smithsonian Folkways
D.A. Sonneborn

Administrative Officer
Barbara Strickland

Chair, Research and Education
Olivia Cadaval

Folklorist
Peter Seirel

Cultural Specialist
Diana Baird N'Diaye

Education Specialist
Betty Belanus

Marjorie Hunr

Festival Technical Director/Folkways Sound Production Supervisor
Pete Reiniger

Program/Publications Manager
Carla Borden

Program Manager
John Franklin

Design Director
Kelli Shadrer

Design Project Coordinator
Kristen Fernekas

Coordinator, Latino Cultural Resource Network
Cynthia Vidaurri

Program Specialist/Intern Coordinator
Arlene Reiniger

Archivist
C. Jeffrey Place

Assistant Archivist
Stephanie Smith

Media Specialist
Charles Weber

Development Officer
Josh Silver

Graphic Design Assistant
Caroline Brownell

Administrative Assistants
Linda Benner

Heather Berthold

Bill Holmes

Bernard Howard

Folkways Manufacturing Coordinator
Michael Maloney

Folkways Production Coordinator
Mary Monseur

Folkways Marketing Manager
Brenda Dunlap

Folkways Marketing Assistant
John Smith

Folkways Audio Recording Specialist
Ronnie Simpkins

Folkways Merchandise Specialist
Sharleen Kavetski

Folkways Customer Service Representatives
Lee Michael Demsey

Matt Levine

Nakieda Moore

Senior Fellow
Nancy Groce

Research Associates
Roland Freeman

Daniel Goodwin

Amy Horowitz

Ivan Karp

Alan Lomax

Worth Long

Rene Lopez

Kate Rinzler

Alf Walle

Cooper-Hewitt, National Design Museum

Director
Dianne H. Pilgrim

Deputy Director
Linda Dunne
Assistant Director for Public Programs
Susan Yelavich
Adjunct Curator
Donald Albrecht
Paper Conservator
Konstanze Bachmann
Textiles Conservator
Lucy Commoner
Assistant Curator
Gail Davidson
Head of Education
Dorothy Dunn
Adjunct Curator
Lucy Fellowes
Public Information Officer
Barbara Livenstein
Adjunct Curator
Ellen Lupton
Curator, Textiles
Gillian Moss
Editor
Patricia O'Connell
Head of Design
Jen Roos
Registrar
Cordelia Rose
Head of Exhibitions
Lindsay Shapiro
Curator, Drawings and Prints
Marilyn Symmes
Librarian
Steven VanDyk
Assistant Curator, Wallcoverings
Joanne Warner

Hirshhorn Museum and Sculpture Garden

Board of Trustees

Chairman
Robert Lehrman
Camille Oliver-Hoffmann
Melva Bucksbaum
J. Tomilson Hill
Marvin Mordes
Ponchitta Pierce
Mitchell Rales
Robert Rosenblum
Ex officio
J. Michael Heyman
The Honorable William H. Rehnquist

Committee on Collections

Marvin Gersten
Barbara Levine
Anthony Podesta
Director
James T. Demetrion

Administration

Assistant Director for Administration
Beverly Lang Pierce

Library

Librarian
Anna Brooke

Office of Photographic Services

Chief Photographer
Lee Stalsworth

Office of the Registrar

Chief Registrar
Brian Kavanagh

Facilities Management

Building Manager
Fletcher Johnston

Art and Public Programs

Assistant Director for Art and Public Programs
Neal Benezra
Curator of Sculpture
Valerie J. Fletcher
Curator of Prints
Frank Gettings
Curator of Paintings
Judith Zilczer
Associate Curator
Phyllis Rosenzweig
Associate Curator
Olga M. Viso

Office of Publications

Publications Manager
Jane McAllister

Office of Public Affairs

Public Affairs Officer
Sidney Lawrence

Education Department

Education Program Director
Linda Powell

Conservation Lab

Chief Conservator
Laurence Hoffman

Office of Exhibits and Design

Chief, Exhibits and Design
Edward Schiesser

National Air and Space Museum

Director
Donald D. Engen
Secretary
Kimberly Chapman
Deputy Director
Donald S. Lopez
Secretary
Patricia Bellacicco
Dulles Center Project Coordinator
Lin Ezell

Office of Development

Manager
John M. Fay
National Air and Space Society Director
Joseph T.N. Suarez
Major Gifts Officers
Edmund A. Carlson
Michael R. Dempsey
Corporate and Foundation Relations Officer
Anne S. Seeger
Associate Major Gifts Officer
Scotty O'Connell
Development Specialists
Kelly M. Brown
Carla Goring-Madden
Gayle S. Union
Program Manager
Timothy J. Cronen
Events Manager
Marilyn Elliott Kozak
Office Manager
Kathy Schulin
Office of Public Affairs
Manager
Vacant
Writer-Editors
Walton Ferrell
Helen M. Morrill
Public Affairs Specialists
Amy Dyson
Kimberly Riddle
Public Information Specialist
Kathleen Brooks

Office of Specials Events
Manager
Linda Hicks
Special Events Coordinators
Darlene Rose Barge
Margaret Caulk
Karen S. Collins
Beate Rettberg-Beck

Collections and Research Department
Associate Director
Ted A. Maxwell
Publications Officer
Patricia J. Graboske
Museum Program Coordinator
Jane Pisano
Photographer
Carolyn J. Russo
Fellowship Program Coordinator
Anita M. Mason
Program Coordinator
Laurenda Patterson

Aeronautics Division
Chairman
Dominick A. Pisano
Curators
John Anderson
Dorothy Cochrane
Tom Crouch
R.E.G. Davies
Von D. Hardesty
Peter Jakab
Russell E. Lee
Richard Leyes
F. Robert van der Linden
Museum Specialists
Thomas Dietz
Joanne London
Alex M. Spencer

Project Coordinator
Collette E. Williams

Space History Division
Chairman
Allan A. Needell
Curators
Paul E. Ceruzzi
Martin J. Collins
David H. DeVorkin
Gregg Herken
Cathleen S. Lewis
Valerie S. Neal
Michael J. Neufeld
Frank H. Winter

Museum Specialists
David E. James
Amanda J. Young

Museum Program Specialists
Joann M. Bailey
Frederick Baetz III
Antoinette E. Thomas

Center for Earth and Planetary Studies Division
Chairman
Bruce A. Campbell
Geologists
Mary Bourke
Robert A. Craddock
Thomas Watters
James R. Zimbelman

Geophysicist
Bruce A. Campbell

Geographer
Andrew Johnston

Cartographer
Anthony Cook
Photolibrarian
Rose Steinat

Program Manager
Priscilla Strain
Program Coordinator
Mark Bulmer

Physical Sciences Technician
Jennifer Tansey

Administrative Assistant
Donna Slattery

Webmaster
Victoria Portway
Web Specialist
Jonathan Hallenberg

Collections Division
Chief
Thomas M. Alison
Museum Specialists
Al Bachmeier
Howarth Kirchner
Management Support Assistant
Valerie Vencelov
Office Assistant
Betty Roberts

Preservation/Restoration Unit
Supervisor
William C. Reese

Museum Specialists
Michael Cross
Karl Heinzel
Derek Hodge
Richard Horigan
Wilbert Lee
Ed Mautner
Robert Mawhinney
Anne McCombs
Robert McLean
Matthew Nazarro
Robert Padgett
Bernard Poppert
Bayne Rector
William Stevenson
Robert Wehrauch
David Wilson
Scott Wood
George Vencelov

Museum Technician
Ken Isbell

Collections Processing Unit
Supervisor
John E. Fulton

Museum Specialists
Charles Burton
Sam Dargan
John Eckstine
Ed Marshall
Lars McLamore
Jeff Mercer
Lillie Wiggins
Tom Yarker
Norman Taylor

Conservation Unit
Conservator
Edward McManus

Museum Specialist
Carolyn Triebel
**Collections Information Unit**

**Supervisor**
Patricia J. Jellison

**Registration Specialists**
- Greg Bryant
- Ellen Folkama
- Natalie Riedkin Lee
- Robin Schoffel

**Archives Division**

**Chairman**
Thomas F. Soapes

**Supervisory Archivist**
Marilyn Graskowiak

**Supervisory Technical Information Specialist**
Dana Bell

**Archivists**
- Daniel P. Hagedorn
- Katherine M. Igoe
- Kristine L. Kaske
- Mark R. Taylor
- Patricia L. Williams

**Archives Specialist**
Melissa A.N. Keiser

**Museum Specialists**
- Allan S. Janus
- Brian D. Nicklas
- Paul E. Silbermann

**Computer Specialist**
Barbara E. Weitbrecht

**Technical Information Specialist**
Lawrence E. Wilson

**Archives Technician**
Henry A. Brown

**Exhibits and Public Services Department**

**Associate Director**
Nadya Makovenyi

**Program Specialists**
- Alice Adams
- Laurenda Patterson

**Exhibits Division**

**Manager**
Sandy Rittenhouse-Black

**Exhibits Writer-Editor**
David Romanowski

**Program Assistant**
Diane Pearson

**Account Technician**
Notine Person

**Design Unit**

**Supervisor**
Stephen H. Estrada

**Exhibits Designers**
- Barbara Brennan
- Frank Florentine
- Victor Govier
- William Jacobs
- Linda King
- Beatrice Mowry

**Printed Material**
David Gant

**Design Services Assistant**
Mary Edwards

**Audiovisual Unit**

**Supervisor**
David M. Heck

**Computer Specialists**
- Stephen Bennett
- Zahib Sadighian

**Exhibits Specialists**
- Robert Curran
- Louis Doyle
- Edward Hall
- Chris Modla
- Ralph Prout
- Juan Reyes
- Claven Wood

**Exhibits Lighting Specialist**
Richard Pullman

**Audiovisual Assistant**
Doris Fulton

**Production Unit**

**Supervisor**
David Paper

**Supervisory Exhibits Specialists**
- Dittmar Geiger
- Eugene Jones
- James Murphy

**Exhibits Specialists**
- David Cremer
- Don Crowder
- Derek Friedler
- Gary Fletcher
- Robert Gibson
- Richard Hockensmith
- Hollis Houston
- Gary Newgent
- Jefferson Spears
- Peter Stem
- Brian Young

**Production Services Assistant**
Beverly Sendlebach

**Public Services Division**

**Chief**
LeRoy London

**Office Assistant**
John Hoke

**Education Unit**

**Supervisor**
Maureen Kerr

**Education Program Specialists**
- Myra Banks-Smith
- Clare Cudly

**HTF Gallery Manager**
Blake Reid

**Museum Specialist**
Gloria Fulwood

**Explainers Program Supervisor**
Suvinee Vanichkachorn

**Clerk-Typist**
Zelda Tookes

**Docent Program Unit**

**Docent Coordinator**
Marettta Hemsley

**Media Unit**

**Supervisor**
Patricia Woodside

**Media Program Coordinator**
Fleta Hylton

**Planetarium**

**Manager**
Cheryl Bauer

**Planetarium Technician**
Dalton E. McIntosh

**Planetarium Operations Coordinator**
Sean P. O'Brien

**Operations and Administration Department**

**Associate Director**
Elizabeth R. Scheffler

**Human Resources Specialist**
Pamela L. Blalock

**Budget Analysts**
Kim Batchelor
Sonia Pearson
Deborah B. Swinson

**Special Assistant for Plans**
Claude D. Russell
Information Technology Division

Manager
Phouy Sengsourinh

Computer Specialists
James Carter
Christopher Pratt

Secretary
LeShawn Calloway

Theater Division

Manager
Robert M. Watson

Assistant Manager
Charles T. Lewis

Box Office Supervisor
Jeffrey Weaver

Theater Operations Manager
Dave L. Jackson

Lead Motion Picture Projectionist
Kim I. Martin

Motion Picture Projectionists
Craig S. Barksdale
Dwayne A. Davis
Keith L. Madden
Myles Marken, Jr.

Administrative Technician
Marjorie R. Johnson

Building Management Division

Building Manager
Richard Kowalczuk

Museum Facility Assistant
Helen M. Cheek

Management Support Assistants
Priscilla L. Limes
Tina M. Tyson

Assistant Building Manager
Gary Houston

Maintenance Supervisor
Kathleen Fleming

Materials Handler
Shawn Dorman

Facilities Manager
Rod Milstead

Painter
Ivy L. Teague, Jr.

Maintenance Mechanic Leader
John C. Farmer

Maintenance Mechanic
Milan Tomasevich, Jr.

Maintenance Workers
James E. Curtis
Allfred G. Koroma
Alexander Parker
Paul L. Robbins, Jr.
Tyrone J. Stewart

Automotive Worker
Harold J. Dailey

Electrical Worker
Rafael E. Grillo

Mobile Equipment Operator Supervisor
Louis V. Fleming

Mobile Equipment Operator Leader
Harrison Jones

Mobile Equipment Operators
Brenda Y. Averett
Allen Lee
Roberto Pulos
Clara Robinson

Building Services Supervisors
Jeffrey B. Franklin
Estelle Washington

Building Services Leaders
Anthony A. Bynum
Franklin Pressley

Building Services Workers
Leroy W. Jefferson
Maverick Russell

Laborers
Kenneth S. Foster
Charles E. Harrison
Winston B. Jenkins
Tari Miller
Gerald T. Sartor
Andrew L. White, Jr.
Henry Whittle

Custodial Worker Supervisors
Julius L. Fouch
Ann E. Hemsley
Samuel Sommers

Custodial Worker Leaders
Orella L. Davis
Harry Francis
Charles R. Monk
Michelle Wasington

Custodial Workers
Michelle H. Anderson
Sylvester Arthur
Theresa M. Bazemore
Frances Bennett
Joe P. Brown, Jr.
Maria Bush
Rock Celine
Valerie M. Dyson
Herman E. Hudson
Brenda V. Johnson
Louise Johnson
Ruth L. Johnson
William H. Knight
Regina Long
Catherine Meade
Michael T. Munson
Christopher Shipman
Gilllette O. Simms

Reginald R. Simms
Annie L. Sullivan
Thomas E. Yates, III

National Museum of African Art

Director
Roslyn A. Walker

Assistant Director, Administration
Patricia L. Fiske

Assistant Director, Exhibit Design and Facility
Alan Knezevich

Senior Scholar Emeritus
Roy Sieber

Curatorial Department

Chief Curator
David Binkley

Assistant Curator
Lydia Puccinelli
Bryna Freyer
Andrea Nicolls

Public Affairs Department

Public Affairs Officer
Janice L. Kaplan

Education Department

Curator of Education
Edward Lifschitz

Assistant Curator of Education
Veronika Jenke

Education Specialist
Peter Pipim

Registration Department

Registrar
Julie Haifley

Conservation Department

Conservator
Steve Mellor

Eliot Elisofon Photographic Archives

Archives Curator of Photographic Archives
Christraud Geary
Publications Department
Writer-Editor
Migs Grove

National Museum of American Art
Office of the Director
Director
Elizabeth Broun
Deputy Director
Charles J. Robertson

Curatorial Office
Chief Curator
Lynda R. Hartigan
Deputy Chief Curator
George Gurney
Associate Curator (Painting and Sculpture)
Andrew L. Connors
Senior Curator (Photography)
Merry A. Foresta
Senior Curator (Painting and Sculpture)
Virginia M. Mecklenburg
Senior Curator (Graphic Arts)
Joan G. Moser
Senior Curator (Painting and Sculpture)
Richard N. Murray
Senior Curator (Painting and Sculpture)
William H. Truettner
Curator
Jacquelyn D. Serwer
Collections Research Coordinator
Gwendolyn F. Everett
Senior Conservator
Stefano Scafetta

Renwick Gallery
Curator-in-Charge
Kenneth R. Trapp
Senior Curator
Jeremy Adamson
Operations Administrator
Ellen M. Myette

Research and Scholars Center
Chief
Rachel M. Allen
Intern Program Officer
Judith H. Houston

Office of Educational Programs
Chief
Nora M. Panzer
Public Programs Coordinator
N. Faye Powe

Office of Registration and Collection Management
Registrar
Melissa L. Kroning
Associate Registrar
Abigail Terrones
Assistant Registrar (Packing and Shipping)
Michael R. Smallwood

Office of Design and Production
Chief
John R. Zelenik
Senior Designer
Claire F. Larkin
Graphics Coordinator/Designer
Robyn L. Kennedy
Exhibitions Project Coordinator
Anthony R. Giuffreda

Administrative Office
Administrative Officer
Maureen E. Damaska

Office of External Affairs
Chief
W. Robert Johnston
Deputy Chief
Barbara M. Cox
Special Events Coordinator
Vacant

Office of Print and Electronic Publications
Chief
Theresa Slowik

Office of Development
Development Officer
Katie M. Ziglar
Membership Marketing Coordinator
Julie A. Rizzo
Public Affairs Officer
Judith Bell

Office of Information Technology
Chief
Robert G. Billingsley
Computer Support Manager
Peter Buttrite
Head, New Media Initiatives
Jeffrey Gates
Head, Interactive Distance Learning
Sherwood A. Dowling

National Museum of American History
Office of the Director
Director
Spencer Crew
Deputy Director
Martha Morris
Assistant Director for Strategic Initiatives
Katherine Spiess
Special Assistant to the Director
Debora Scriber Miller
Secretary
Tarika Robinson
Management Support Assistant
Sillvan Carlson
Office Aides
Shayla Hart
Planning Specialists
Nanci Edwards
Kathleen Fleming
Patrick Ladden

Office of Curatorial Affairs
Associate Director
Lonnie Bunch III
Program Manager
Lynn Chase
Assistant to the Associate Director
Joyce Ramey
Special Projects Office
Project Managers
Camilla Clough
Kate Henderson
<table>
<thead>
<tr>
<th>Role</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department of History</td>
<td></td>
</tr>
<tr>
<td>Assistant Director</td>
<td>James Gardner</td>
</tr>
<tr>
<td>Head Curator</td>
<td>Ramunas Kondratas</td>
</tr>
<tr>
<td>Assistant Director for Interdisciplinary</td>
<td></td>
</tr>
<tr>
<td>Initiatives</td>
<td>Arthur Molella</td>
</tr>
<tr>
<td>Secretaries</td>
<td></td>
</tr>
<tr>
<td>Administrative Assistant</td>
<td></td>
</tr>
<tr>
<td>Chandra Williams</td>
<td></td>
</tr>
<tr>
<td>Management Support Assistant</td>
<td>Wendy Watkins</td>
</tr>
<tr>
<td>Collections Support Office</td>
<td></td>
</tr>
<tr>
<td>Museum Specialists</td>
<td>Lisa Brenner Bishop</td>
</tr>
<tr>
<td></td>
<td>Alicia Cutler</td>
</tr>
<tr>
<td></td>
<td>Jane Fortune</td>
</tr>
<tr>
<td></td>
<td>Kathleen Golden</td>
</tr>
<tr>
<td></td>
<td>Lisa Kathleen Graddy</td>
</tr>
<tr>
<td></td>
<td>Jim Hughes</td>
</tr>
<tr>
<td></td>
<td>Sue Ostroff</td>
</tr>
<tr>
<td></td>
<td>Janet Rockenbaugh</td>
</tr>
<tr>
<td></td>
<td>Jane Rogers</td>
</tr>
<tr>
<td></td>
<td>Wayne E. Wakefield</td>
</tr>
<tr>
<td></td>
<td>Diane Wendt</td>
</tr>
<tr>
<td>Smithsonian Without Walls</td>
<td></td>
</tr>
<tr>
<td>Director</td>
<td>Judith Gradwohl</td>
</tr>
<tr>
<td>Program Specialist</td>
<td>Ione Anderson</td>
</tr>
<tr>
<td>Archives Center</td>
<td></td>
</tr>
<tr>
<td>Chief Archivist</td>
<td>John A. Fleckner</td>
</tr>
<tr>
<td>Deputy Chief Archivist</td>
<td>Robert S. Harding</td>
</tr>
<tr>
<td>Archivists</td>
<td></td>
</tr>
<tr>
<td></td>
<td>David E. Haberstich</td>
</tr>
<tr>
<td></td>
<td>Reuben M. Jackson</td>
</tr>
<tr>
<td></td>
<td>Cathy Keen</td>
</tr>
<tr>
<td></td>
<td>Ann Kuebler</td>
</tr>
<tr>
<td></td>
<td>Mimi Minnick</td>
</tr>
<tr>
<td></td>
<td>Craig A. Orr</td>
</tr>
<tr>
<td></td>
<td>Alison Oswald</td>
</tr>
<tr>
<td></td>
<td>Deborah A. Richardson</td>
</tr>
<tr>
<td></td>
<td>Scott W. Schwartz</td>
</tr>
<tr>
<td></td>
<td>Wendy Shay</td>
</tr>
<tr>
<td>Program Assistant</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Graciella Berkovich</td>
</tr>
<tr>
<td>Historian</td>
<td>Fath Davis Ruffins</td>
</tr>
<tr>
<td>Museum Specialist</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vanessa Broussard Simmons</td>
</tr>
<tr>
<td>Archives Technician</td>
<td>Thomas Eisinger</td>
</tr>
<tr>
<td>Division of Cultural History</td>
<td></td>
</tr>
<tr>
<td>Chair</td>
<td>Rex Ellis</td>
</tr>
<tr>
<td>Assistant Chair</td>
<td>Odette Diaz Schuler</td>
</tr>
<tr>
<td>Administrative Technician</td>
<td>Jane Woodall</td>
</tr>
<tr>
<td>Management Support Assistants</td>
<td>Lynetta Jones</td>
</tr>
<tr>
<td></td>
<td>David Hill</td>
</tr>
<tr>
<td></td>
<td>Rosa Suau</td>
</tr>
<tr>
<td>Curators</td>
<td>James Weaver</td>
</tr>
<tr>
<td></td>
<td>Richard Ahlborn</td>
</tr>
<tr>
<td></td>
<td>Rayna D. Green</td>
</tr>
<tr>
<td></td>
<td>John Edward Hasse</td>
</tr>
<tr>
<td></td>
<td>Cynthia Adams Hoover</td>
</tr>
<tr>
<td></td>
<td>Charles E. McGovern</td>
</tr>
<tr>
<td></td>
<td>Marvette Perez</td>
</tr>
<tr>
<td></td>
<td>Harry Rand</td>
</tr>
<tr>
<td>Historians</td>
<td>Dwight Blocker Bowers</td>
</tr>
<tr>
<td></td>
<td>James Oliver Horton</td>
</tr>
<tr>
<td>Program Coordinators</td>
<td>Howard Bass</td>
</tr>
<tr>
<td></td>
<td>Kenneth Kimery</td>
</tr>
<tr>
<td>Project Assistants</td>
<td>Deena Gift</td>
</tr>
<tr>
<td></td>
<td>John McKiernan-Gonzalez</td>
</tr>
<tr>
<td>Museum Specialists</td>
<td>Ellen Roney Hughes</td>
</tr>
<tr>
<td></td>
<td>David H. Shayt</td>
</tr>
<tr>
<td></td>
<td>Gary Sturm</td>
</tr>
<tr>
<td>Exhibits Interpreter</td>
<td>Kimberly Kelly</td>
</tr>
<tr>
<td>Producer</td>
<td>James Zimmerman</td>
</tr>
<tr>
<td>Smithonian Chamber Music Society</td>
<td></td>
</tr>
<tr>
<td>Executive Director</td>
<td>Patrick Rucker</td>
</tr>
<tr>
<td>Artistic Director</td>
<td>Kenneth Slowik</td>
</tr>
<tr>
<td>Division of the History of Technology</td>
<td></td>
</tr>
<tr>
<td>Chair</td>
<td>Steven Lubar</td>
</tr>
<tr>
<td>Assistant Chair</td>
<td>Jennifer Locke</td>
</tr>
<tr>
<td>Clerk Typist</td>
<td>Grace Boone</td>
</tr>
<tr>
<td>Secretary</td>
<td>Shirley Jordan-Stanton</td>
</tr>
<tr>
<td>Curators</td>
<td>Pete Daniel</td>
</tr>
<tr>
<td></td>
<td>Paul F. Johnston</td>
</tr>
<tr>
<td></td>
<td>Donald E. Kloster</td>
</tr>
<tr>
<td></td>
<td>Carlene Stephens</td>
</tr>
<tr>
<td></td>
<td>Jeffrey K. Stine</td>
</tr>
<tr>
<td></td>
<td>William L. Withuhn</td>
</tr>
<tr>
<td></td>
<td>Bardton Hacker</td>
</tr>
<tr>
<td></td>
<td>Marilyn Zoidis</td>
</tr>
<tr>
<td>Museum Specialists</td>
<td>Harry Hunter</td>
</tr>
<tr>
<td></td>
<td>Paula Johnson</td>
</tr>
<tr>
<td></td>
<td>Larry Jones</td>
</tr>
<tr>
<td></td>
<td>Peter Liebhold</td>
</tr>
<tr>
<td></td>
<td>Sarah Rittgers</td>
</tr>
<tr>
<td></td>
<td>David Todd</td>
</tr>
<tr>
<td></td>
<td>L. Susan Tolbert</td>
</tr>
<tr>
<td></td>
<td>Margaret Vining</td>
</tr>
<tr>
<td></td>
<td>Roger White</td>
</tr>
<tr>
<td></td>
<td>William E. Worthington</td>
</tr>
<tr>
<td></td>
<td>Timothy Mitchell</td>
</tr>
<tr>
<td></td>
<td>Margaret Dennis</td>
</tr>
<tr>
<td>Historian Emeritus</td>
<td>James S. Hutchins</td>
</tr>
<tr>
<td>Division of Information Technology and Society</td>
<td></td>
</tr>
<tr>
<td>Acting Chair</td>
<td>Helena Wright</td>
</tr>
<tr>
<td>Chair</td>
<td>David Allison</td>
</tr>
<tr>
<td>Assistant Chair</td>
<td>Joan Boudreau</td>
</tr>
<tr>
<td>Secretary</td>
<td>Cynthia Joynes</td>
</tr>
<tr>
<td>Program Manager</td>
<td>Karen Lee</td>
</tr>
<tr>
<td>Curators</td>
<td>Richard G. Dory</td>
</tr>
<tr>
<td></td>
<td>Bernard S. Finn</td>
</tr>
<tr>
<td></td>
<td>Paul Forman</td>
</tr>
<tr>
<td></td>
<td>Elvira Eliza Clain-Stefanelli</td>
</tr>
<tr>
<td>Museum Specialists</td>
<td>Nance Briscoe</td>
</tr>
<tr>
<td></td>
<td>Michelle Delaney</td>
</tr>
<tr>
<td></td>
<td>Peggy Kidwell</td>
</tr>
<tr>
<td></td>
<td>Douglas Mudd</td>
</tr>
</tbody>
</table>
Suzanne Thomassen-Kraus
Sunae Park Evans

*Registration Services*

Registra
Jeanne Benas
Assistant Registra
Ed Ryan
Registration Specialists
Tom Bower
Nancy Card

*Museum Specialists*

Batja Bell
Patricia Mansfield
Stephen Velasquez

Registration Technicians
Estelle Hurley

*Registrar*

Sunae Park
Evans

Museum Technician
Amy Venzke

Registration Services

Registrar
Jeanne Benas
Assistant Registrar
Ed Ryan
Registration Specialists
Tom Bower
Nancy Card

*Museum Specialists*

Batja Bell
Patricia Mansfield
Stephen Velasquez

Registration Technicians
Estelle Hurley

*Office of Public Services*

Associate Director
Harold Closter
Senior Program Manager
Catherine Perge
Secretary
Barbara Gilmartin

Department of Education and Visitor Services

Director
Nancy McCoy
Secretary
Cassandra Williams

Education Specialists
Martha Jo Messerole
Burt Glassman
Julia Forbes
Amy Barrow-Melia
Intern and Fellowship Specialist
Suzanne McLaughlin

Education Assistants
Theresa Estelund
Tim Grove
Aniceto Navarro
Heather Paisley-Jones

Education Coordinator
Michael Huslander

Program Assistants
Alice Gergely
Andrea Lowther
Howard Morrison
Dorothy Green

Exhibit Coordinator
Tom O'Brien

*Department of Exhibits*

Audio/Visual and Services

Director
Tom Tearman
Exhibit Maintenance Coordinator
Mary Miller
Exhibit Aides
Joe Grace
Charles Streshley

Supervisory Exhibit Specialist
Ralph Logan
Exhibit Specialist
Electronics Technician
Richard Wakefield

Program in African American Culture

Director
Niani Kilkenney
Historian
Alonzo Smith
Program Coordinator
Luvenia George
Office Manager
Regina Taylor-Wynn

Department of Program Planning and Design

Director
Harold Aber
Secretary
Kay Habeger
Visual Information Specialist/Designers
Russell Cashdollar
Stevan Fisher
David Lenk
Conny Raatzky
Ann Rossili
Nigel Briggs
Exhibit Specialists
Bob Norton
Marcia Powell

Department of Program Production

Director
Kathryn Campbell
Administrative Technician
Marilyn Turner

Graphics

Supervisory Exhibit Specialist
Omar Wynn

Exhibit Specialists
Walter Adams
Lou Covey
Brian Jensen
John Nelson
Diane Pryor
Beverly Robinson
Juan Smith
Eric Chamberlain
Barbara Cross

Cabinets

Supervisory Exhibit Specialist
Peter Albritton
Exhibit Specialists
Bill Roseberry
Geoffrey Ward
Billy Powell

Historic Restoration

Shop Supervisor
Terry Conable
Exhibit Specialists
Robbie Barrett
Joe Criste
Daragh Cassidy

Department of Publications

Writers/Editors
Nancy Brooks
Joan Mentzer

Administrative Technician
Lydia Wallick

Publications Specialist/Graphic Designer
Sue Walther

Office of the Capital Campaign and External Affairs

Capital Campaign Office

Associate Director
Elizabeth Perry
Project Specialist
LaKecia Graham
La Juan Graham
Capital Campaign Officer
John McDonagh

Office of External Affairs

External Affairs Officer
Diane Gingold
External Affairs Assistant
Gina Cordero

External Relations Specialist
Courtney Powell
Office of Development
Development Associate
Danyelle Kensey

Office of Special Events
Director
Elizabeth Little
Special Events Coordinators
Arlene Fenlon
Jennifer Sawitzky

Department of Public Affairs
Director
Melinda Machado
Public Affairs Specialists
Valeska Hilbig
Kristian Knight
Public Affairs Assistants
Dia Adams
Michelle Pollak

Office of Capital Programs
Associate Director
Ronald Becker
Management Support Assistant
Margaret MacDonnell
Julie Statz
Jacqueline Flanders
Valerie Dunn Bailey
Program Manager
Carol Frost
Clerk Typist
LaShawn Barnes

Star-Spangled Banner Project
Museum Technician
Simran Dhani
Conservators
Suzanne Thomassen-Krauss
LaTasha Harris
Michele Pagan

Office of Facility Planning and Management
Director
Jim Whoolery
Facility Manager
Richard Day
Assistant Facility Manager
Ken Jordan
Building Management Assistant
Donna Tillman
Safety Manager
Bill Prebble
General Foreman
Sinclair Jennings
Management Support Assistant
Mary Stacey
Clerk Typist
Joyce Clark
Space Management Specialist
Ricky Drake
Processing Clerk, Shipping/Receiving
Hazel Jones
Rigging Worker Supervisor
Steve Jones

Custodial Office
Custodial Foremen
Floyd Harris
Irene Short
Lennette Weaver
Custodial Workers
Vincent Nunnicut
David Felix
Carolyn Anderson
Wesley Johnson
Malcolm Archer
William Brock
Bernell Brown
Catherine Butler
Yvette Clanton
Armanrey Devaughn
Priscilla Dickerson
Delphine Dicks
John Dixon
Barry Duncan
Marion Dunsmore
Reginald Eley
William Ellis
Walter Feaster
Nathaniel Jennings
Theresa Jones
Laura McKnight
Gregory McNeil
Deborah Morton
Beatrice Newland
Michael Newlon
Irvin Suggs
Tim Witherspoon
Yvonne Lennon
Linda Smith
George Williams
Denise Terrell

Rigging
Rigging Worker Leader
Donald Phillips
Riggers
Andrew Goffney
Harrison Hawkins
Gregory Powell
John Ridout

Milton Williams
Laborers
Darnell Eddy
Myron Johnson

Maintenance
Electrical Worker
Bill Cole
Maintenance Mechanics
Fred Dunsmore
Bo Matchett
Todd Coombs
Oplants Electricians
John Kerns
James Reed

Office of Administrative and Automation Services
Associate Director
Dennis Dickinson
Budget Director
Richard Nicastro

Administrative Office
Budget Analyst
Sandra Dunnigan
Management Analyst
Maggie Limehouse
Administrative Specialist
Carolyn Foxx
Administrative Technician
Dan Weinwurm
Clerk Typist
Wendy Coleman
Office Aide
Vanessa Henry

Project Management Office
Project Manager
Eleanor Boyne

Computer Services Center
Chief
Rick Luhrs
Computer Programmer Analysts
Sherman Ellegood
Elizabeth Fite
Computer Specialists
Rob Gaskill
Barbara Jordan
Steve Stewart
Brad Tesh
Raelene Worthington
# National Museum of the American Indian

**Director**

W. Richard West

**Office of the Director**

**Deputy Director**

Douglas E. Evelyn

**Department of Administration**

**Assistant Director for Administration**

Donna A. Scott

**Office of External Affairs and Development**

**Director (Acting)**

Maggie Bertin

**Deputy Director**

Vacant

**Department of Public Programs**

**Assistant Director for Public Programs**

Charlotte Heth

**Department of Public Programs—GGHC (NY)**

**Deputy Assistant Director for Public Programs**

John Haworth

**Department of Community Services**

**Assistant Director for Community Services**

Tim Johnson

**Department of Exhibitions**

**Assistant Director for Exhibitions and Public Spaces**

James Volkert

**Department of Cultural Resources**

**Assistant Director for Cultural Resources**

Bruce Bernstein

**Deputy Assistant Director for Cultural Resources**

George Horse Capture

# National Museum of Natural History

**Director**

Robert W. Fri

**Associate Director for Operations**

James P. McDonald

**Department of Administration**

**Assistant Director for Research and Collections**

Ross Simons

**Associate Director for Public Programs**

Robert D. Sullivan

**Acting Associate Director for Development and Public Affairs**

Shelley Goode

**Manager of Public Affairs**

Randall Kremer

**Registrar**

Susan Wilkerson

**Department of Anthropology**

**Chair**

Dennis J. Stanford

**Deputy Chair**

Carolyn Rose

**Curators**

Mary Jo Arnoldi

William Fitzhugh

Ives Goddard

Adrienne Kaeppler

Robert Laughlin

William Merrill

Donald Ortner

Douglas Owsley

Richard Potts

Daniel Rogers

Theresa Singleton

Bruce D. Smith

William C. Sturtevant

Paul Michael Taylor

Douglas H. Ubelaker

Gus Van Beek

Melinda A. Zeder

**Department of Entomology**

**Chair**

Bob Robbins

**Curators**

John Burns

Jonathan Coddington

Don Davis

Terry Erwin

Wayne N. Mathis

Scott Miller

Dan Polhemus

Ted Schultz

**Department of Invertebrate Zoology**

**Chair and Curator**

Kristian Fauchald

**Curators**

Stephen Cairns

Frank Ferrari

Jerry Harasewych

Robert Hershler

Duane Hope

Brian Kensley

Lou Kornicker

Rafael LeMaitre

Ray Manning

Jon Norenburg

Dave Pawson

Mary Rice

Clyde Roper

Klaus Ruetzler

**Department of Botany**

**Chair and Curator**

John Kress

**Curators**

Pedro Acevedo

Walter Ady

Paula DePriest

Laurence Dorr

Robert Faden

Maria A. Faust

Vicki Funk

**Department of Mineral Sciences**

**Chair**

Glenn MacPherson

**Curators**

Richard S. Fiske

Jim Luhr

Timothy McCoy

William G. Melson

Jeffrey E. Post

Tom Simkin
National Portrait Gallery

Director
Alan M. Fern
Deputy Director
Carolyn K. Carr
Associate Director for Administration
Barbara A. Hart
Administrative Officer
Eloise P. Baden
Curator of Painting and Sculpture
Ellen G. Miles
Curator of Photographs
Mary C. Panzer
Curator of Prints and Drawings
Wendy Wick Reaves
Senior Historian
Frederick S. Voss
Computer Specialist
Andrew L. Klafter
Senior Conservator
Cindy Lou Molnar
Development Officer
Patrick M. Maddan
Education Program Director
Carol D. Wyrick
Design and Production
Nello R. Marconi
Curator of Exhibition
Beverly J. Cox
Keeper, Center for Electronic Research and Outreach Services
Linda Thrift
Editor of the Charles Willson Peale Papers
Sidney Hart
Librarian
Cecilia Chin
Chief Photographer
Rolland G. White
Publications Officer
Frances K Stevenson
Public Affairs Officer
Cecilia H. Chin
Registrar
Suzanne C. Jenkins
Facilities Manager
Daniel H. Davies

Curatorial Department

Museum Program Specialists, Curatorial
Jeffrey L. Brodie
Nancy A. Pope
James O'Donnell

Education Department

Head of Education
Esther Washington
Public Program Coordinator
Anissa Paulsen
Tours and School Coordinator
Amy Orlando
Special Projects Manager
Lynn Heidelbaugh

Finance and Administration

Operations Officer
Antoinette Williams
Financial Officer
Polone Bazile
Building Manager
Greg Cunningham
Librarian
Timothy Carr

Exhibits Department

Exhibitions Manager
Patricia M. Burke
Exhibits Specialist
Peter von Gomm
Exhibit Technician
Les Graves

Collections Management

Registrar
David T. Wilson
Museum Specialists
Patricia A. Raynor
Mary H. Lawson
Sanghmitra Kundu
Museum Technician
Kevin M. Allen
Conservation Specialists
Linda Edquist
Siobhan Creem

Department of External Affairs

Public Affairs Specialist
Laura DeSimio

Department of Paleobiology

Chair and Curator
Richard Benson

Curators
Kay Behrensmeyer
Bill DiMichele
Marty Buzas
Alan Cheetham
Robert J. Emry
Douglas H. Erwin
Brian T. Huber
Francis M. Hueber
Conrad C. Labandeira
Ian G. Macintyre
John Pandolfi
Daniel J. Stanley
Thomas R. Waller
Scott Wing

Department of Vertebrate Zoology

Chair
G. David Johnson

Curators
Michael Carleton
Kevin de Queiroz
Gary R. Graves
Charles Handley
W. Ronald Heyer
James Mead
Storrs L. Olson
Lynne R. Parenti
Victor G. Springer
Richard W. Thorton, Jr.
Richard P. Vari
Stanley H. Weitzman
George R. Zug

Laboratory of Molecular Systematics

Curators
Michael J. Braun
David Swofford

Office of the Director

Curators
Lee-Ann Hayek
James Tyler

National Postal Museum

Director
James H. Bruns
National Zoological Park

Director
Michael H. Robinson
Deputy Director
McKinley Hudson
Associate Director for Conservation
Christen Wemmer
Deputy Associate Director for Conservation
Scott Derrickson
Head, Reproductive Physiology
David Wildt
Wildlife Training Officer
Rasanayam Rudran
Associate Director for Biological Programs
Benjamin Beck
Assistant Director for Zoological Research
Daryl Boness
Deputy Head, Department of Zoological Research
Miles Roberts
Research Geneticist
Robert Fleischer
Director, Migratory Bird Center
Russell Greenberg
Assistant Curator, Herpetology and Invertebrates
Michael Davenport
Assistant Curator, Small Mammals
Alan Peters
Assistant Curator, Birds
Paul Tomassoni
Assistant Curator, Amazonia
Vincent Rico
Associate Curator, Mammals
Lisa Stevens
Senior Curator, Large Mammals
John Seidensticker
Associate Director for Interpretive Programs
David Jenkins
Head, Interpretive Information Specialist
Lynn Dolnick
Supervisor, Design and Production
Richard Hider
Administrative Officer
Alexander Beim
Head, Animal Health
Lucy Spelman
Associate Veterinarian
Rebecca Yates
Head, Pathology
Richard Montali

Veterinary Pathologist
Don Nichols
Manager, Nutritional Resources
Mary Allen
Chief, Office of Public Affairs
Robert J. Hoage
Director, Development
Teresa Larson
Registrar
Judith Block
Librarian
Alvin Hutchinson
Assistant Director for Facilities and Management
Robin Vasa
Head, Project Management
Michelle Kayon
Chief, National Zoo Park Police
Michael Pickett
Captain, National Zoo Park Police
Robert McCready
Manager, Safety and Occupational Health
Garrick Smith
Senior Business Officer
Nancy Johnson

Smithsonian Astrophysical Observatory

Director
Irwin Shapiro

Associate Directors
Planning
Bruce Gregory
Atomic and Molecular Physics
Kate Kirby
High Energy Astrophysics
Stephen Murray
Optical and Infrared Astronomy
Robert Kirshner
Planetary Sciences
Brian G. Marsden
Radio and Geoastronomy
Philip Myers
Solar and Stellar Physics
Eugene H. Avrett
Theoretical Astrophysics
George Rybicki

Department Managers
Central Engineering
Richard B. Dias

Computation Facility
Van L. McGlasson
Contracts, Grants, and Property Management
John Harris

Financial Management
Accounting Section Chief
Robert Palleschi
Budget Section Chief
James Taylor

Human Resources
Laura Conway

Library
Donna Coletti

Management Information Systems
Rosalie Blum

Publications
James Cornell

Science Education
Philip M. Sadler

Subcontracts and Procurement
Peter Sozanski

Travel
Nancy M. Adler

Scientific Staff
Alberto Accomazzi
Arya Akmal
Thomas L. Aldcroft
Yakov Alpert
Aldo Apponi
Alice L. Argon
Matthew L. N. Ashby
Joshua Ashenberg
James F. Babb
Robert W. Babcock
Sallie L. Balianas
Terrill Joseph Balle
Simon R. Bandler
Aaron Jordan Barth
Smithsonian Postdoctoral Fellows

Lori E. Allen
Hussein Mahmoud Badran
Jasjeet Singh Bagla
Thomas Beckerr
Wesley Neal Colley
Rupert A. C. Croft
James Di Francesco
Paul Joseph Groot
Vasiliki Kalogera
Charles A. Katz
Xing Li
Mikhail D. Lukin
Rodney Marks
Mikhail Medvedev
Rafael S. Millan-Gabet
Michael Andrew Pahre
Irene L. Porro
Dimitrios Psaltis
Masao Saito
Hsien Shang
Krzysztof Z. Stanek
Sridharan Kumaran Tirupati
Amichay Vardi
Martina Corinna Wiedner
Mario van den Ancker

Smithsonian Center for Materials Research and Education

Director
Lambertus van Zelst
Assistant to the Director
Beverly M. Smith
Administrative Officer
Vernetta M. Williams
Administrative Staff
Loretta E. Ester-Clark
Francine T. Lewis

Education and Training

Education Coordinator
Donald C. Williams

Archives Conservator
Fei-wen Tsai
Senior Furniture Conservator
Melvin J. Wachowiak

Microsoptist
Harry A. Alden
Senior Objects Conservator
Carol A. Grissom

Objects Conservator
Harriet (Rae) F. Beaubien
Paintings Conservator
Jia-sun Tsang
Senior Paper Conservator
Dianne van der Reyden
Technical Information Specialist
Ann B. N’Gadi

Research

Research Coordinator
Ronald L. Bishop
Senior Research Biochemist
Noreen C. Tuross
Biochemist
Jill L. Russ
Research Biologist
Connie J. Kolman
Senior Research Ceramic Scientist
Pamela B. Vandiver
Senior Research Chemists
M. James Blackman
Charles S. Tumosa
Research Chemist
Emile C. Joel
Metallurgist
Martha E. Goodway
Senior Research Organic Chemist
W. David Erhardt
Research Organic Chemists
Mary T. Baker
David W. von Endt
Senior Research Physical Scientist
Marion F. Mecklenburg

Support and Collaboration

Assistant Director for Operations
Melanie E. Feather
Analytical Chemist
Camie S. Thompson
Organic Chemists
Walter R. Hopwood
Senior Paintings Conservator
Roland H. Cunningham
Senior Textile Conservator
Mary W. Ballard

Smithsonian Environmental Research Center

Director
Ross B. Simons
Assistant Director
Anson H. Hines
Smithsonian Tropical Research Institute

Director
Ira Rubinoff

Deputy Director
Anthony G. Coates

Assistant Director for Facilities
Carlos Tejada

Assistant Director for Fellowships and Education
Georgina de Alba

Assistant Director for International and External Affairs
Elena Lombardo

Assistant Director for Scientific Support Services
Howard S. Barnes

Comptroller
Leopoldo León

Executive Officer and Assistant Director for Administration and Legal Affairs
Leonor G. Motta (retired August 31, 1999)

Facilities Manager
Paul F. Tavel

Education Specialist
A. Mark Haddon

Development Officer
James DeLorbe

Animal Ecologists
Ikla C. Feller
Peter P. Marra
Gregory M. Ruiz

Chemical Ecologist
Thomas E. Jordan

Environmental Chemist
David L. Correll

Environmental Engineer
Gary Peresta

Ecologist
Geoffrey G. Parker

Microbial Ecologists
D. Wayne Coats
Charles L. Gallegos

Modeler
Donald E. Weller

Plant Ecologists
Catherine E. Lovelock
Dennis F. Whigham

Photobiologist
Patrick J. Neale

Plant Physiologist
Bert G. Drake

Special Advisor to the Director for Technology Transfer/Environmental Policy Issues
Stanley Heckadon-Moreno

Accounting Office
Accounting Officer
Carlos Urbina

Development Office
Head, Development Office
Lisa Barnett

Diving Office
Diving Officer
José Espino

Human Resources Office
Personnel Management Specialist
Carmen Sucre

Office of Information Technology
Information Technology Officer
Francisco Rivera

Library
Branch Librarian
Vielka Chang-Yau

Office of Physical Plants
Branch Engineer
Fernando Pascal

Photographic Department
Photographer
Marcos A. Guerra

Electronic Imaging Specialist
Alejandro Caballero (resigned March 28, 1999)

Procurement Office
Supervisor, Contract Specialist
Mercedes Arroyo

Protocol Office
Protocol Officer
Mónica Alvarado

Safety Office
Safety Officer
José Ramón Perurena

Security Office
Security Manager
Alejandro Arze

Scientific Support Services
Management Specialist (Scientific)
Raineldo Urriola

Tupper Center, Ancon and Galeta Manager
Audrey M. Smith

BCI Scientific Coordinator
Oris Acevedo

BCI Manager
Daniel Millán

Naos Support Services Manager
Mercedes Denis

Naos Laboratories Scientific Coordinator
Anibal Velarde

Transition Office
Attorney
Natacha Chandler (effective June, 1999)

Visitor Services Office
Visitor Services Manager
Gloria Maggiori

Scientific Staff
Emeritus Senior Scientists
A. Stanley Rand
Neal G. Smith

Senior Scientists
Jeremy B.C. Jackson
Olga F. Linares
Mary Jane West-Eberhard

Staff Scientists
Annette Aiello
Penelope Barnes
Eldredge Bermingham
John H. Christy
Richard G. Cooke
Richard Condit
Mirra Correa
Luis D’Croz
William G. Eberhard
Helena Fortunato
The Smithsonian Institution and Its Subsidiaries, September 30, 1999

National Science Resources Center

Executive Director
Douglas M. Lapp
Deputy Director for Development, External Relations, and Outreach
Sally Goetz Shuler
Computer Analyst
Leonard West, Sr.
Project Director, Science and Technology Concepts for Middle Schools (STC/MS)
Kitty Lou Smith
Information Dissemination Director
Evelyn M. Ernst
Acting Director, Leadership and Assistance for Science Education Reform
Evelyn M. Ernst
Publications Director
Heather Dittbrenner

Office of Fellowships and Grants

Director
Roberta W. Rubinoff
Assistant Director for Administration
Catherine F. Harris
Program Manager
Bruce W. Morrison
Academic Programs Specialist
Pamela E. Hudson
Program Assistants
Gordon Bullock
Bryan T. Fair
Jennifer Swize

Office of Exhibits Central

Director
Michael Headley

Administration
Assistant Director for Programs
Mary Dillon Bird
Administrative Officer
Debbie H. Yang
Projects Manager
George Quist

Design, Editing, and Graphics
Team Leader
Mary Dillon Bird

Modelmaking
Team Leader
Richard J. Kilday

Fabrication
Team Leader
Rick Pelasara

Office of Sponsered Projects

Director
Ardelle G. Foss
Assistant Director
J. Scott Robinson
Administrative Officer
Dorothy C. Smith
Office Assistant
Vladamier X. Bouvier

Grant Administrative Management Unit

Grant and Contract Administrative Manager
Karen E. Otiji
Grant and Contract Administrators
Violet Bruce
Kathleen Hindle
Maxine Lippman
Grant and Contract Specialists
Keron Hopkins
Karen Williamson

Grant Financial Management Unit

Grant and Contract Financial Manager
Edgard Padilla
Financial Analysts
Delores Clyburn
Leni Figueiras
Financial Specialist
Marie A. Rogers
Indirect Cost Audit Analyst
Vacant
Program for Asian Pacific American Studies

Counselor to the Provost
Dr. Franklin Odo
Program Specialist
Stacey Suyat
Office Assistant
Gina Inocencio

Archives Division

Archivist and Division Director
Alan L. Bain
Associate Archivists
William E. Cox
James A. Steed
Kathleen M. Williams
Assistant Archivists
R. Shawn Johnson
Bruce R. Kirby
Michele Lee
Tammy L. Peters

Archives Technicians
Ellen V. Alers
Michael E. Willens

Archives Contractors
Leo Martinez
Sarah D. Staudeerman

Research Associates
Jane R. Glaser
Edward E. Rivinus (died 11/3/98)

Research Collaborator
Clifford Nelson

Interns
Jennifer Gunter
Jeremy Skinner

Volunteers
Patricia Breen
Heather Lee Cohen
Jane Livermore

Smithsonian Institution Libraries

Director
Nancy E. Gwinn
Assistant Directors
Thomas Garnett
Bonita D. Perry
Mary Augusta Thomas

Assistant to the Director and Publications Officer
Nancy L. Matthews
Development Officer
Gwendolen R. Leighty

Systems Office

Assistant Director and Division Manager
Thomas Garnett

Department Head
Marcia Adams

Computer Specialist
Susan Stead-Carter

Digital Projects Librarian
Martin Kalfatovic
Systems Librarian
   Elizabeth Missell

Management and Technical Services Division

Assistant Director and Division Manager
   Mary Augusta Thomas

Management Services Office

Department Head
   Laudine L. Creighton
Personnel Specialist
   David L. Bartlett

Acquisitions Services Department

Department Head
   Lucien R. Rossignol

Special Collections Department

Department Head and Exhibitions Officer
   William E. Baxter

Preservation Services Department

Department Head
   Susan F. Frampton
Conservator
   Clare Dekle
   Vacant

Cataloging Services Department

Department Head
   Sherry Kelley
Cataloging Project Manager
   Victoria Avera
Librarian-Cataloguers
   Thomas Baker
   Lowell Ashley
   Carolyn Hamilton
   Suzanne Pilsk
   Margaret A. Sealer
Special Collections Cataloguer
   Diane Shaw

Catalogue Management

Manager
   Sheila Riley

Research Services Division

Assistant Director and Division Manager
   Bonita D. Perry

Cooper-Hewitt, National Design Museum Branch

Branch Librarian
   Stephen Van Dyk
Reference Librarian
   Claire Gunning

Smithsonian Tropical Research Institute Branch

Branch Librarian
   Vielka Chang-Yau

Special Collections Department

Curator of Science and Technology Rare Books and Reference Librarian
   Ronald Brashear
Curator of Natural History Rare Books and Reference Librarian
   Leslie K. Overstreet

Central Research Services Department

Central Reference and Loan Services Branch

Department Head and Branch Librarian
   Martin A. Smith
Circulation and Loan Librarian
   Patricia Lasker
Reference Librarian
   Amy Levin

Museum Reference Center

Branch Librarian
   Valerie Wheat

Museum Support Center Branch

Branch Librarian
   E. Gilbert Taylor

History, Technology, and Art Department

National Museum of American History Branch

Department Head and Branch Librarian
   Rhoda S. Ratner
Reference Librarians
   Amy DeGroff
   James Rean

Anacostia Museum Branch

Branch Librarian
   Tracy-ann Suleiman-Stewart

National Museum of African Art Branch

Branch Librarian
   Janet L. Stanley

National Air and Space Museum Branch

Branch Librarian
   Elaine Cline
Reference Librarian
   Paul McCutcheon
Technical Information Specialist
   Philip D. Edwards

National Postal Museum Branch

Branch Librarian
   Timothy Carr

Horticulture Branch

Branch Librarian
   Marca Woodhams

Natural and Physical Sciences Department

National Museum of Natural History Branch

Department Head and Branch Librarian
   Ann Juneau
Reference Librarians
   Courtney Shaw
   Robert J. Skarr
   David T. Seeere, Jr.

Anthropology Branch

Branch Librarian
   Margaret Dittemore

Botany Branch

Branch Librarian
   Ruth F. Schallert

National Zoological Park Branch

Branch Librarian
   Alvin Hutchinson

Smithsonian Environmental Research Center Branch

Branch Librarian
   Angela N. Haggins
Historian Emeritus
Silvio A. Bedini

Smithsonian Institution
Press

Director
Peter F. Cannell
Business Manager
Prospero Hernandez
Executive Editor, Museum Publications
Caroline Newman
Managing Editor
Duke Johns
Marketing Manager
Annette Windhorn
Production Manager
Martha Sewall
Design Manager
Janice Wheeler
Managing Editor, Smithsonian Contributions and Studies Series
Diane Tyler
Administrative Officer
Anne Garvey

Smithsonian Institution
Traveling Exhibition Service (SITES)

Director
Anna R. Cohn

Administration

Deputy Director
Lori Yarrish

Program

Director of Exhibits
Frederica R. Adelman

External Relations

Director of External Relations
Andrea Stevens

Development

Director of Development
Johleen D.N. Cannon

International Gallery

Director
Anne Gossett

The Under Secretary

Under Secretary
Constance B. Newman
Executive Director
Anna B. Martin
Confidential Assistant
Constance E. Lykes

Office of the General Counsel

General Counsel
John E. Huerta
Deputy General Counsel
James D. Douglas
Marsha S. Shaines
Assistant General Counsel
Rachelle V. Browne
Farleigh H. Earhart
Mildred M. Glover
Lauryn G. Grant
Elaine L. Johnston
Lisa A. Landsman
John K. Lapiana
Chris Nicholson
James I. Wilson
Legal Assistants
Debra Y. Belton
William C. Limborn
Mariko C. Murray
Moore M. Queen
Anne H. Westbrook
Special Assistant
Lisa B. Bennett
Management Support Assistants
Sue E. Lake
Queenie C. Gray
Fernando J. Arce

Media Relations, Office of Public Affairs

Associate Director
Linda St. Thomas
Staff
Mary Combs
Vicki Moeser
Hamlet Paoletti
Rachel Sears
Elizabeth Tait

Publications, Office of Public Affairs

Associate Director
Kathryn Lindeman
Staff
John Barrat
Colleen Hershberger
Jo Ann Webb

Office of Contracting

Director
John W. Cobert

Administration Division

Assistant Director
John P. Howser

Procurement and Training Branch
Manager
Evanne E. Browne

Travel Services Branch
Manager
Judith Petroski

Property and Inventory Management Branch
Manager
Lymon A. Wooten

Systems Branch
Manager
Theresa J. Pomeroy

Federal and Trust Contracting Division
Assistant Director
Lynn R. Spurgeon
Renovation and Construction Contracting Division
Assistant Director
Paulette E. Pressley

Business Contracting Division
Assistant Director
Ronald F. Cuffe
Deputy Assistant Director
Lisa A. Keenan

Office of Equal Employment and Minority Affairs
Director
Era L. Marshall
Special Assistant to the Director
McKinley Harris

Affirmative Employment/Diversity Program
Program Manager
Carol Gover

Special Emphasis Program
Program Manager
Pauline Fletemeyer

Supplier Diversity Program
Program Manager
Mauricio Vera

Complaints Administration
Attorney Advisor
Kathleen Aram

Pre Complaint Program
Program Manager
Angela Roybal

Office of Information Technology Operations
Director
George Van Dyke

Office of Physical Plant
Director
Michael J. Sofield
Deputy Director
Ken Olmsted
Special Assistant to the Director
William Thomas
Financial Management Officer
Sherell Vucci
Associate Director, Architectural History and Historic Preservation
Cynthia R. Field
Assistant Director, Crafts Services Division
Judie Cooper
Assistant Director, Construction Management Division
Derek Ross
Assistant Director, Facilities Planning Division
Harry Rombach
Assistant Director, Engineering and Design Division
Larry Stuebing
Assistant Director, Horticulture Services Division
Nancy Bechtol
Assistant Director, Information Services Division
Mickey Stam
Assistant Director, Project Management Division
Sheryl Kolasinski
Associate Director, Staff and Organizational Effectiveness
Nancy Johns
Chief, Support Services
C. W. Arthur
Assistant Director, Utilities Operations and Maintenance Division
Howard L. Wink, Jr.

Office of Protection Services
Director
David F. Morrell
Deputy Director, Operations
James J. McLaughlin
Associate Director, Administration
Susan T. Tracey

Office of the Treasurer
Treasurer
Sudeep Anand

Finance and Investment Division
Senior Investment Analyst
Debra Winstead
Senior Endowment and Accounting Analyst
Lorri Gruner
Secretary
Judy Adams

Risk Management Division
Disaster Preparedness Coordinator
Pat Terry
Risk Management Analyst
Katherine Tkac
Paralegal Specialist
Nancy Lewis
Insurance and Budget Assistant
Lizzie Clark

The Smithsonian Associates
Director
Mara Mayor
Deputy Director
Barbara S. Tuceling
Associate Director for Educational and Cultural Programs
Carol Bogash
Associate Director for Marketing and Membership
Holly Dell Tyler

Resident Associate Program
Program Managers
Brigitte Blachere
Faye Dale Browning
Binney Levine
Senior Programmers
Roberta S. Gasbarre
Karen M. Gray
Cheryl Taylor

Smithsonian Study Tours
Program Manager
Amy Kockin
Deputy Program Manager
Prudence Clendenning
Senior Program Coordinators
Mary Beth Mullen
Barbara York
Visitor Information and Associates’ Reception Center

**Director**
Mary Grace Potter

**Deputy Director**
Vacant

**Administrative Officer**
Grace Tull

**Computer Specialist**
Dana Small

**Unit Manager, Public Inquiry Mail and Telephone Information Services**
Katherine Neill Ridgley

**Unit Manager, Information Resource Division**
Jane Gardner

**Coordinator, Telephone Information Services**
Cordelia Benedict

**Coordinator, Behind the Scenes Volunteer Program**
Roberta Buchanan

**Coordinator, Visitor Information Unit**
Tricia Byrne

**Coordinator, Visitor Information Unit**
Sheila Washington
Members of the Smithsonian Institution Councils, Boards, and Commissions, September 30, 1999

Smithsonian Institution Board of Regents

The Honorable William H. Rehnquist, Chief Justice of the Supreme Court of the United States, Chancellor, ex officio
The Honorable Albert Gore, Jr., Vice President of the United States, ex officio

Members of the Senate

The Honorable Thad Cochran, Senator from Mississippi
The Honorable Bill Frist, Senator from Tennessee
The Honorable Daniel P. Moynihan, Senator from New York

Members of the House of Representatives

The Honorable Sam Johnson, Representative from Texas
The Honorable Robert T. Matsui, Representative from California
The Honorable Ralph Regula, Representative from Ohio

Citizen Members

The Honorable Howard H. Baker, Jr., Citizen of the District of Columbia

The Honorable Barber B. Conable, Jr., Citizen of New York
Ms. Anne d'Harnoncourt, Citizen of Pennsylvania
Dr. Hanna Holborn Gray, Citizen of Illinois
Dr. Manuel L. Ibanez, Citizen of Texas
Dr. Homer A. Neal, Citizen of Michigan
Mr. Frank A. Shrontz, Citizen of Washington
Mr. Wesley S. Williams, Jr., Citizen of the District of Columbia

Smithsonian Institution Senior Officers

I. Michael Heyman, Secretary
Constance Berry Newman, Under Secretary
J. Dennis O'Connor, Provost
Gary M. Beer, Chief Executive Officer, Smithsonian Business Ventures
Thomas D. Blair, Inspector General
Robert V. Hanle, Executive Director for Development
Donald L. Hardy, Director of Government Relations
James M. Hobbins, Executive Assistant to the Secretary
John E. Huerta, General Counsel
David J. Umansky, Director of Communications

L. Carole Wharton, Director of the Office of Planning, Management, and Budget

Smithsonian Institution Council

Dr. Robert McC. Adams
Dr. Joyce O. Appleby
Dr. Ellsworth Brown
Dr. George R. Carruthers
Dr. Linda S. Cordell
Dr. Ruth Schwartz Cowan
Mrs. Diane Frankel
Mr. David R. Gergen
Mrs. Kinshasha Holman Conwill
Dr. Daniel H. Janzen
Ms. Akemi Kikumura Yano
Dr. J. Jorge Klor de Alva
Mr. John Wilbur McCarter, Jr.
Mrs. Cheryl McClenney-Brooker
Dr. Clifton Arthur Poodry
Dr. Richard J. Powell
Ms. Mimi Quintanilla
Dr. Lauren B. Resnick
Dr. Jeremy A. Sabloff
Mr. Igor I. Sikorsky, Jr.
Dr. Beryl B. Simpson
Dr. Elisabeth S. Vrba
Dr. John Walsh
Smithsonian Institution
National Board

Current Members
Hon. Frank Weil, Chairman
Hon. Max Berry, Vice-Chair
Mrs. Carolyn S. Blount
Mr. L. H. “Hacker” Caldwell
Mr. Peter R. Coneway
Mr. Thomas E. Congdon
Mr. Frank A. Daniels Jr.
Mr. Archie W. Dunham
Dr. Sylvia A. Earle
Mrs. Jane B. Eisner
Mrs. Patricia Frost
Ms. Nely Galan
Mr. Bert Getz
Mr. Stephen Hamblett
Mr. Frederic C. Hamilton
Mr. Paul Hertelendy
Mr. Robert L. James
Mrs. Dona Kendall
Mrs. Marie L. Knowles
Hon. Marc E. Leland
Mrs. Elizabeth S. MacMillan
Mr. John D. Macomber
Mrs. Holly Madigan
Mrs. Millicent Mailliard, ex officio
Mr. Michael McBride
Mrs. Nan Tucker McEvoy
Mr. Kenneth B. Miller
Hon. Norman Y. Mineta
Mr. Thomas D. Mullins
Mr. Henry R. Muñoz III
Ms. Nancy Brown Negley
Mr. John M. Nelson
Mrs. Mary Ourisman
Mr. James Patton
Mr. Heinz C. Prechter
Mr. Thomas F. Pyle Jr.
Baron Eric de Rothschild
Mr. A. R. Sanchez
Mr. David M. Silfen
Mr. Kenneth L. Smith
Mr. Kelso Sutton
Mr. Jackson Tai
Mr. Anthony Welters
Mr. Daniel Yohannes

Honorary Members
Mr. Robert McC. Adams
Mr. William S. Anderson
Mr. Richard P. Cooley
Mr. Joseph F. Cullman 3rd
Mr. Charles D. Dickey Jr.
Mr. Alfred C. Glassell Jr.
Mr. James M. Kemper Jr.
Mrs. Jean B. Mahoney
Hon. George C. McGhee
Justice Sandra D. O’Connor
Mr. S. Dillon Ripley
Mr. Francis C. Rooney Jr.
Mr. Wilbur L. Ross Jr.
Mr. Lloyd G. Schermer
Mrs. Gay F. Wray

Anacostia Museum Board
Mrs. Helen Allen
Mr. Stanley Anderson
Mr. Glover Bullock
Ms. Irene Carter
Ms. Dianne Dale
Mrs. Marie Dale
Mrs. Iris Harris
Mrs. Concha Johnson
Mr. Alton Jones
Mrs. Theresa Jones
Mrs. Della Lowery
Mr. David Lyons
Dr. Caryl Marsh
Mrs. Cynthia Clark Matthews
Mrs. Alenitha J. Qualls

Archives of American Art Board of Trustees
Mrs. Otto L. Spaeth, Chairman Emeritus
Mrs. Keith S. Wellin, Chairman
Mr. Frank Martucci, President
Mrs. Arthur A. Feder, Vice President
Mrs. Joseph G. Fogg, III, Vice President
Mr. Hugh Halff, Jr., Vice President
Mrs. Richard Roob, Vice President
Mrs. Dana M. Raymond, Secretary
Mr. John R. Robinson, Treasurer
Mrs. Laura Blanton
Dr. Charles Blitzter
Ms. Lori Blount Cucchiaro
Mr. Gerald Buck
Mrs. Barbara de Marneffe
Mr. Donald Douglass
Ms. Barbara Fleischman
Ms. Elizabeth Gordon
Mr. Hugh Halff, Jr.
Mr. Raymond Horowitz
Mrs. Janet Karatz
Mrs. Dona Kendall
Mr. Werner Kramarsky
Ms. Hilva Lansman
Mr. Richard Manoogian
Dr. Samuel Miller
Mrs. Vivian Potamkin
Mr. Jock Reynolds
Mrs. Polly Rubin
Mrs. Ann Stack
Mr. A. Alfred Taubman
Lady Judith Thomson

Trustee Council
The Honorable Max N. Berry
Mr. Gilbert S. Edelson
Mrs. Daniel Fraad
Mr. John Howat
Dr. Helen Jessup
Mr. Alan Levy
Mrs. Abbott K. Schlain
Mr. Alan F. Schwartz

Honorary Trustees
Dr. Irving Burton
Mr. Richard J. Schwartz

Ex Officio Members
Mr. I. Michael Heyman
Mr. J. Dennis O’Connor
Mr. William C. Agee

Arthur M. Sackler Gallery Visiting Committee
Mrs. John B. Bunker
Mr. George J. Fan, Vice Chair
Dr. Robert S. Feinberg
Mrs. Hart Fessenden, Chair
Dr. Kurt A. Gitter
Mrs. Richard Helms
Dr. Florence Cawthorne Ladd
Mrs. Marie Lam
Mrs. James R. Lilley
Mrs. Jill Hornor Ma
Dr. Kenneth X. Robbins
Mr. Sichan Siv
Mr. Abolala Soudavar
Mr. Robert Ching Tang
Mr. Paul F. Walter
Cooper-Hewitt, National Design Museum Board of Directors

Mr. Harvey M. Krueger, Chairman
Mr. Arthur Ross, Vice Chairman
Mrs. Kathleen B. Allaire
Mr. Jorge L. Batista
Ms. Agnes Cowles Bourne
Mr. Donald Bruckmann
Mrs. Anne Ehrenkranz
Mrs. Joanne Foster
Secretary I. Michael Heyman
Ms. Elaine La Roche
Mrs. Barbara Levin
Mrs. Nancy A. Marks
Mr. Richard Meier
Mr. Kenneth B. Miller
Mr. Harry G. Robinson, III
Mr. Richard M. Smith
Mr. Edward A. Weinstein

Honorary Members
Mrs. Joan K. Davidson
Mr. Harmon H. Goldstone

Ex Officio Members
Secretary I. Michael Heyman
Mr. J. Dennis O’Connor

Council of Directors
Dr. Milo Cleveland Beach
Dr. Elizabeth Broun
Mr. James H. Bruns
Dr. Spencer R. Crew
Mr. James T. Demetrion
Vice Admiral Donald D. Engen
Dr. Alan Forno
Mr. Robert W. Fri
Mr. Steven Newsome
Ms. Dianne H. Pilgrim
Dr. Michael H. Robinson
Dr. Ira Rubinstein
Dr. Irwin I. Shapiro
Mr. Ross B. Simons
Dr. Roslyn Walker
Dr. Richard J. Wattenmaker
Mr. W. Richard West, Jr.

Ms. Nancy J. Bechtol
Ms. Francine C. Berkowitz
Mr. Joseph Carper
Dr. Zahava D. Doering
Ms. Anne R. Gossett
Dr. Nancy E. Gwinn
Mr. Mike Headley
Ms. Edie Hedlin
Mr. Paul B. Johnson
Dr. Richard Kurin
Dr. Douglas M. Lapp
Ms. Janice Majewski
Dr. Mara Mayor
Ms. Mary Grace Potter
Mr. Robert L. Schelin
Mr. David J. Umansky
Dr. Lambertus Van Zelst
Mr. Ronald Walker
Mr. James H. Wallace, Jr.

Folklife Advisory Council
Dr. Roger Abrahams
Dr. Jacinto Arias
Dr. Jane Beck
Dr. Pat Jasper
Dr. Barbara Kirshenblatt-Gimblett
Dr. Bernice Johnson Reagon
Dr. John Roberts
Dr. Carol Robertson
Dr. Gilbert Sprauve
Dr. John Kuol Wei Tchen
Dr. Ricardo Trimillos
Dr. Carlos Velez-Ibanez

Folkways Advisory Board
Mr. Michael Asch
Mr. Don DeVito
Ms. Ella Jenkins
Mr. Jon Kertzer
Mr. John Nixdorf

Freer Gallery of Art Visiting Committee
Mr. Willard G. Clark
Mr. Richard M. Danziger, Chair
Dr. Kurt A. Gitter
Mrs. Richard Helms
Sir Joseph E. Hotung
Mr. Rogerio S. Lam
Mr. Christopher Luce
Mrs. Elizabeth Moynihan
Mr. Martin Powers

Dr. Gursharan Sidhu, Vice Chair
Ms. Elizabeth ten Grotenhuis
Ms. Shelby White

Hirshhorn Museum and Sculpture Garden Board of Trustees

Mrs. Melva Bucksbaum
Mr. Robert B. Lehrman, Chair
Dr. Marvin Mordes
Mrs. Camille Oliver-Hoffmann, Vice Chair
Ms. Pocchitta Pierce
Mr. Mitchell Rales

Ex Officio Members
Secretary I. Michael Heyman
The Honorable William H. Rehnquist

National Air and Space Museum Advisory Board

Mr. Thomas L. Blair
General John K. Dailey
The Honorable Jane Garvey
Secretary I. Michael Heyman
Mr. Thomas W. Hoog
The Honorable Sam Johnson
Captain David Kunkel, USCG
Lieutenant General Frederick McCorkle, USMC
Rear Admiral John B. Nathman, USN
General Michael Ryan
Brigadier General John K. Schmitt, USA
Dr. Y.C.L. Susan Wu

National Museum of African Art Commission

Prof. David C. Driskell
Mr. John A. Friddle
Mr. Joseph M. Goldenberg
Dr. Joseph E. Harris
Mrs. Frances Humphrey Howard
Mr. Elliot Lawrence
Mr. Brian S. Leyden
The Honorable Frank E. Moss
Mr. Robert H. Nooter
Mrs. Frieda Rosenthal
Prof. Robert Farris Thompson
The Honorable Walter E. Washington


**Annals of the Smithsonian Institution 1999**

**Ex Officio Member**

Secretary I. Michael Heyman

**National Museum of American Art Commission**

Mr. Ronald D. Abramson  
Mr. Norman Bernstein  
Mr. Edwin I. Colodny  
Mrs. Ann Cousins  
Mr. James T. Demerrio  
Mr. Barney A. Ebsworth  
Mrs. Daniel Fraad  
Mrs. Patricia Frost  
Mrs. Shelby M. Gans  
Mr. Ken Hakuta  
Mr. Hugh Half, Jr.  
Secretary I. Michael Heyman  
Mr. Raymond J. Horowitz  
Mrs. Linda Lichtenberg Kaplan  
Mr. William G. Kerr  
Mr. Melvin Lenkin  
Mr. Henry Luce, III  
Mr. Peter H. Lunder  
Mr. Jesus Morales  
Dr. Paul D. Parkman  
Mr. Gerald L. Pearson  
Mrs. Morris S. Pynoos  
Mr. Frank K. Ribelin  
Mr. Richard J. Schwartz  
Mr. Ferdinand T. Stent  
Mr. Wesley S. Williams, Jr.

**Emeritus Members**

Mr. Walker Hancock  
Mr. R. Crosby Kemper  
Mrs. Nan Tucker McEvoy  
Mr. David Purvis  
Mr. Charles H. Sawyer

**National Museum of American History Board**

Dr. Ivan Selin, Chair  
Mr. Todd Axelrod  
Dr. Alison R. Bernstein  
Mr. Richard L. Carrion  
Mr. Peter Clausen  
The Honorable Thad Cochran  
Mr. Lester Colbert, Jr.  
Mr. George M. Ferris, Jr.  
Mr. Jerry Florence  
Mr. George C. Freeman, Jr.  
Prof. Neil Harris  
Mr. Robert F. Hemphill, Jr.  
Ms. Irene Y. Hirano  
Thomas W. Langfitt, M.D.  
Mrs. Dorothy Lemelson  
Mr. James R. Mellor  
Mr. Elihu Rose  
Seymour I. Schwartz, M.D.  
Mr. Marvin D. Williams  
Mr. Jeffery W. Meyer  
Dr. Nancy R. Morin  
Mr. James R. Patton, Jr.  
Mr. Paul Risser  
Ms. Desiree G. Rogers  
Mr. Alan G. Spoon  
Mr. Marshall C. Turner, Jr.  
Mr. Milton H. Ward  
Mr. Howard H. Williams, III

**National Museum of the American Indian Board of Trustees**

Mr. Manley Alan Begay, Jr.  
Mr. James A. Block  
Dr. Ebsworth Brown  
Mr. Duane Champagne  
Ms. Eloise Cobell  
Mr. George L. Cornell  
Mr. Billy L. Cypress  
Mr. Vine Deloria, Jr.  
Mr. Charles M. Diker  
Ms. Catherine S. Fowler  
Mr. Douglas George  
Mr. Dwight Gourneau  
Mr. George Gund, III  
Secretary I. Michael Heyman  
Mr. Peter J. Johnson  
Mrs. Lotetta Kaufman  
Ms. Henrietta Mann  
Ms. Joann Sebastian Morris  
Mr. J. Dennis O'Connor  
Mr. Jorge Flores Ochoa  
The Honorable Ted Stevens  
Ms. Luci Tapahonso  
Mr. Bernie Whitebear  
Ms. Ofelia Zepeda

**National Portrait Gallery Commission**

The Honorable Anthony C. Beilenson  
The Honorable Jeannine Smith Clark, Chair  
Prof. Stephen Jay Gould  
Ms. Julie Harris  
Prof. David Levering Lewis  
Prof. R.W.B. Lewis  
Ms. Bette Bao Lord  
Mrs. Joan Mondale  
The Honorable Robert B. Morgan  
Mr. Roger H. Mudd  
Prof. Barbara Novak

**Ex Officio Members**

Secretary I. Michael Heyman, Smithsonian Institution  
Dr. Earl A. Powell III, Director, National Gallery of Art  
The Honorable William H. Rehnquist, Chief Justice, U.S. Supreme Court

**National Museum of Natural History Board**

Mr. Kenneth E. Behring  
Dr. Isabella C.M. Cunningham  
Dr. David Dilcher  
Dr. Thomas Eisner  
Dr. William B. Ellis  
Mr. Robert W. Fri  
The Honorable William H. Frist  
Mr. Edward O. Gaylord  
Mr. Arthur Gray, Jr.  
Mr. John S. Hendricks  
Dr. Stanley O. Ikenberry  
Mrs. Jean Lane  
Mr. Robert H. Malott  
The Honorable James A. McClure

**National Postal Museum Advisory Commission**

The Honorable Winton M. Blount  
Mrs. Lovida Coleman  
Ms. Amina Dickerson  
Ms. Meredith Fischer  
Dr. Manuel L. Ibanez  
Mr. Azezaly Jaffer  
The Honorable John M. McHugh
Mr. Arthur H. Morowitz
Mr. Tim E. Needham
Mr. James E. Pehta
Ms. Elizabeth C. Pope
Mrs. Jeanette Cantrell Rudy
Mr. Edwin M. Schmidt
The Honorable Robert S. Setrakian
The Honorable Ted Stevens

Dr. Bernard S. Finn
Dr. Robert M. Fitch
Dr. Jerry P. Gollub
Dr. Ana M. Guzman
Dr. Anders Hedberg
Dr. Richard Hinman
Dr. David Jenkins
Ms. Mildred E. Jones
Dr. John W. Layman
Dr. Leon M. Lederman
Ms. Sarah A. Lindsey
Dr. Lynn Margulis
Dr. Ted Maxwell
Dr. Mara Mayor
Dr. John A. Moore
Dr. Carlo Parravano
Dr. Robert Redky
Ms. Ruth O. Selig
Dr. Maxine F. Singer
Dr. Robert D. Sullivan
Ms. Nancy Thomas
Dr. Gerald F. Wheeler
Dr. Richard L. White
Dr. Paul H. Williams
Ms. Karen L. Worth

Ex Officio Members

Mr. J. Dennis O'Connor
Mrs. Barbara K. Schneider
Dr. William Colglazier
Dr. Rodger Bybee

National Zoological Park Advisory Board

Mr. Peter C. Andrews
Mr. Robert A. Bartlett, Jr.
Ms. Edith A. Cecil
Dr. David Challinor
The Honorable Jeannine Smith Clark
Mr. George A. Didden, III
Ms. Caroline D. Gabel
Mrs. Laura Howell
Mrs. Alberta Allen Kelly
Dr. William C. Ramsay
Mr. Jeffrey R. Short, Jr.
Mr. Henry M. Strong
Mrs. Carole A. Valentine
Mrs. Beatrix von Hoffman

Honorary Members

Mrs. Joan Donner
Mrs. Ruth S. Holmberg
Mrs. Adrienne Mars

Smithsonian Institution
Environmental Research Center Board of Advisors

The Honorable Helen Delich Bentley
Ms. Susan Hager
Michael Hayman, M.D.
John Hobbie, Ph.D.
The Honorable Norman Y. Mineta
Beth Stevens, Ph.D.
Prof. Richard P. Thornell
Ms. Kathleen Wagner

Smithsonian Institution
Archives and Special Collections Council

Mr. James B. Byers
Ms. Cecilia H. Chin
Ms. Fynnette Eaton
Dr. John A. Fleckner
Dr. Nancy E. Gwinn
Ms. Edie Hedlin
Ms. Colleen A. Hennessey
Mr. John Homiak
Ms. Lauranne C. Nash
Mr. C. Jeffrey Place
Dr. Thomas F. Soapes
Mr. William G. Tompkins
Ms. Linda A. Thrift
Mr. James H. Wallace, Jr.
Ms. Ching-Hsien Wang
Mr. Mark A. Wright
Dr. Judith K. Zilczer

Smithsonian Institution Libraries Users Advisory Committee

Dr. Gail S. Davidson
Ms. Paula T. DePriest
Ms. Patricia Gossel
Dr. Nancy E. Gwinn
Mr. Von D. Hardesty
Ms. Elaine L. Johnston
Dr. Thomas E. Lowderbaugh
Dr. Nancy L. Matthews
Dr. Sorena S. Sorensen
Mr. Melvin J. Wachowiak, Jr.

Smithsonian Institution
Washington Council

Ms. Jin-Hyun Weatherly Ahn
Mr. Oliver T. Carr
The Honorable Elaine L. Chao
Mr. Emilio A. Fernandez
Mr. Donald Edward Graham
Mr. J. Roderick Heller, III
Mrs. Kathleen Mullins Hough
Mr. James V. Kimsey
Mr. R. Robert Linowes
Mr. Mario M. Morino
Mrs. Irene Pollin
Mr. John R. Risher, Jr.
Mrs. Vicki Sant
Mr. Ladislaus von Hoffmann

Woodrow Wilson
International Center
for Scholars Board
of Trustees
The Honorable Madeleine K. Albright
The Honorable James A. Baker, III
Mr. Steven Alan Bennett, Esq.
Mr. Samuel R. Berger
Dr. James H. Billington
Joseph A. Cari, Jr., Esq.
Mr. John W. Carlin
The Honorable Joseph D. Duffey
Mr. William R. Ferris
Mr. Joseph H. Flom, Esq.
Ms. Jean L. Hennessey
Secretary I. Michael Heyman
Mr. Eli S. Jacobs
Mr. Paul Hae Park
The Honorable Richard W. Riley
The Honorable S. Dillon Ripley, II
The Honorable Donna E. Shalala

Smithsonian Institution
Women’s Committee
Mrs. Marta Atla
Mrs. Marilyn Barrett
Mrs. Christine Blazina
Mrs. Annelise Brand
Mrs. I. Townsend Burden, III
Mrs. Margaret Bush
Mrs. Margaret Camp
Mrs. Doniphan Carter
Mrs. Frank B. Clay
Mrs. Lloyd E. Clayton
Mrs. Richard Cobb
Ms. Cissel Gott Collins
Mrs. Margaret Collins
Mrs. Willis D. Crittenden, Jr.
Mrs. Fritz Daguillard
Mrs. Helen Davison
Mrs. J. Edward Day
Mrs. Jill Fri
Mrs. Mary Goldberg
Mrs. William F. Gorog
Mrs. Karl G. Harr, Jr.
Mrs. Henry L. Heymann
Mrs. Stanford R. Hicks
Mrs. George H. Hughey
Mrs. Walter Innis
Mrs. Ronald Ivey
Mrs. Joanne Johnson
Mrs. Betty Kadick
Mrs. Pamela Kloman
Mrs. Sherley Koteen
Mrs. Carol Kuehl
Mrs. Jane Kuuskra
Ms. Patricia Larkin
Mrs. Bruce K. MacLaury
Mrs. William S. Mailliard
Mrs. Alexander M. Maish
Mrs. Martha Martin
Mrs. Arthur K. Mason
Mrs. Joan Lambert McPhee
Mrs. Ruth Metcalf
Mrs. Sarah Milam
Ms. Louise C. Millikan
Mrs. J. Suzanne Moore
Mrs. Horace White Peters
Mrs. Charles L. Poor
Mrs. C. Michael Price
Mrs. Thomas Malcolm Price
Ms. Judy Lynn Prince
Major General James G. Randolph
Mrs. Karen Rockwood
Mrs. William C. Rountree
Mrs. Arden Ruttenberg
Mrs. John A. Sargent
Mrs. Alice Sessions
Mrs. Joy Vige
Mrs. Sally Walker
Mrs. Wendy Wall
Mrs. James Bud Ward
Mrs. Charles Swan Weber
Mrs. John R. Webster
Mrs. Jerome Weiss
Mrs. Philip C. Whire

Ms. Teresa Bush
Ms. Faya Causey
Ms. Anita Chapa
Ms. Montrose R. Cones
Ms. Deirdre Cross
Ms. Georgina de Alba
Ms. Kimberly L. Dow
Ms. Betty Epps
Mr. Brian Fair
Ms. Paula Fletemeyer
Ms. Ann R. Garvey
Ms. Jill Greenstein
Ms. Marcia Gregory
Ms. Joanie Heavey
Mrs. Judith H. Houston
Ms. Pamela Elizabeth Hudson
Ms. Veronika O. Jenke
Ms. Jean Kalata
Mr. Peter Kibbee
Mr. Bruce R. Kirby
Ms. Elizabeth Kirwin
Mrs. Sharon F. Leathery
Ms. Jane LeGrow
Ms. Cassandra Lewis
Ms. Nancy Lewis
Ms. Sherri Manning
Ms. Cathy Maree
Ms. Elena P. Mayberry
Ms. Lisa Mazzola
Mr. Richard Moll
Ms. Dana Moreland
Mr. Bruce Morrison
Ms. Luanne C. Nash
Ms. Rachel Orgeron
Ms. Karen Oriji
Ms. Gloria Player
Ms. Amy Putnam
Ms. Arlene Reimiger
Dr. Marc Rothenberg
Ms. Niki Sandovaal
Ms. Mary Sangrey
Mrs. Magdalene C. Schremp
Ms. Heidi L.R. Schwartz
Mr. Raymond W. Seefeldt
Mr. Robert Shallcross
Ms. Karen B. Smith
Ms. Myra Banks Smith
Mr. Tim Smith
Ms. Annie Teamer
Mr. William G. Tompkins
Ms. Esther Washington
Ms. Jennifer Wheeler
Ms. Allison Wickens
Ms. Sabina Wiedenhoeft
Ms. Andrea Williams
Mr. Donald C. Williams
Ms. Frances Yeh
Ms. Alex Yi
## Visits to Smithsonian Institution Museums and Galleries

<table>
<thead>
<tr>
<th>Building</th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>Jan</th>
<th>Feb</th>
<th>Mar</th>
<th>Apr</th>
<th>May</th>
<th>Jun</th>
<th>Jul</th>
<th>Aug</th>
<th>Sep</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>SI CASTLE</td>
<td>139,425</td>
<td>108,061</td>
<td>85,651</td>
<td>59,069</td>
<td>75,677</td>
<td>141,079</td>
<td>277,675</td>
<td>198,277</td>
<td>197,657</td>
<td>281,880</td>
<td>187,073</td>
<td>105,379</td>
<td>1,854,903</td>
</tr>
<tr>
<td>A&amp;I</td>
<td>67,847</td>
<td>55,799</td>
<td>50,231</td>
<td>33,876</td>
<td>43,406</td>
<td>56,650</td>
<td>84,819</td>
<td>75,364</td>
<td>69,854</td>
<td>92,080</td>
<td>68,289</td>
<td>44,220</td>
<td>742,415</td>
</tr>
<tr>
<td>NASM</td>
<td>620,580</td>
<td>631,847</td>
<td>485,212</td>
<td>352,879</td>
<td>376,811</td>
<td>723,062</td>
<td>1,407,483</td>
<td>1,201,641</td>
<td>1,044,648</td>
<td>1,214,165</td>
<td>859,268</td>
<td>484,394</td>
<td>9,401,990</td>
</tr>
<tr>
<td>FREER</td>
<td>30,151</td>
<td>21,215</td>
<td>22,162</td>
<td>15,490</td>
<td>22,722</td>
<td>27,674</td>
<td>43,066</td>
<td>41,522</td>
<td>33,103</td>
<td>44,231</td>
<td>36,029</td>
<td>26,940</td>
<td>364,305</td>
</tr>
<tr>
<td>RENWICK</td>
<td>13,810</td>
<td>12,738</td>
<td>11,922</td>
<td>6,675</td>
<td>5,512</td>
<td>10,301</td>
<td>13,888</td>
<td>11,979</td>
<td>10,007</td>
<td>10,300</td>
<td>8,396</td>
<td>10,382</td>
<td>125,910</td>
</tr>
<tr>
<td>NPG</td>
<td>12,459</td>
<td>15,711</td>
<td>15,029</td>
<td>12,799</td>
<td>12,097</td>
<td>15,491</td>
<td>15,096</td>
<td>14,758</td>
<td>14,155</td>
<td>17,416</td>
<td>13,765</td>
<td>11,505</td>
<td>170,281</td>
</tr>
<tr>
<td>NMAA</td>
<td>14,506</td>
<td>14,808</td>
<td>13,926</td>
<td>14,057</td>
<td>15,987</td>
<td>16,831</td>
<td>19,587</td>
<td>21,688</td>
<td>16,228</td>
<td>17,199</td>
<td>16,206</td>
<td>11,505</td>
<td>192,573</td>
</tr>
<tr>
<td>NMAH</td>
<td>356,338</td>
<td>348,520</td>
<td>424,555</td>
<td>183,748</td>
<td>228,996</td>
<td>495,781</td>
<td>754,766</td>
<td>686,509</td>
<td>566,641</td>
<td>699,084</td>
<td>557,111</td>
<td>377,922</td>
<td>5,680,001</td>
</tr>
<tr>
<td>NMNH</td>
<td>432,310</td>
<td>422,267</td>
<td>349,993</td>
<td>250,481</td>
<td>303,807</td>
<td>559,212</td>
<td>778,883</td>
<td>804,407</td>
<td>944,294</td>
<td>982,159</td>
<td>813,973</td>
<td>434,594</td>
<td>7,076,380</td>
</tr>
<tr>
<td>HMSG</td>
<td>70,646</td>
<td>70,774</td>
<td>53,272</td>
<td>34,174</td>
<td>36,724</td>
<td>57,545</td>
<td>81,313</td>
<td>87,235</td>
<td>73,198</td>
<td>86,625</td>
<td>83,475</td>
<td>60,665</td>
<td>795,646</td>
</tr>
<tr>
<td>ANACOSTIA</td>
<td>149</td>
<td>1,183</td>
<td>1,071</td>
<td>700</td>
<td>1,818</td>
<td>1,685</td>
<td>2,741</td>
<td>3,319</td>
<td>7,359</td>
<td>2,453</td>
<td>2,355</td>
<td>661</td>
<td>25,794</td>
</tr>
<tr>
<td>CH</td>
<td>11,776</td>
<td>12,836</td>
<td>14,640</td>
<td>13,077</td>
<td>8,632</td>
<td>10,379</td>
<td>6,946</td>
<td>7,615</td>
<td>8,174</td>
<td>7,615</td>
<td>6,830</td>
<td>6,771</td>
<td>903</td>
</tr>
<tr>
<td>AFRICAN ART</td>
<td>16,154</td>
<td>17,765</td>
<td>12,486</td>
<td>9,749</td>
<td>19,383</td>
<td>22,719</td>
<td>23,589</td>
<td>26,792</td>
<td>23,746</td>
<td>31,070</td>
<td>25,975</td>
<td>15,458</td>
<td>245,786</td>
</tr>
<tr>
<td>SACKLER</td>
<td>18,408</td>
<td>17,362</td>
<td>14,907</td>
<td>11,107</td>
<td>10,608</td>
<td>17,609</td>
<td>25,960</td>
<td>22,675</td>
<td>18,369</td>
<td>23,100</td>
<td>21,852</td>
<td>16,310</td>
<td>213,276</td>
</tr>
<tr>
<td>RIPLEY</td>
<td>12,768</td>
<td>11,740</td>
<td>7,849</td>
<td>6,595</td>
<td>11,853</td>
<td>12,361</td>
<td>16,702</td>
<td>37,355</td>
<td>49,579</td>
<td>79,037</td>
<td>63,637</td>
<td>23,451</td>
<td>333,537</td>
</tr>
<tr>
<td>NMAI</td>
<td>58,523</td>
<td>54,228</td>
<td>49,581</td>
<td>39,901</td>
<td>42,042</td>
<td>50,285</td>
<td>54,508</td>
<td>49,241</td>
<td>44,412</td>
<td>54,290</td>
<td>47,785</td>
<td>42,750</td>
<td>587,546</td>
</tr>
<tr>
<td>SILVER HILL</td>
<td>1,061</td>
<td>705</td>
<td>541</td>
<td>445</td>
<td>526</td>
<td>748</td>
<td>823</td>
<td>823</td>
<td>856</td>
<td>688</td>
<td>774</td>
<td>843</td>
<td>8,882</td>
</tr>
<tr>
<td>POSTAL</td>
<td>34,402</td>
<td>35,043</td>
<td>33,228</td>
<td>30,782</td>
<td>31,114</td>
<td>41,956</td>
<td>47,678</td>
<td>45,271</td>
<td>43,660</td>
<td>44,871</td>
<td>40,047</td>
<td>33,719</td>
<td>461,743</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>1,096,522</td>
<td>1,052,902</td>
<td>1,644,256</td>
<td>1,675,854</td>
<td>1,247,735</td>
<td>2,261,348</td>
<td>3,655,525</td>
<td>3,356,531</td>
<td>3,165,886</td>
<td>3,688,078</td>
<td>2,852,811</td>
<td>1,701,491</td>
<td>28,380,547</td>
</tr>
</tbody>
</table>

Reports of Affiliated Organizations

The John F. Kennedy Center for the Performing Arts, the National Gallery of Art, and the Woodrow Wilson International Center for Scholars were established by Congress within the Smithsonian Institution under their own boards of trustees. The Institution provides administrative services on contract to Reading Is Fundamental, Inc., an independent organization.

John F. Kennedy Center for the Performing Arts

James A. Johnson, Chairman
Lawrence J. Wilker, President

The Kennedy Center is America’s living memorial to President John F. Kennedy and the national center for the performing arts. The Kennedy Center commissions, produces, and presents more than 3,500 performances of music, theater, and dance from this nation and abroad. It makes the performing arts available to everyone through free and discounted performances, nurtures new works, supports American artists, and serves the nation as a leader in arts education. This year, more than 5 million people visited the Kennedy Center. The Kennedy Center’s national reach was extended through touring productions, television, and the Internet. An additional 1 million people attended Kennedy Center touring productions nationwide, and more than 10 million people watched Kennedy Center television broadcasts.

The Kennedy Center has two permanent Millennium Stages dedicated to free daily 6:00 p.m. concerts. Since the program’s inception, more than 500,000 people have watched the nightly concerts, 375 groups have made their Kennedy Center debuts, and more than 9,000 artists from around the world and all 50 states have performed on the Millennium Stage. On April 1, a daily live Internet broadcast was inaugurated at www.kennedy-center.org.

The Kennedy Center’s National Symphony Orchestra and Music Director Leonard Slatkin completed a highly successful year nationally and internationally. They performed from Beijing to Biloxi and received world recognition for being advocates of American music. Innovative festival programming was the highlight of the season and featured five festivals. The orchestra made its debut in China before President Jiang Zemin and completed a Seventh American Residency in Mississippi, where it spent 10 days in performance, including 115 education and outreach events. It also earned the highest praise yet for its Carnegie Hall concerts.

The Kennedy Center continues to build a worldwide reputation for commitment to quality in theater. Last season’s highlights featured the Washington pre-Broadway premieres of Footloose, which broke box office records in New York, and the Tony Award-winning revival of Annie Get Your Gun. Brothers of the Knight, a Kennedy Center commission, by Debbie Allen and James Ingram, won a Helen Hayes Award for outstanding choreography. Stunning international presentations graced the stages: the American premiere of A Hotel in the Town of NN (Russia), The Game of Love and Chance and Les Arts Sont (France), Orféo (Canada), and Mamel Mendive (Cuba). African Odyssey completed a third season with a yearlong celebration of music, dance, and theater of the African Diaspora. Africa Fete, the center’s world music tour, performed in 16 cities. The center’s “Imagination Celebration” on tour included 200 nationwide performances in 82 cities and 49 states of Tales of a Fourth Grade Nothing, The Nightingale, and Little Women. More than 500 colleges participated in the center’s annual American College Theater Festival.

The Kennedy Center’s commitment to new work in dance continued with the commissioning of collaborations between
jazz composers with dance companies and choreographers: PiloBoios and the Maria Schneider Orchestra, Parsons Dance Company with Phil Woods, Paul Taylor Dance Company with the Paragon RagTime Orchestra, and Bill T. Jones with Fred Hersch. Internationally, the newly reconstructed Ballet Suédois by the Royal Swedish Ballet and Swan Lake by the legendary Stanislavsky Ballet staged their American premieres at the center.

The Kennedy Center’s national reach was extended through television, touring productions, and the Internet. Six nationally televised programs emanated from the center: The Mark Twain Prize (Comedy Central), The Kennedy Center Honors (CBS), Memorial Day and July 4th National Symphony Orchestra Concerts (PBS), Kennedy Center Presents Los Americanos (PBS), and the Hispanic Heritage Awards (NBC).

The Kennedy Center solidified its commitment to the future of the performing arts in the new millennium by introducing the “First Decade Initiative” to commission a minimum of 10 new works each year of the first decade.

National Gallery of Art

Earl A. Powell III, Director

The National Gallery of Art serves the nation by preserving, collecting, exhibiting, and fostering the understanding of works of art at the highest possible museum and scholarly standards.

The gallery family was deeply saddened by the death of its dear friend, longtime trustee, and principal benefactor Paul Mellon on February 1. Mellon’s final gift includes 183 works of art, among them 37 wax and plaster sculptures by Edgar Degas, and endowment funds for acquisitions, art education, the archives, and the Center for Advanced Study in the Visual Arts. During his lifetime, Mellon gave more than 900 works of art to the gallery.

The exhibition year began with “Van Gogh’s Van Goghs: Masterpieces from the Van Gogh Museum, Amsterdam,” a selection of 70 works kept together by the artist’s brother and his family. The art of portraiture was featured in three exhibitions of works by John Singer Sargent, Mary Cassatt, and Jean-Auguste-Dominique Ingres. Other highlights included “Edo: Art in Japan 1615–1868,” which presented nearly 300 scrolls, screens, sculptures, ceramics, textiles, and woodblock prints; Italian baroque terracottas from Russia’s State Hermitage Museum; recently acquired works by 19th- and 20th-century photographers; 17th-century still life paintings, shown in the Dutch Cabinet Galleries; and “The Golden Age of Chinese Archaeology: Celebrated Discoveries from The People’s Republic of China,” an unprecedented exhibition of 200 archaeological artifacts and works of art dating as far back as 7,000 years.

Six years of planning and construction culminated with the opening in May of the National Gallery of Art Sculpture Garden. The garden and 10 sculptures displayed there are a gift of The Morris and Gwendolyn Cafritz Foundation.

Placed among thousands of plantings, from 40-foot trees to many varieties of groundcovers, are 17 sculptures by such outstanding post–World War II artists as Magdalena Abakanowicz, Louise Bourgeois, Scott Burton, Mark di Suvero, Barry Flanagan, Ellsworth Kelly, Sol LeWitt, Roy Lichtenstein, Joan Miro, Isamu Noguchi, Claes Oldenburg and Coosje van Bruggen, George Rickey, Lucas Samaras, Joel Shapiro, David Smith, and Tony Smith.

Among the year’s purchases for the collections were a painting of soldiers playing cards and dice by the early 17th-century French artist Valentin de Boulogne; a book of landscape sketches by Oscar Bluemner, done in France and Italy; a watercolor and ink drawing by American synchromist Stanton MacDonald-Wright; an extremely rare print by the earliest known engraver, the Master of the Playing Cards; and an album of 81 drawings made in Rome by Jacques-Louis David.

Outstanding among the many gifts to the collections were an early 16th-century pen and ink drawing by Hans Suss von Kulmbach from Mrs. Neil F. Phillips; a Dürer drawing, Female Nude Praying, from The Ian Woodner Family Collection; a partial gift of a Raphaëlle Peale still life, A Dessert, from Jo Ann and Julian Ganz Jr.; and a partial gift of a Georgia O’Keefe painting, Black, White, and Blue from Barney Ebsworth.

Among the gifts for the photography collection were a very early Frederick and William Lengenheim photograph (1849) and works from the 1860s by Robert MacPherson and Felice Beato. Other photographers whose works were added to the collection included Berenice Abbott, Ralph Crawford, Imogene Cunningham, Roy DeCarava, Robert Fichter, André Kertész, Leonard Missone, Arnold Newman, Dorothy Norman, and August Sander.

The education division initiated two new programs: a popular monthly Saturday morning children’s film program and a summer institute on museum careers for District of Columbia high school students. An electronic classroom project focusing on the Shaw Memorial by Augustus Saint-Gaudens was organized with the Massachusetts Corporation for Educational Technology and reached approximately 42,000 students in schools throughout the country.

Reading Is Fundamental, Inc.

Lynda Johnson Robb, Chairman
William E. Trueheart, President and Chief Executive Officer

Reading Is Fundamental, Inc. (RIF) creates and delivers children’s and family literacy programs to prepare young children to become eager and engaged readers, to motivate school-age children to discover the joys of reading, and to support children’s efforts to become strong readers. In 1998, RIF served children and their families at more than 16,500 sites, including schools, libraries, community health centers.
hospitals, Head Start and Even Start sites, Native American reservations, migrant worker camps, detention centers, and homeless shelters. Through a network of 240,000 volunteers, RIF reached more than 3.5 million children nationwide.

RIF’s core activity is its National Book Program, which provides motivation training and “seed money” for RIF program coordinators to purchase new books at significant discounts for free distribution to children. Building on that strong foundation, RIF is poised to reach 5 million children a year by the end of 2000. RIF places highest priority on serving the nation’s neediest children—those at greatest risk of educational failure and economic hardship—with special emphasis on serving children from birth to age 11.

RIF received a five-year grant from the U.S. Department of Education’s Star Schools Program to develop RIFNet, a consortium that will create and disseminate technology-based, multimedia training programs for parents, educators, and literacy volunteers to enable them to help children get ready to read and become better readers. The network, operational in 2000, will deliver programs and training via satellite and cable TV, the Internet, video, and CD-ROMs.

RIF developed Care to Read, a series of workshops to provide resources and training to caregivers in child-care centers and family-based day-care centers. Last year, Care to Read was piloted at early childhood programs and day-care centers in Delaware and Virginia.

In 1998, RIF entered year two of a landmark, multiyear program actively supported by Delaware Governor Thomas Carper and First Lady Martha Carper and the state’s Department of Education. The Delaware RIF Initiative provides teacher training, literacy services, and books to every first-grade classroom in Delaware’s public schools and serves every child enrolled in Head Start, Even Start, Early Childhood Assistance, and Parents-as-Teachers programs.

RIF children across the country participated in our National Reading Celebration through a series of events that culminated in the annual Reading Is Fun Week in April. An awards ceremony at the Capital Children’s Museum in Washington, D.C., honored national RIF Reader winner, Harry Bates of Selma, Alabama, and winner of the National Poster Contest, José Giraldo of New York.

With a generous donation of 250,000 new books from Scholastic, Inc., RIF launched a summer reading program in Washington, D.C., that enabled every student in the city’s public elementary schools to select three free new books. The program also created classroom libraries. RIF Chairman Lynda Johnson Robb and President and Chief Executive Officer William E. Trueheart presided at the kickoff event with Scholastic’s President and Chief Executive Officer Richard Robinson. Joining them were U.S. Secretary of Education Richard W. Riley, Sen. James Jeffords, Sen. Charles Robb, Rep. Sheila Jackson-Lee, and District of Columbia Mayor Anthony Williams and Superintendent of Schools Arlene Ackerman.

RIF also teamed with the Washington, D.C., Public Library to launch the library’s summer reading program. The program was made possible through RIF’s partnership with Best Buy, Inc., as part of the corporation’s commitment to America’s Promise, chaired by retired General Colin Powell. (America’s Promise is dedicated to mobilizing individuals, groups, and organizations from every part of American life to build and strengthen the character and competence of youth.) RIF Chairman Lynda Johnson Robb serves as vice-chair of America’s Promise.

Woodrow Wilson International Center for Scholars

Lee H. Hamilton, Director

As Washington, D.C.’s nonpartisan research institution examining important issues in the humanities, social sciences and public policy, the Woodrow Wilson International Center for Scholars holds a unique place in our nation. Established by Congress in 1968 as the nation’s memorial to our 28th president, the Wilson Center provides a link between the world of ideas and the world of policy making. Situated in the Ronald Reagan Building on Pennsylvania Avenue, it is a fitting place for the 150 scholars from all over the world who visit the center each year to carry out research and interact with Washington practitioners.

The Wilson Center assembles policy makers, academicians, members of Congress, scholars, and business and national leaders in more than 300 conferences and meetings per year. These lively events provide the public with the opportunity to ask questions and explore new ideas with academic and research and policy experts. The wide array of topics covered this year included the effects of C-SPAN on Congress and the political career of Slobodan Milosevic. The center’s renowned Kennan Institute for Advanced Russian Studies celebrated its 25th anniversary this year.

The center is expanding its scope and activities, yet also relying more of its work to a few central themes. Three themes are key: the role of the United States in the world and issues of leadership and partnership; governance; and long-term challenges facing the United States and the world.

Six new or expanded initiatives were launched this year. First, a series of Director’s Forums have brought more than a dozen notable speakers to the Woodrow Wilson Center. Sitting and former prime ministers, several ambassadors, cabinet officials, members of Congress, and other officials have spoken. The center has also begun a “Project on Sovereignty in the Digital Age,” which is examining the information revolution and its profound impact on the global economy and on relations between governments and the private sector. The project explores how to balance national sovereignty with the need for new international rules in an age when the Internet and electronic commerce operate both within and beyond national borders. In addition, the center has started two new regional programs and expanded a third. Projects on Canada and on Africa are new to the center, and the Middle East Program is being expanded with a
focus on Islam and on women. These are all exciting additions to the work of the center.

The Congress Project, the sixth initiative, seeks to bring together current and former members of Congress and staff, congressional scholars, representatives of the media, and the general public to examine aspects of the policy process on Capitol Hill. The project director, a 28-year House staff veteran, developed the model for the project as a public policy scholar with a series of programs in 1998 on "The Information Age Congress and the Policy Process." The project’s 1999–2000 series will look at "Congress and the Purse Strings."

Dialogue, the Wilson Center’s award-winning weekly radio program, has continued its long-running role as a forum for showcasing the work that goes on at the center. It is produced in association with Smithsonian Productions and broadcast nationwide by the Armed Forces Radio Network. This summer, the program’s host, George Liston Seay, marked a milestone in recording his 500th interview for the show. And the popular Wilson Quarterly remains one of the most widely circulated scholarly journals of its kind, with an annual readership of more than 60,000 subscribers.

While new initiatives were added this year, existing programs and projects continued to provide for open, fair, and nonpartisan study and dialogue. Center activities included serious discussion from the Balkans, Kosovo, Iran, and environmental policy to updates on critical nonproliferation concerns and reviews of developments in China, Japan, Russia, Europe, Brazil, and Mexico.
Financial Report

Rick Johnson, Chief Financial Officer

The Smithsonian Institution receives funding from both federal appropriations and nonappropriated trust sources. Nonappropriated trust funds include all funds received from sources other than direct federal appropriations. These other sources include gifts and grants from individuals, corporations, and foundations; grants and contracts from federal, state, or local government agencies; earnings from short- and long-term investments; revenue from membership programs; and revenue from business activities, such as Smithsonian magazine, museum shops and restaurants, mail order catalogues, and licensed products.

Federal appropriations provide funding for the Institution's core functions: caring for and conserving the national collections, sustaining basic research on the collections and in selected areas of traditional and unique strength, and educating the public about the collections and research findings through exhibitions and other public programs. Federal appropriations also fund most activities associated with maintaining and securing the facilities and with various administrative and support services.

Smithsonian trust funds allow the Institution to undertake new ventures and enrich existing programs in ways that would not otherwise be possible. These funds provide the critical margin of excellence for innovative research, building and strengthening the national collections, constructing and presenting effective and up-to-date exhibitions, and reaching out to new and underrepresented audiences. In recent years, the Smithsonian has also begun to rely on trust funds to support major new construction projects.

The following sections describe the external environmental factors affecting the Institution's general financial condition, its financial status, and its planned response to changing conditions; financial results for fiscal year 1999; and organizational and financial measures being taken to ensure the continued fiscal health of the Institution.

Financial Perspectives

As we move into the new millennium, the Smithsonian has made major advances in several key projects that will sustain and enhance its reputation as a world-class center for research and education. The Smithsonian's continued focus on generating new revenues through fund-raising and business activities is integral to this advancement.

The Discovery Center in the National Museum of Natural History opened in fiscal year 1999. This project provides space for new programs, a café, an IMAX® theater, and an expanded museum shop. Incremental net income from business activities in the museum will repay the funds borrowed to build this facility.

The fund-raising campaign for the Dulles Center, a major extension of the National Air and Space Museum at Dulles International Airport, continued this year. By the end of calendar year 1999, approximately 68 percent of the campaign goal of $135 million had been received in cash and pledges. The capstone of the campaign was a $60 million pledge from Steven F. Udvar-Hazy. Net income from business activities in this facility and pledge payments will repay planned borrowing. The project is also receiving significant support from the Commonwealth of Virginia, which includes providing the basic infrastructure for roads, landscaping, and parking.

The Smithsonian has entered into an agreement to purchase the Victor Building, an office building near the Old Patent Office Building, which houses the National Portrait Gallery, the National Museum of American Art, and the Archives of American Art. The purpose of the acquisition is to move administrative offices currently in leased space, reclaim gallery space in the Patent Office Building by relocating administrative and support functions, and provide additional program space. Fund-raising and savings from amounts currently bud-
targeted for leases will service debt for this $106 million facility. Planned occupancy is in fiscal year 2000.

The groundbreaking ceremony for the National Museum of the American Indian on the National Mall was held in 1999. The museum is scheduled to open in 2003. This project is being funded by a combination of federal appropriations and private funding. At the end of the year, plans were under way to raise the final 20 percent of the project costs.

In support of these projects, the Smithsonian established Smithsonian Business Ventures and appointed Gary M. Beer, previously president and CEO of the Sundance Group, as CEO of that organization. Smithsonian Business Ventures is a separate entity within the Institution approved by the Board of Regents with a goal of doubling business revenue in five years. The Smithsonian’s national capital campaign, currently in its “quiet phase,” continued to significantly increase giving to the Institution.

**Fiscal Year 1999 Results**

Operating revenues received by the Institution in fiscal year 1999 from all sources totaled $869.6 million. Revenue from federal appropriations accounted for $402.6 million, and nonappropriated trust funds provided an additional $467.0 million. When adjusted to remove auxiliary activity expenses of $191.8 million, net revenues totaled $677.8 million. The chart on this page reflects revenues by source and broad purpose of use.

**Operations**

Federal operating revenue of $344.0 million provided the core funding for ongoing programs of the Institution. The fiscal year 1999 federal appropriation of $351.3 million represented a net increase of $17.9 million over the fiscal year 1998 level. After reduction of $3.4 million for one-time costs in the fiscal year 1998 budget, increases totaled $21.3 million. The increases included $9.1 million for mandatory increases in pay, utilities, and rent; $6.0 million for operations of the National Museum of the American Indian; $1.5 million for the National Museum of Natural History for operations and move costs associated with additions to the museum; and $4.7 million to meet security system requirements that were not Year 2000 compliant.

General trust revenue was $276.5 million, a 2 percent increase over the previous year. Donor/sponsor revenue for undesignated purposes of $33.7 million was basically unchanged from the prior year. Sales and membership revenue rose 2 percent, reversing a decline from last year. However, the net revenue from these activities was up more than 58 percent, in part due to a reduction in expenses. This increase was the result of a major restructuring of the Smithsonian Institution Press, which eliminated unprofitable lines of business, and the success of *Smithsonian* magazine.

Revenue from donor/sponsor designated funds totaled $123.6 million, more than doubling the amount from fiscal year 1998. Major gifts and grants included the $60 million pledge from Steven F. Udvar-Hazy for the National Air and Space Museum’s Dulles Center and $10 million from Ralph Lauren for the Star-Spangled Banner Preservation Project at the National Museum of American History.

The Smithsonian is especially grateful to its many friends in the private sector whose generosity contributed vitally to its work. The names of major donors are listed in the Donors section of this annual report.

In fiscal year 1999, the Institution recorded $66.9 million in revenue from contracts and grants from government agencies, a $9.6 million increase over fiscal year 1998. Support from government agencies constitutes an important source of research funding, while also providing the granting agencies access to Smithsonian expertise and resources. As in previous years, most of these funds were provided by the National Aeronautics and Space Administration for research programs at the Smithsonian Astrophysical Observatory. One of the largest and most important projects funded was the Chandra X-ray Observatory, which is now in orbit and contributing to astrophysical knowledge. Two projects received support from Save America’s Treasures, a public-private partnership between the White House Millennium Council and the National Trust for Historic Preservation: $5.0 million for the Star-Spangled Banner Preservation Project and $1.4 million for Apollo space program artifacts at the National Air and Space Museum.

**Endowment**

The Institution pools its endowment funds for investment purposes into a consolidated portfolio, with each endowment purchasing shares in a manner similar to shares purchased by an investor in a mutual fund.

The Investment Policy Committee of the Board of Regents establishes investment policy and recommends the annual payout for the consolidated endowment. The Smithsonian’s policies for managing the endowment are designed to achieve two objectives: to provide a stable, growing stream of payouts for current expenditures and to protect the value of the endowment against inflation and maintain its purchasing power. Current policy calls for an average payout of 4.5 percent of the average market value over the prior five years. With this payout policy, to achieve the endowment’s objectives, the investment policy targets a real rate of return of 5 percent.

The market value of the endowment increased from $580.9 million to $658.5 million during fiscal year 1999. The total includes $1.0 million that is not pooled with other endowment assets. The total return for the endowment, net of fees, was $121.5 million, and transfers into the endowment totaled $8.5 million. Offsetting these amounts was an endowment payout of $21.0 million and a net transfer out of the endowment of $31.4 million. The transfer moved funds to a private operating foundation that had been the recipient of the endowment payout to perform research consistent with the requirements of the endowment.

The total return on the consolidated portfolio was 21.78 percent. At the end of the fiscal year, the Institution’s portfolio was invested 71 percent in equities, 28 percent in bonds,
and 1 percent in cash. The portfolio had 24 percent in foreign stocks and bonds and 77 percent in U.S. securities.

Construction Funds

In fiscal year 1999, federal appropriations for construction were $66.4 million. This amount included $40.0 million for general repair, restoration, and code compliance projects throughout the Institution. Funds earmarked for new construction, alterations, and modifications totaled $20.4 million. Included in this amount is $16.0 million for the Mall museum of the National Museum of the American Indian and $4.0 million for renovations, repairs, and master plan projects at the National Zoological Park.

Nonappropriated trust construction funds totaled $5.9 million. Approximately $4.4 million supported construction of facilities for the National Museum of the American Indian; $1.0 million contributed to the reinstallation of the Janet Annenberg Hooker Hall of Geology, Gems, and Minerals at the National Museum of Natural History; $0.2 million supported renovation of the Cooper-Hewitt National Design Museum; and $0.2 million went to several smaller projects.

Financial Position

The Smithsonian Institution’s Statement of Financial Position presents the total assets, liabilities, and net assets of the Institution. Total assets of $1.3 billion exceed total liabilities of $156 million and continue to be indicative of the financial strength of the Institution. During fiscal year 1999, the most significant increases in the Institution’s financial position included growth in investments of approximately $82 million, an increase in net property and equipment of $16 million, and the $66 million pledge from Steven F. Udvar-Hazy.

Financial Management

During the year, the Institution devoted significant resources to deal with the Year 2000 software problem. A final review by the Regents’ Audit and Review Committee found the steps taken to be satisfactory, and all major systems were functioning effectively at the beginning of 2000.

Other financial management improvement initiatives undertaken in fiscal year 1999 included:

- A project in the Office of the Comptroller to implement software that would facilitate accurate preparation and electronic processing of travel authorization and voucher forms. The software will be tested with selected units early in fiscal year 2000 and then rolled out to all units.
- Improved collection of amounts due under grants and contracts by the Office of Sponsored Projects as a result of automation and systems enhancement.
- Electronic Funds Transfer (EFT) for employee travel reimbursements.

Additional financial management improvement initiatives planned to start in fiscal year 2000 include the following:

- Updating and streamlining financial policies and procedures. The project includes putting policies online in a searchable format.
- Implementation of a credit card system for small purchases.
- Development of a comptroller’s manual to document accounting procedures.

Audit Activities

The Institution’s financial statements are audited annually by KPMG LLP, an independent public accounting firm. The audit plan includes an in-depth review of the Institution’s internal control structure. The KPMG LLP Independent Auditors’ Report for fiscal year 1999 and the accompanying financial statements are presented on the following pages.

The Smithsonian’s internal audit staff, part of the Office of Inspector General, assists the external auditors and regularly audits the Institution’s various programs, activities, and internal control systems. The Audit and Review Committee of the Board of Regents provides an additional level of financial oversight and review.

In accordance with the government requirement for the use of coordinated audit teams, the Defense Contract Audit Agency, the Smithsonian Office of Inspector General, and KPMG LLP coordinate the audit of grants and contracts received from federal agencies.

Smithsonian Institution at a Glance

- 16 museums and galleries
- 400 buildings in 5 states, Washington, D.C., and Panama
- 19,000 acres
- 6.6 million square feet of owned space
- 31.4 million visits in 1999 (including an estimated 3 million at the National Zoo)
- 141 million objects, works of art, and specimens
- 40 million hits per month at the Smithsonian Web site (www.si.edu)
- 2.1 million members of the Smithsonian Associates
FINANCIAL REPORT

RICK JOHNSON, CHIEF FINANCIAL OFFICER

The Smithsonian Institution receives funding from both federal appropriations and non-appropriated trust sources. Nonappropriated trust funds include all funds received from sources other than direct federal appropriations. These other sources include gifts and grants from individuals, corporations, and foundations; grants and contracts from federal, state, or local government agencies; earnings from short- and long-term investments; revenue from membership programs; and revenue from business activities, such as Smithsonian magazine, museum shops and restaurants, mail order catalogues, and licensed products.

Federal appropriations provide funding for the Institution's core functions: caring for and conserving the national collections, sustaining basic research on the collections and in selected areas of traditional and unique strengths, and educating the public about the collections and research findings through exhibitions and other public programs. Federal appropriations also fund most activities associated with maintaining and securing the facilities and with various administrative and support services.

Smithsonian trust funds allow the Institution to undertake new ventures and enrich existing programs in ways that would not otherwise be possible. These funds provide the critical margin of excellence for innovative research, building and strengthening the national collections, constructing and presenting effective and up-to-date exhibitions, and reaching out to new and underrepresented audiences. In recent years, the Smithsonian has also begun to rely on trust funds to support major new construction projects.

The following sections describe the external environmental factors affecting the Institution's general financial condition, its financial status and its planned response to changing conditions; financial results for fiscal year 1999; and organizational and financial measures being taken to ensure the continued fiscal health of the Institution.

Financial Perspectives

As we move into the new millennium, the Smithsonian has made major advances in several key projects that will sustain and enhance its reputation as a world-class center for research and education. The Smithsonian's continued focus on generating new revenues through fund raising and business activities is integral to this advancement.

The Discovery Center in the National Museum of Natural History opened in fiscal year 1999. This project provides space for new programs, a café, an IMAX® theater, and an expanded museum shop. Incremental net income from business activities in the museum will repay the funds borrowed to build this facility.

The fund-raising campaign for the Dulles Center, a major extension of the National Air and Space Museum at Dulles International Airport, continued this year. By the end of calendar year 1999, approximately 68 percent of the campaign goal of $130 million had been received in cash and pledges. The capstone of the campaign was a $60 million pledge from Steven F. Udvar-Hazy. Net income from business activities in this facility and pledge payments will repay planned borrowing. The project is also receiving significant support from the Com-
The Smithonian has entered into an agreement to purchase the Victor Building, an office building near the Old Patent Office Building, which houses the National Portrait Gallery, the National Museum of American Art, and the Archives of American Art. The purpose of the acquisition is to move administrative offices currently in leased space, reclaim gallery space in the Patent Office Building by relocating administrative and support functions, and provide additional program space. Fund raising and savings from amounts currently budgeted for leases will service debt for this $106 million facility. Planned occupancy is in fiscal year 2000.

The groundbreaking ceremony for the National Museum of the American Indian on the National Mall was held in 1999. The museum is scheduled to open in 2003. This project is being funded by a combination of federal appropriations and private funding. At the end of the year, plans were under way to raise the final 20 percent of the project costs.

In support of these projects, the Smithsonian established Smithonian Business Ventures and appointed Gary M. Beer, previously president and CEO of the Sundance Group, as CEO of that organization. Smithsonian Business Ventures is a separate entity within the Institution approved by the Board of Regents with a goal of doubling business revenue in five years. The Smithonian’s national capital campaign, currently in its “quiet phase,” continued to significantly increase giving to the Institution.

Fiscal Year 1999 Results
Operating revenues received by the Institution in fiscal year 1999 from all sources totaled $869.6 million. Revenue from federal appropriations accounted for $402.6 million, and nonappropriated trust funds provided an additional $467.0 million. When adjusted to remove auxiliary activity expenses of $191.8 million, net revenues totaled $677.8 million. The chart on this page reflects revenues by source and broad purpose of use.

Operations (Table 1)
Federal operating revenue of $344.0 million provided the core funding for ongoing programs of the Institution. The fiscal year 1999 federal appropriation of $351.3 million represented a net increase of $17.9 million over the fiscal year 1998 level. After reduction of $3.4 million for one-time costs in the fiscal year 1998 budget, increases totaled $21.3 million. The increases included $9.1 million for mandatory increases in pay, utilities, and rent; $6.0 million

FY 1999 Sources of Net Revenues

<table>
<thead>
<tr>
<th>General Trust</th>
<th>Gov't Grants &amp; Contracts</th>
<th>Donor/Sponsor</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.5%</td>
<td>9.9%</td>
<td>23.2%</td>
<td>31.6%</td>
</tr>
</tbody>
</table>

*Net of expenses related to revenue-generating activities, e.g., museum shops, restaurants, publications, etc.

** General trust is reduced from Table 1 by the Donor/Sponsor Contributions.
for operations of the National Museum of the American Indian: $1.5 million for the National Museum of Natural History for operations and move costs associated with additions to the museum; and $4.7 million to meet security system requirements that were not Year 2000 compliant.

General trust revenue was $276.5 million, a 2 percent increase over the previous year. Donor/sponsor revenue for undesignated purposes of $33.7 million was basically unchanged from the prior year. Sales and membership revenue rose 2 percent, reversing a decline from last year. However, the net revenue from these activities was up more than 58 percent, in part due to a reduction in expenses. This increase was the result of a major restructuring of the Smithsonian Institution Press, which eliminated unprofitable lines of business, and the success of *Smithsonian* magazine.

Revenue from donor/sponsor designated funds totaled $123.6 million, more than doubling the amount from fiscal year 1998. Major gifts and grants included the $60 million pledge from Steven F. Udvar-Hazy for the National Air and Space Museum's Dulles Center and $10 million from Polo Ralph Lauren for the Star-Spangled Banner Preservation Project at the National Museum of American History.

The Smithsonian is especially grateful to its many friends in the private sector whose generosity contributed vitally to its work. The names of major donors are listed in the Benefactors section of this annual report.

In fiscal year 1999, the Institution recorded $66.9 million in revenue from contracts and grants from government agencies, a $9.6 million increase over fiscal year 1998. Support from government agencies constitutes an important source of research funding, while also providing the granting agencies access to Smithsonian expertise and resources. As in previous years, most of these funds were provided by the National Aeronautics and Space Administration for research programs at the Smithsonian Astrophysical Observatory. One of the largest and most important projects funded was the Chandra X-ray Observatory, which is now in orbit and contributing to astrophysical knowledge. Two projects received support from Save America's Treasures, a public-private partnership between the White House Millennium Council and the National Trust for Historic Preservation: $3.0 million for the Star-Spangled Banner Preservation Project and $1.4 million for Apollo space program artifacts at the National Air and Space Museum.

**Endowment**

The Institution pools its endowment funds for investment purposes into a consolidated portfolio, with each endowment purchasing shares in a manner similar to shares purchased by an investor in a mutual fund.

The Investment Policy Committee of the Board of Regents establishes investment policy and recom-

---

**Sales and Membership Activities ($ millions)**

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Gross Revenue</th>
<th>Net Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>194</td>
<td>8</td>
</tr>
<tr>
<td>1996</td>
<td>192</td>
<td>6</td>
</tr>
<tr>
<td>1997</td>
<td>202</td>
<td>19</td>
</tr>
<tr>
<td>1998</td>
<td>213</td>
<td>16</td>
</tr>
<tr>
<td>1999</td>
<td>217</td>
<td>25</td>
</tr>
</tbody>
</table>

---

**Market Value of Endowment ($ millions)**

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>435</td>
<td>483</td>
<td>600</td>
<td>581</td>
<td>658</td>
</tr>
</tbody>
</table>
mends the annual payout for the consolidated endowment. The Smithsonian's policies for managing the endowment are designed to achieve two objectives: to provide a stable, growing stream of payouts for current expenditures and to protect the value of the endowment against inflation and maintain its purchasing power. Current policy calls for an average payout of 4.5 percent of the average market value over the prior five years. With this payout policy, to achieve the endowment's objectives, the investment policy targets a real rate of return of 5 percent.

The market value of the endowment increased from $580.9 million to $658.5 million during fiscal year 1999. The total includes $1.0 million that is not pooled with other endowment assets. The total return for the endowment, net of fees, was $121.5 million, and transfers into the endowment totaled $8.5 million. Offsetting these amounts was an endowment payout of $21.0 million and a net transfer out of the endowment of $31.4 million. The transfer moved funds to a private operating foundation that had been the recipient of the endowment payout to perform research consistent with the requirements of the endowment.

The total return on the consolidated portfolio was 21.78 percent. At the end of the fiscal year, the Institution's portfolio was invested 71 percent in equities, 28 percent in bonds, and 1 percent in cash. The portfolio had 23 percent in foreign stocks and bonds and 77 percent in U.S. securities.

**Construction Funds**

In fiscal year 1999, federal appropriations for construction were $60.4 million. This amount included $40.0 million for general repair, restoration, and code compliance projects throughout the Institution. Funds earmarked for new construction, alterations, and modifications totaled $20.4 million. Included in this amount is $16.0 million for the Mall museum of the National Museum of the American Indian and $4.4 million for renovations, repairs, and master plan projects at the National Zoological Park.

Nonappropriated trust construction funds totaled $5.9 million. Approximately $4.4 million supported construction of facilities for the National Museum of the American Indian; $1.0 million contributed to the reinstallation of the Janet Annenberg Hooker Hall of Geology, Gems, and Minerals at the National Museum of Natural History; $0.3 million supported renovation of the Cooper-Hewitt, National Design Museum; and $0.2 million went to several smaller projects.

**Financial Position**

The Smithsonian Institution's Statement of Financial Position presents the total assets, liabilities, and net assets of the Institution. Total assets of $1.7 billion far exceed total liabilities of $406 million and continue to be indicative of the financial strength of the Institution. During fiscal year 1999, the most significant increases in the Institution's financial position included growth in investments of approximately $92 million, an increase in net property and equipment of $40 million, and the $60 million pledge from Steven F. Udvar-Hazy.

**Financial Management**

During the year, the Institution devoted significant resources to deal with the Year 2000 software problem. A final review by the Regents' Audit and Review Committee found the steps taken to be satisfactory, and all major systems were functioning effectively at the beginning of 2000.

Other financial management improvement initiatives undertaken in fiscal year 1999 included:

- An internal study that recommended implementation of an Enterprise Resource Planning (ERP) System. Funding has yet to be identified for the project, but it is hoped that implementation of the first module—the financial system—can begin in fiscal year 2001.
• A study to document accounting and systems architecture as the basis for implementing a new financial system and a draft of the functional requirements for a new general ledger.
• A project in the Office of the Comptroller to implement software that would facilitate accurate preparation and electronic processing of travel authorization and voucher forms. The software will be tested with selected units early in fiscal year 2000 and then rolled out to all units.
• Improved collection of amounts due under grants and contracts by the Office of Sponsored Projects as a result of automation and systems enhancement.
• Electronic Funds Transfer (EFT) for employee travel reimbursements.

Additional financial management improvement initiatives planned to start in fiscal year 2000 include the following:
• Updating and streamlining financial policies and procedures. The project includes putting policies online in a searchable format.
• Implementation of a credit card system for small purchases.
• Development of a comptroller’s manual to document accounting procedures.

Audit Activities
The Institution’s financial statements are audited annually by KPMG LLP, an independent public accounting firm. The audit plan includes an in-depth review of the Institution’s internal control structure. The KPMG LLP Independent Auditors’ Report for fiscal year 1999 and the accompanying financial statements are presented on the following pages. The Smithsonian’s internal audit staff, part of the Office of Inspector General, assists the external auditors and regularly audits the Institution’s various programs, activities, and internal control systems. The Audit and Review Committee of the Board of Regents provides an additional level of financial oversight and review.

In accordance with the government requirement for the use of coordinated audit teams, the Defense Contract Audit Agency, the Smithsonian Office of Inspector General, and KPMG LLP coordinate the audit of grants and contracts received from federal agencies.
Table 1. Source and Application of Institutional Resources for the Year Ended September 30, 1999 ($000)

<table>
<thead>
<tr>
<th>Trust Funds</th>
<th>Federal Funds</th>
<th>General Trust</th>
<th>Donor/Sponsor Designated</th>
<th>Government Grants &amp; Contracts</th>
<th>Total Trust Funds</th>
<th>Total FY 1999</th>
</tr>
</thead>
<tbody>
<tr>
<td>REVENUE &amp; GAINS:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal Appropriations</td>
<td>344,604</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>344,604</td>
</tr>
<tr>
<td>Endowment Payout &amp; Investment Income</td>
<td>17,337</td>
<td>6,000</td>
<td></td>
<td></td>
<td></td>
<td>23,337</td>
</tr>
<tr>
<td>Government Grants and Contracts</td>
<td>33,714</td>
<td>117,068</td>
<td></td>
<td></td>
<td></td>
<td>150,782</td>
</tr>
<tr>
<td>Donor / Sponsor</td>
<td>217,296</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>217,296</td>
</tr>
<tr>
<td>Sales and Membership</td>
<td>58,547</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>58,547</td>
</tr>
<tr>
<td>Construction</td>
<td>8,134</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>8,134</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL REVENUE &amp; GAINS</td>
<td>402,589</td>
<td>276,481</td>
<td>123,704</td>
<td>66,868</td>
<td>467,053</td>
<td>869,642</td>
</tr>
</tbody>
</table>

EXPENSES:

**Museums & Research Institutes:**

<table>
<thead>
<tr>
<th>Institution</th>
<th>General</th>
<th>Donor/Sponsor</th>
<th>Government</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anacostia Museum and Center for African American History and Culture</td>
<td>1,772</td>
<td>893</td>
<td>129</td>
<td>2,021</td>
</tr>
<tr>
<td>Archives of American Art</td>
<td>1,580</td>
<td>144</td>
<td>631</td>
<td>875</td>
</tr>
<tr>
<td>Arthur M. Sackler Gallery/Freer Gallery of Art</td>
<td>5,690</td>
<td>4,321</td>
<td>1,369</td>
<td>6,057</td>
</tr>
<tr>
<td>Center for Folklife Programs &amp; Cultural Studies</td>
<td>1,754</td>
<td>1,105</td>
<td>1,137</td>
<td>2,242</td>
</tr>
<tr>
<td>Center for Materials Research and Education</td>
<td>2,046</td>
<td>82</td>
<td>4</td>
<td>86</td>
</tr>
<tr>
<td>Cooper-Hewitt, National Design Museum</td>
<td>2,871</td>
<td>2,801</td>
<td>1,190</td>
<td>17</td>
</tr>
<tr>
<td>Hirshhorn Museum &amp; Sculpture Garden</td>
<td>4,305</td>
<td>4,328</td>
<td>187</td>
<td>4,415</td>
</tr>
<tr>
<td>National Air and Space Museum</td>
<td>43,556</td>
<td>3,815</td>
<td>4,115</td>
<td>3,386</td>
</tr>
<tr>
<td>National Museum of African Art</td>
<td>6,562</td>
<td>360</td>
<td>43</td>
<td>728</td>
</tr>
<tr>
<td>National Museum of American Art (incl. Renwick)</td>
<td>7,631</td>
<td>2,125</td>
<td>1,333</td>
<td>3,458</td>
</tr>
<tr>
<td>National Museum of American History</td>
<td>19,108</td>
<td>3,081</td>
<td>5,408</td>
<td>18</td>
</tr>
<tr>
<td>— National Postal Museum</td>
<td>571</td>
<td>149</td>
<td>2,512</td>
<td>3,164</td>
</tr>
<tr>
<td>— National Museum of the American Indian</td>
<td>3,820</td>
<td>1,344</td>
<td>3,401</td>
<td>62</td>
</tr>
<tr>
<td>— National Museum of Natural History</td>
<td>39,784</td>
<td>4,800</td>
<td>8,225</td>
<td>3,276</td>
</tr>
<tr>
<td>— Museum Support Center</td>
<td>4,556</td>
<td>9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>— National Portrait Gallery</td>
<td>4,791</td>
<td>399</td>
<td>329</td>
<td>728</td>
</tr>
<tr>
<td>— National Zoological Park</td>
<td>19,691</td>
<td>2,180</td>
<td>1,400</td>
<td>851</td>
</tr>
<tr>
<td>Smithsonian Astrophysical Observatory</td>
<td>29,049</td>
<td>9,712</td>
<td>5,548</td>
<td>53,640</td>
</tr>
<tr>
<td>Smithsonian Environmental Research Center</td>
<td>3,814</td>
<td>298</td>
<td>232</td>
<td>1,968</td>
</tr>
<tr>
<td>Smithsonian Tropical Research Institute</td>
<td>9,314</td>
<td>1,927</td>
<td>1,112</td>
<td>1,690</td>
</tr>
<tr>
<td><strong>Total Museums &amp; Research Institutes</strong></td>
<td>189,820</td>
<td>44,027</td>
<td>35,672</td>
<td>65,024</td>
</tr>
</tbody>
</table>

**Education, Museum & Scholarly Services:**

<table>
<thead>
<tr>
<th>Program</th>
<th>General</th>
<th>Donor/Sponsor</th>
<th>Government</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Center for Museum Studies</td>
<td>840</td>
<td>49</td>
<td>90</td>
<td>139</td>
</tr>
<tr>
<td>Education</td>
<td>523</td>
<td>466</td>
<td>184</td>
<td>18</td>
</tr>
<tr>
<td>Exhibits Central</td>
<td>2,138</td>
<td>98</td>
<td>88</td>
<td>186</td>
</tr>
<tr>
<td>Fellowships and Grants</td>
<td>480</td>
<td>1,538</td>
<td>138</td>
<td>1,643</td>
</tr>
<tr>
<td>International Relations</td>
<td>1,076</td>
<td>341</td>
<td>28</td>
<td>(5)</td>
</tr>
<tr>
<td>National Science Resources Center</td>
<td>217</td>
<td>949</td>
<td>888</td>
<td>1,792</td>
</tr>
<tr>
<td>The Provost</td>
<td>1,563</td>
<td>1,972</td>
<td>373</td>
<td>18</td>
</tr>
<tr>
<td>Smithsonian Institution Archives</td>
<td>1,449</td>
<td>142</td>
<td>49</td>
<td></td>
</tr>
<tr>
<td>Smithsonian Institution Libraries</td>
<td>6,137</td>
<td>955</td>
<td>138</td>
<td></td>
</tr>
<tr>
<td>Smithsonian Institution Traveling Exhibition Service</td>
<td>2,853</td>
<td>928</td>
<td>241</td>
<td>21</td>
</tr>
<tr>
<td>Sponsored Projects</td>
<td>1,284</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Education, Museum &amp; Scholarly Services</strong></td>
<td>17,248</td>
<td>8,545</td>
<td>4,054</td>
<td>1,844</td>
</tr>
</tbody>
</table>

**Total:**

<table>
<thead>
<tr>
<th>Program</th>
<th>General</th>
<th>Donor/Sponsor</th>
<th>Government</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales and Membership Activities (Programmatic)</td>
<td>1,549</td>
<td>183</td>
<td>90</td>
<td>273</td>
</tr>
<tr>
<td>America's Smithsonian</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prior Year Annual Appropriations</td>
<td>12,723</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>221,840</td>
<td>52,480</td>
<td>39,992</td>
<td>66,868</td>
</tr>
<tr>
<td>Allocation of Facilities and Depreciation Expense</td>
<td>106,759</td>
<td>5,538</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>327,999</td>
<td>58,018</td>
<td>39,992</td>
<td>66,868</td>
</tr>
</tbody>
</table>

**Sales and Membership Activities:**

<table>
<thead>
<tr>
<th>Program</th>
<th>General</th>
<th>Donor/Sponsor</th>
<th>Government</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smithsonian Press / Smithsonian Productions</td>
<td>8,637</td>
<td></td>
<td></td>
<td>8,637</td>
</tr>
<tr>
<td>Smithsonian Magazines</td>
<td>57,942</td>
<td></td>
<td></td>
<td>57,942</td>
</tr>
<tr>
<td>The Smithsonian Associates</td>
<td>33,533</td>
<td></td>
<td></td>
<td>33,533</td>
</tr>
<tr>
<td>SI Retail</td>
<td>68,044</td>
<td></td>
<td></td>
<td>68,044</td>
</tr>
<tr>
<td>Unit Sales and Membership Activities</td>
<td>23,674</td>
<td></td>
<td></td>
<td>23,674</td>
</tr>
<tr>
<td><strong>Total Sales and Membership Activities (including Overhead)</strong></td>
<td>191,830</td>
<td></td>
<td></td>
<td>191,830</td>
</tr>
</tbody>
</table>
Table 1. Source and Application of Institutional Resources for the Year Ended September 30, 1999 (S000)—(continued)

<table>
<thead>
<tr>
<th>Trust Funds</th>
<th>General</th>
<th>Donor/</th>
<th>Government</th>
<th>Total</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Federal</strong></td>
<td><strong>Trust</strong></td>
<td><strong>Sponsor Designated</strong></td>
<td><strong>Grants &amp; Contracts</strong></td>
<td><strong>Trust Funds</strong></td>
<td><strong>FY 1999</strong></td>
</tr>
<tr>
<td><strong>Funds</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Membership and Development</td>
<td></td>
<td>2,632</td>
<td>100</td>
<td>2,732</td>
<td>2,732</td>
</tr>
<tr>
<td>Administrative Offices (Net of Overhead Recovery)</td>
<td>32,084</td>
<td>2,249</td>
<td>101</td>
<td>2,350</td>
<td>34,434</td>
</tr>
<tr>
<td><strong>Total Administration before Allocation of Facilities and Depreciation Expense</strong></td>
<td>32,084</td>
<td>4,881</td>
<td>201</td>
<td>5,082</td>
<td>37,166</td>
</tr>
<tr>
<td>Allocation of Facilities and Depreciation Expense</td>
<td>14,533</td>
<td>417</td>
<td>—</td>
<td>417</td>
<td>14,950</td>
</tr>
<tr>
<td><strong>Total Administration</strong></td>
<td>46,617</td>
<td>5,298</td>
<td>201</td>
<td>5,499</td>
<td>52,116</td>
</tr>
<tr>
<td>Facilities Services</td>
<td>91,013</td>
<td>1,058</td>
<td>(260)</td>
<td>—</td>
<td>798</td>
</tr>
<tr>
<td>Depreciation</td>
<td>30,099</td>
<td>4,897</td>
<td>—</td>
<td>—</td>
<td>4,897</td>
</tr>
<tr>
<td>Allocation of Facilities Services and Depreciation to Functions</td>
<td>(121,112)</td>
<td>(5,955)</td>
<td>—</td>
<td>—</td>
<td>(5,955)</td>
</tr>
<tr>
<td><strong>Total Facilities Services and Depreciation</strong></td>
<td>—</td>
<td>—</td>
<td>(260)</td>
<td>—</td>
<td>(260)</td>
</tr>
<tr>
<td><strong>TOTAL EXPENSES</strong></td>
<td>374,536</td>
<td>255,146</td>
<td>39,933</td>
<td>66,868</td>
<td>361,947</td>
</tr>
<tr>
<td>Endowment Return Reinvested</td>
<td>—</td>
<td>69,363</td>
<td>31,065</td>
<td>—</td>
<td>100,428</td>
</tr>
<tr>
<td>Return of Gift and Appreciation Proceeds from Collections</td>
<td>—</td>
<td>—</td>
<td>(44,823)</td>
<td>—</td>
<td>(44,823)</td>
</tr>
<tr>
<td><strong>Net increase in net assets</strong></td>
<td>28,053</td>
<td>91,698</td>
<td>70,013</td>
<td>—</td>
<td>161,711</td>
</tr>
<tr>
<td>Net assets, beginning of the year</td>
<td>426,271</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>718,432</td>
</tr>
<tr>
<td>Net assets, end of the year</td>
<td>454,324</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td>880,143</td>
</tr>
</tbody>
</table>
Independent Auditors' Report

BOARD OF REGENTS
SMITHSONIAN INSTITUTION:

We have audited the accompanying statement of financial position of the Smithsonian Institution (Smithsonian) as of September 30, 1999, and the related statements of financial activity and cash flows for the year then ended. These financial statements are the responsibility of the Smithsonian's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Smithsonian Institution as of September 30, 1999, and its changes in net assets and its cash flows for the year then ended, in conformity with generally accepted accounting principles.

Washington, D.C. KPMG LLP
January 14, 2000

SMITHSONIAN INSTITUTION
Statement of Financial Position
September 30, 1999
($000)

<table>
<thead>
<tr>
<th></th>
<th>Trust Funds</th>
<th>Federal Funds</th>
<th>Total Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assets:</td>
<td></td>
<td></td>
<td>1999</td>
</tr>
<tr>
<td>Cash and balances with the U.S. Treasury</td>
<td>3,539</td>
<td>206,813</td>
<td>210,352</td>
</tr>
<tr>
<td>Receivables and advances (note 3)</td>
<td>134,542</td>
<td>20,139</td>
<td>154,681</td>
</tr>
<tr>
<td>Prepaid and deferred expenses, and other (notes 2 and 5)</td>
<td>21,984</td>
<td>—</td>
<td>21,984</td>
</tr>
<tr>
<td>Inventory</td>
<td>14,548</td>
<td>847</td>
<td>15,395</td>
</tr>
<tr>
<td>Investments (note 6)</td>
<td>738,521</td>
<td>—</td>
<td>738,521</td>
</tr>
<tr>
<td>Property and equipment, net (note 9)</td>
<td>131,266</td>
<td>468,978</td>
<td>600,244</td>
</tr>
<tr>
<td>Total assets</td>
<td>1,044,400</td>
<td>696,777</td>
<td>1,741,177</td>
</tr>
<tr>
<td>Liabilities:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts payable and accrued expenses (note 10)</td>
<td>43,777</td>
<td>50,778</td>
<td>94,555</td>
</tr>
<tr>
<td>Net payable for investment securities purchased</td>
<td>26,121</td>
<td>—</td>
<td>26,121</td>
</tr>
<tr>
<td>Deferred revenue</td>
<td>49,691</td>
<td>—</td>
<td>49,691</td>
</tr>
<tr>
<td>Long-term debt (note 11)</td>
<td>41,535</td>
<td>—</td>
<td>41,535</td>
</tr>
<tr>
<td>Deposits held for affiliates (note 12)</td>
<td>3,133</td>
<td>—</td>
<td>3,133</td>
</tr>
<tr>
<td>Unexpended federal appropriations (note 4)</td>
<td>—</td>
<td>191,675</td>
<td>191,675</td>
</tr>
<tr>
<td>Total liabilities</td>
<td>164,257</td>
<td>242,453</td>
<td>406,710</td>
</tr>
<tr>
<td>Net assets:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Unrestricted:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funds functioning as endowments (note 7)</td>
<td>459,521</td>
<td>—</td>
<td>459,521</td>
</tr>
<tr>
<td>Operational balances (notes 4 and 5)</td>
<td>61,473</td>
<td>454,324</td>
<td>515,797</td>
</tr>
<tr>
<td>Total unrestricted net assets</td>
<td>520,994</td>
<td>454,324</td>
<td>975,318</td>
</tr>
<tr>
<td>Temporarily restricted:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Funds functioning as endowments (note 7)</td>
<td>140,360</td>
<td>—</td>
<td>140,360</td>
</tr>
<tr>
<td>Donor contributions for ongoing programs</td>
<td>153,323</td>
<td>—</td>
<td>153,323</td>
</tr>
<tr>
<td>Total temporarily restricted net assets</td>
<td>293,683</td>
<td>—</td>
<td>293,683</td>
</tr>
<tr>
<td>Permanently restricted:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>True endowment (note 7)</td>
<td>63,248</td>
<td>—</td>
<td>63,248</td>
</tr>
<tr>
<td>Interest in perpetual and other trusts</td>
<td>2,218</td>
<td>—</td>
<td>2,218</td>
</tr>
<tr>
<td>Total permanently restricted net assets</td>
<td>65,466</td>
<td>—</td>
<td>65,466</td>
</tr>
<tr>
<td>Total net assets</td>
<td>880,143</td>
<td>454,324</td>
<td>1,334,467</td>
</tr>
<tr>
<td>Total liabilities and net assets</td>
<td>1,044,400</td>
<td>696,777</td>
<td>1,741,177</td>
</tr>
</tbody>
</table>

See accompanying notes to the financial statements.
## SMITHSONIAN INSTITUTION

### Statement of Financial Activity

Year ended September 30, 1999

($000)

<table>
<thead>
<tr>
<th></th>
<th>Unrestricted</th>
<th>Temporarily Restricted</th>
<th>Permanently Restricted</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Trust Funds</td>
<td>Federal Funds</td>
<td>Total</td>
<td></td>
</tr>
<tr>
<td>Operating revenue:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Government revenue:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Federal appropriations</td>
<td>66,868</td>
<td>402,589</td>
<td>402,589</td>
<td></td>
</tr>
<tr>
<td>Government grants and contracts</td>
<td>66,868</td>
<td></td>
<td>66,868</td>
<td></td>
</tr>
<tr>
<td>Total government revenue</td>
<td>66,868</td>
<td>402,589</td>
<td>469,457</td>
<td></td>
</tr>
<tr>
<td>Contributions:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Program support</td>
<td>28,079</td>
<td></td>
<td>28,079</td>
<td></td>
</tr>
<tr>
<td>Construction of facilities</td>
<td></td>
<td></td>
<td>64,609</td>
<td></td>
</tr>
<tr>
<td>Total contributions</td>
<td>28,079</td>
<td></td>
<td>87,384</td>
<td></td>
</tr>
<tr>
<td>Business activities and other:</td>
<td>2,946</td>
<td></td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>Short-term investment income</td>
<td></td>
<td></td>
<td>2,946</td>
<td></td>
</tr>
<tr>
<td>Endowment payout</td>
<td>14,391</td>
<td></td>
<td>14,391</td>
<td></td>
</tr>
<tr>
<td>Private grants</td>
<td>5,635</td>
<td></td>
<td>5,635</td>
<td></td>
</tr>
<tr>
<td>Rentals, fees, and commissions</td>
<td></td>
<td></td>
<td>26,235</td>
<td></td>
</tr>
<tr>
<td>Business activities</td>
<td>217,296</td>
<td></td>
<td>217,296</td>
<td></td>
</tr>
<tr>
<td>Total business activities</td>
<td>248,402</td>
<td></td>
<td>248,402</td>
<td></td>
</tr>
<tr>
<td>Total operating revenues</td>
<td>343,349</td>
<td>402,589</td>
<td>745,938</td>
<td></td>
</tr>
<tr>
<td>Net assets released from restrictions</td>
<td>17,948</td>
<td>17,948</td>
<td>3,957</td>
<td>869,642</td>
</tr>
<tr>
<td>Total operating revenues, and other additions</td>
<td>361,297</td>
<td>402,589</td>
<td>763,886</td>
<td>101,799</td>
</tr>
<tr>
<td>Expenses:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Research</td>
<td>69,485</td>
<td>80,760</td>
<td>150,245</td>
<td></td>
</tr>
<tr>
<td>Collections management</td>
<td>5,485</td>
<td>87,461</td>
<td>92,946</td>
<td></td>
</tr>
<tr>
<td>Education, public programs, and exhibitions</td>
<td>43,567</td>
<td>96,883</td>
<td>140,450</td>
<td></td>
</tr>
<tr>
<td>Business activities (note 15)</td>
<td>191,830</td>
<td>191,830</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Administration</td>
<td>32,674</td>
<td>107,690</td>
<td>140,364</td>
<td></td>
</tr>
<tr>
<td>Advancement</td>
<td>12,112</td>
<td></td>
<td>12,112</td>
<td></td>
</tr>
<tr>
<td>Total expenses</td>
<td>355,153</td>
<td>372,794</td>
<td>727,947</td>
<td></td>
</tr>
<tr>
<td>Increase in net assets</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>from operations</td>
<td>6,144</td>
<td>29,795</td>
<td>35,939</td>
<td></td>
</tr>
<tr>
<td>Endowment income reinvested (note 8)</td>
<td>69,363</td>
<td>69,363</td>
<td>31,067</td>
<td>(2)</td>
</tr>
<tr>
<td>Return of endowed gift (note 7)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Change in net assets related to collection items not capitalized:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Proceeds from sale</td>
<td>1,000</td>
<td>1,000</td>
<td></td>
<td>(737)</td>
</tr>
<tr>
<td>Collection items purchased</td>
<td>(6,794)</td>
<td>(1,742)</td>
<td>(8,536)</td>
<td></td>
</tr>
<tr>
<td>Increase in net assets</td>
<td>69,713</td>
<td>28,053</td>
<td>97,766</td>
<td>539</td>
</tr>
<tr>
<td>Net assets, beginning of the year</td>
<td>451,281</td>
<td>426,271</td>
<td>877,552</td>
<td>202,224</td>
</tr>
<tr>
<td>Net assets, end of the year</td>
<td>520,994</td>
<td>454,324</td>
<td>975,318</td>
<td>293,683</td>
</tr>
</tbody>
</table>

See accompanying notes to the financial statements.
### SMITHSONIAN INSTITUTION
#### Statements of Cash Flows

Year ended September 30, 1999

($000)

<table>
<thead>
<tr>
<th></th>
<th>Trust Funds</th>
<th>Federal Funds</th>
<th>Total Funds</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cash flows from operating activities:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Increase in net assets</td>
<td>161,711</td>
<td>28,053</td>
<td>189,764</td>
</tr>
<tr>
<td>Adjustments to reconcile increase in net assets to net cash provided by operating activities:</td>
<td>(1,000)</td>
<td>(1,000)</td>
<td>(737)</td>
</tr>
<tr>
<td>Proceeds from sales of collections</td>
<td>6,794</td>
<td>1,742</td>
<td>8,536</td>
</tr>
<tr>
<td>Collection items purchased</td>
<td>8,190</td>
<td>39,829</td>
<td>48,019</td>
</tr>
<tr>
<td>Depreciation</td>
<td>313</td>
<td>301</td>
<td>436</td>
</tr>
<tr>
<td>Loss on disposition of assets</td>
<td>(2,592)</td>
<td>(2,592)</td>
<td>(4,822)</td>
</tr>
<tr>
<td>Contributions for increases in endowment</td>
<td>(64,609)</td>
<td>(64,609)</td>
<td>(3,815)</td>
</tr>
<tr>
<td>Appropriations for repair, restoration and construction</td>
<td>—</td>
<td>(60,400)</td>
<td>(68,850)</td>
</tr>
<tr>
<td>Investment income restricted for long-term investment</td>
<td>(506)</td>
<td>(506)</td>
<td>(462)</td>
</tr>
<tr>
<td>Provision for doubtful accounts</td>
<td>737</td>
<td>—</td>
<td>737</td>
</tr>
<tr>
<td>Net realized and unrealized loss (gain) on investments</td>
<td>(102,332)</td>
<td>—</td>
<td>(26,050)</td>
</tr>
<tr>
<td>Decrease (increase) in assets:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Receivables and advances</td>
<td>(71,275)</td>
<td>(4,073)</td>
<td>(75,348)</td>
</tr>
<tr>
<td>Prepaid and deferred expenses, and other</td>
<td>(2,021)</td>
<td>(2,021)</td>
<td>1,293</td>
</tr>
<tr>
<td>Inventory</td>
<td>5,706</td>
<td>74</td>
<td>5,780</td>
</tr>
<tr>
<td>Increase (decrease) in liabilities:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accounts payable and accrued expenses</td>
<td>3,003</td>
<td>1,946</td>
<td>4,949</td>
</tr>
<tr>
<td>Deferred revenue</td>
<td>431</td>
<td>—</td>
<td>431</td>
</tr>
<tr>
<td>Deposits held for others</td>
<td>(1,731)</td>
<td>(1,731)</td>
<td>931</td>
</tr>
<tr>
<td>Unexpended federal appropriations</td>
<td>—</td>
<td>9,052</td>
<td>9,052</td>
</tr>
<tr>
<td>Net cash provided by (used in) operating activities</td>
<td>(59,359)</td>
<td>16,524</td>
<td>(42,835)</td>
</tr>
</tbody>
</table>

| Cash flows from investing activities: |            |               |             |
| Proceeds from sales of collections | 1,000       | —             | 1,000       |
| Collection items purchased | (6,794)     | (1,742)       | (8,536)     |
| Purchase of property and equipment | (19,852)    | (69,005)      | (88,857)    |
| Purchases of investment securities | (946,739)   | (946,739)     | (712,267)   |
| Proceeds from the sales of investment securities | 958,163     | —             | 958,163     |
| Net cash used in investing activities | (14,222)    | (70,747)      | (84,969)    |

| Cash flows from financing activities: |            |               |             |
| Contributions for increases in endowment | 6,803       | —             | 6,803       |
| Contributions for construction of property | 64,609      | —             | 64,609      |
| Appropriations for repair, restoration and construction | —          | 60,400        | 60,400      |
| Investment income restricted for long-term purposes | 506         | —             | 506         |
| Proceeds from issuance of debt | —           | —             | —           |
| Repayments of debt | 9           | —             | 9           |
| Net cash provided by financing activities | 71,927      | 60,400        | 132,327     |

| Net increase (decrease) in cash and balances with the U.S. Treasury | (1,654) | 6,177 | 4,523 | 8,781 |

| Cash and balances with the U.S. Treasury: |            |               |             |
| Beginning of the year | 5,193       | 200,636       | 205,829     |
| End of the year | 3,539       | 206,813       | 210,352     |
| Cash paid for interest during fiscal years 1999 and 1998 was approximately $2,000,000 and $1,332,000, respectively. |

See accompanying notes to the financial statements.
SMITHSONIAN INSTITUTION
Notes to the Financial Statement
September 30, 1999

(1) Organization
The Smithsonian Institution (Smithsonian) was created by act of Congress in 1846 in accordance with the terms of
the will of James Smithson of England, who, in 1826,
bequeathed his property to the United States of America
"to found at Washington, under the name of the Smith-
sonian Institution, an establishment for the increase and
diffusion of knowledge among men." After receiving
the property and accepting the trust, Congress vested responsi-
bility in the Smithsonian Board of Regents (Board) to
administer the trust.

The Smithsonian is a museum, education and research
complex consisting of 16 museums and galleries, the
National Zoological Park, and other research facilities.
Research is carried out in the Smithsonian’s museums and
facilities throughout the world. The Smithsonian’s exten-
sive collections number over 140 million objects. During
fiscal year 1999, over 28 million individuals visited the
Smithsonian museums and other facilities.

The Smithsonian receives its funding from federal
appropriations, private gifts and grants, government grants
and contracts, investment income, and various business
activities. Business activities include Smithsonian maga-
rines and other publications, a mail-order catalogue,
museum shops, and concession income from food services.

A substantial portion of the Smithsonian’s annual oper-
ating budget is funded from annual federal appropriations.
Certain construction projects have been completely funded
from federal appropriations, while others are funded using
amounts raised from private sources, or by a combination of
federal and private funds.

Federal operating and construction funding are both
subject to the annual federal appropriations process, and
therefore the potential exists for reductions in approved
federal funding that would significantly impact the Smith-
sonian’s operations.

These financial statements do not include the accounts
of the National Gallery of Art, the John F. Kennedy Center
for the Performing Arts, or the Woodrow Wilson Interna-
tional Center for Scholars, which were established by Con-
gress within the Smithsonian, but are administered by
independent boards of trustees.

(2) Summary of Significant Accounting Policies
These financial statements present the financial position,
financial activity, and cash flows of the Smithsonian on the
accrual basis of accounting. Funds received from direct fed-
eral appropriations are reported as Federal Funds in the
financial statements. All other funds are reported as Trust
Funds.

(a) Trust Funds
Trust funds revenues arise primarily from contributions,
grants and contracts, net investment income, and business
activities. Trust funds net assets are classified and reported
as follows:

Unrestricted net assets
Net assets that are not subject to any donor-imposed or
other legal stipulations on the use of the funds. Funds
functioning as endowments in this category represent
unrestricted assets which have been designated by manage-
ment or the Board for long-term investment.

Temporarily restricted net assets
Net assets subject to donor-imposed stipulations on the use
of the assets that may be met by actions of the Smith-
sonian and/or the passage of time. Funds functioning as
endowments in this category represent donor-restricted
contributions that have been designated by management
or the Board for long-term investment. Donor contribu-
tions represent unspent gifts and promises-to-give of cash
and securities subject to donor-imposed restrictions which
have not yet been met.

Permanently restricted net assets
Net assets subject to donor-imposed stipulations that the
principal be maintained permanently by the Smithsonian.
Generally, the donors of these assets permit the Smithsonian
to use all or part of the income earned on investment of the
assets for either general or donor-specified purposes.

(b) Federal Funds
The Smithsonian receives federal appropriations to support
the Smithsonian’s operating salaries and expenses, repair
and restoration of facilities, and construction. Federal
appropriation revenue is classified as unrestricted and rec-
ognized as an exchange transaction as expenditures are
incurred. The liability reported as unexpended appropri-
adions represents amounts received either (1) which have
not yet been obligated, or (2) for which goods or services
have been ordered but not yet received.

The Smithsonian was appropriated $351,344 for opera-
tions and $60,400 for construction or repair and restora-
tion in fiscal year 1999. Federal appropriations for opera-
tions are generally available for obligation only in the year
received. In accordance with Public Law 101-510, these
annual appropriations are maintained by the Smithsonian
for five years following the year of appropriation, after
which the appropriation account is closed and any unex-
spended balances are returned to the U.S. Treasury. During
fiscal year 1999, the Smithsonian returned $1,644 to the
U.S. Treasury which represents the unexpended balance for
fiscal year 1994.

Federal appropriations for construction or repair and
restoration of facilities and construction are generally avail-
able for obligation until expended.

(c) Use of Estimates
The preparation of financial statements in conformity with
generally accepted accounting principles requires manage-
ment to make estimates and assumptions that affect the
reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates, however, management does not believe that actual results will be materially different from those estimates.

(d) Fair Value of Financial Instruments
The carrying value of bond obligations in the financial statements exceeds the fair market value by approximately $3,756 at September 30, 1999.

The carrying value of all other financial instruments in the financial statements approximates fair market value.

(e) Cash and Balances with U.S. Treasury
Amounts represent cash deposited with financial institutions, balances held by the U.S. Treasury that are available for disbursement, and a repurchase agreement totaling $3,272 at September 30, 1999.

(f) Investments
The Smithsonian’s marketable equity and debt securities are reported at fair value based on quoted market prices. Changes in fair value are recognized in the statement of financial activity. Purchases and sales of investments are recorded on the trade date. Investment income is recorded when earned. As mandated by Congress, the Smithsonian maintains two Treasury investments totaling $1,000 relating in part to the original James Smithson gift.

The Smithsonian uses the “total return” approach to investment management of pooled true endowment funds and quasi-endowment funds, referred to collectively as the endowment. Each year, the endowment pays out an amount for current expenditures based upon a number of factors evaluated and approved by the Board of Regents. Based on approved Board policy, if the market value of any endowment fund is less than 110 percent of the historical value, the current payout is limited to the actual interest and dividends allocable to that fund.

The difference between the total return (i.e., dividends, interest and net gain or loss), and the payout is reinvested when there is an excess of total return over payout, or withdrawn from previously accumulated returns when there is a deficiency of total return to payout. The difference is reported as non-operating income or loss in the statement of financial activity.

(g) Contributions Receivable
All contributions receivable are reported net of estimated uncollectible amounts. Contributions expected to be collected beyond one year are also discounted to present value based on current U.S. Treasury rates. Conditional contributions receivable are not recorded until material conditions have been met.

(h) Inventories
Inventories are reported at the lower of cost or market, and consist primarily of merchandise inventory, books, recordings, and office supplies. Cost is determined using the first-in, first-out method.

(i) Deferred Revenue and Expense
Revenue from subscriptions to Smithsonian magazine and Air & Space/Smithsonian magazine is recognized over the period of the subscription, generally one year. Promotion production expenses are recognized when related advertising materials are released. Direct-response advertising relating to the magazines is deferred and amortized over one year. At September 30, 1999, prepaid and deferred expenses include $6.926 in deferred promotion costs, mostly related to the Smithsonian magazine. Promotion expense totaled $15.967 in fiscal year 1999 and is reported within Business Activities on the statement of financial activity.

(j) Split Interest Agreements and Perpetual Trusts
Split interest agreements with donors consist primarily of irrevocable charitable remainder trusts and charitable gift annuities. For the charitable remainder trusts, contribution revenue and assets are recognized at fair value on the date the trusts are established. Assets are adjusted during the term of the trusts for changes in the value of the assets, accretion of discounts, and other changes in the estimated future benefits. For the charitable gift annuities, assets are recognized at fair value on the date the annuity agreements are established. An annuity liability is recognized at the present value of future cash flows expected to be paid to the donor and contribution revenue is recognized as the difference between the assets and liability. Liabilities are adjusted during the term of the annuities for payments to donors, accretion of discounts and changes in the life expectancy of the donor.

The Smithsonian is also the beneficiary of certain perpetual trusts held and administered by others. The present values of the estimated future cash receipts from the trusts are recognized as assets and contribution revenue at the dates the trusts are established. Distributions from the trusts are recorded as contributions and the carrying value of the assets is adjusted for changes in the estimates of future receipts.

(k) Property and Equipment
Property and equipment purchased with federal or trust funds are capitalized at cost. Property and equipment acquired through transfer from government agencies are capitalized at net book value or fair value, whichever is more readily determinable. Property and equipment acquired through donation are capitalized at appraised value at the
The acquisition of assets and the recognition of revenue in the Smithsonian's annual report is described in detail. The acquisitions primarily come from the Smithsonian's private and public collections. The Smithsonian's land acquisitions are important as they contribute to the museum's mission. The Smithsonian's acquisition policy is to acquire the property, then capitalize its collection, and to acquire at fair market value. Donations, gifts, and grants of long-lived assets are recorded as unrestricted revenue in the period received. Contributions of cash and other assets are recorded as temporarily restricted revenue in the period received. The donor's restrictions expire when the net assets are released from restriction. The Smithsonian's annual leave policy applies to all employees, but the value of contributions to the Smithsonian's financial statement is not recognized.

(n) Government Grants and Contracts
The Smithsonian receives grants and enters into contracts with the U.S. government and state and local governments, which primarily provide for cost reimbursement to the Smithsonian. Revenue from governmental grants and contracts is classified as unrestricted and is recognized as reimbursable expenditures are incurred.

(o) Contributions
The Smithsonian recognizes revenue from all contributions as revenue in the period unconditional promises are received.

Unrestricted contributions with payments due in future periods are initially recorded as temporarily restricted support, and are reclassified to unrestricted net assets when payments become due.

When donor restrictions are met on temporarily restricted contributions, the related net assets are reclassified as released from restrictions in the accompanying statement of financial activity.

Gifts of long-lived assets are recorded as unrestricted revenue in the period received. Contributions of cash and other assets restricted to the acquisition of long-lived assets are recorded as temporarily restricted revenue in the period received. The donor's restrictions expire when the net assets are released from restriction when the long-lived asset is placed in service by the Smithsonian.

In-kind contributions of goods and services totaling $7,115 were received in fiscal year 1999 and recorded as program support in the accompanying statement of financial activity. The nature of the in-kind contributions includes donated space and interactive multimedia software programs.

A substantial number of volunteers also make significant contributions of time to the Smithsonian, enhancing its activities and programs. In fiscal year 1999, more than 5,400 volunteers contributed approximately 476,000 hours of service to the Smithsonian. The value of these contributions is not recognized in the financial statements.

(p) Advancement
The Smithsonian raises private financial support from individual donors, corporations and foundations to fund programs and other initiatives. Funds are also generated through numerous membership programs. Fund-raising costs are expensed as incurred and reported as advancement expense in the statement of financial activity. Membership program costs are amortized over membership terms, typically one year, and are also reported as Advancement expenses.

(q) Comparative Financial Statements
The statement of financial activity includes certain prior-year summarized comparative information in total but not by net asset class. Such information does not include sufficient detail to constitute a presentation in conformity with generally accepted accounting principles. Accordingly, such information should be read in conjunction with the Smithsonian's financial statements for the year ended September 30, 1998, from which the summarized information was derived.
(r) Reclassifications
Certain amounts have been reclassified in prior year to conform with the current year presentation.

(3) Receivables and Advances
Receivables and advances consisted of the following at September 30, 1999:

<table>
<thead>
<tr>
<th></th>
<th>Trust</th>
<th>Federal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trade receivables,</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>net of $1,618</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>in allowances</td>
<td>18,252</td>
<td>—</td>
<td>18,252</td>
</tr>
<tr>
<td>Contributions receivable, net (note 3a)</td>
<td>101,799</td>
<td>—</td>
<td>101,799</td>
</tr>
<tr>
<td>Grants and contracts</td>
<td>10,048</td>
<td>—</td>
<td>10,048</td>
</tr>
<tr>
<td>Accrued interest and dividends</td>
<td>805</td>
<td>—</td>
<td>805</td>
</tr>
<tr>
<td>Advance payments (note 3b)</td>
<td>1,048</td>
<td>20,139</td>
<td>21,187</td>
</tr>
<tr>
<td>Charitable trust</td>
<td>2,590</td>
<td>—</td>
<td>2,590</td>
</tr>
<tr>
<td>Total receivables and advances</td>
<td>114,542</td>
<td>20,139</td>
<td>134,681</td>
</tr>
</tbody>
</table>

(a) Contributions Receivable
Contributions receivable (pledges) are recorded as revenue when unconditional promises are received. Pledges for which payment is not due within one year are discounted based on rates earned by U.S. Treasury obligations with corresponding maturities. As of September 30, 1999, the aggregate discounted contributions receivable was as follows:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Due within:</td>
<td></td>
</tr>
<tr>
<td>Less than 1 year</td>
<td>30,017</td>
</tr>
<tr>
<td>1 to 5 years</td>
<td>83,765</td>
</tr>
<tr>
<td>More than 5 years</td>
<td>4,680</td>
</tr>
<tr>
<td>Total</td>
<td>118,462</td>
</tr>
<tr>
<td>Less:</td>
<td></td>
</tr>
<tr>
<td>Allowance for uncollectible pledges</td>
<td>(3,812)</td>
</tr>
<tr>
<td>Discount to present value (at rates ranging from 4.43% to 6.45%)</td>
<td>(12,851)</td>
</tr>
<tr>
<td>Contributions receivable, net</td>
<td>101,799</td>
</tr>
</tbody>
</table>

At September 30, 1999, the Smithsonian has outstanding conditional contributions totaling $15,500 which will be recognized if and when the specific conditions are met.

(b) Advance Payments
At September 30, 1999, federal advance payments of approximately $20,139 represent prepayments made to government agencies, educational institutions, firms and individuals for services to be rendered, or property or materials to be furnished.

At September 30, 1999, advance payments included amounts paid to the General Services Administration of $10,591 for equipment purchases for the Museum Support Center and other projects to be completed in future years.

(4) Reconciliation of Federal Appropriations
Federal appropriation revenue recognized in fiscal year 1999 can be reconciled to the federal appropriations received in fiscal year 1999 as follows:

<table>
<thead>
<tr>
<th></th>
<th>Salaries and Restoration Expenses</th>
<th>Repair and Construction and Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal appropriation revenue</td>
<td>344,042</td>
<td>58,547</td>
</tr>
<tr>
<td>Unexpended 1999 appropriation</td>
<td>55,107</td>
<td>60,400</td>
</tr>
<tr>
<td>Amounts expended from prior years</td>
<td>(46,268)</td>
<td>(58,547)</td>
</tr>
<tr>
<td>Other funding</td>
<td>(1,537)</td>
<td>—</td>
</tr>
<tr>
<td>Fiscal year 1999 federal appropriations</td>
<td>351,344</td>
<td>60,400</td>
</tr>
</tbody>
</table>

Federal expenses recognized in fiscal year 1999 can be reconciled to the federal appropriations received in fiscal year 1999 as follows:

<table>
<thead>
<tr>
<th></th>
<th>Salaries and Restoration Expenses</th>
<th>Repair and Construction and Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal expenses</td>
<td>341,856</td>
<td>30,938</td>
</tr>
<tr>
<td>Unexpended 1999 appropriation</td>
<td>55,107</td>
<td>60,400</td>
</tr>
<tr>
<td>Depreciation</td>
<td>(8,891)</td>
<td>(30,938)</td>
</tr>
<tr>
<td>Supplies consumption</td>
<td>(74)</td>
<td>—</td>
</tr>
<tr>
<td>Gain/(loss) on disposition of assets</td>
<td>(301)</td>
<td>—</td>
</tr>
<tr>
<td>Unfunded annual leave</td>
<td>(1,748)</td>
<td>—</td>
</tr>
<tr>
<td>Amounts expended from prior years</td>
<td>(46,268)</td>
<td>(58,547)</td>
</tr>
<tr>
<td>Capital expenditures</td>
<td>10,458</td>
<td>58,547</td>
</tr>
<tr>
<td>Collection items purchased</td>
<td>1,742</td>
<td>—</td>
</tr>
<tr>
<td>Other funding</td>
<td>(1,537)</td>
<td>—</td>
</tr>
<tr>
<td>Fiscal year 1999 federal appropriations</td>
<td>351,344</td>
<td>60,400</td>
</tr>
</tbody>
</table>

Federal unrestricted net assets primarily represent the Smithsonian's net investment in property, plant and equipment purchased with or constructed using federal appropriated funds.

Unexpended appropriations for all fiscal years total $191,675 at September 30, 1999, and consist of $80,882 in unexpended operating funds, $66,565 in unexpended repair and restoration funds and $44,228 in unexpended construction funds. Unexpended operating funds include amounts for the Museum Support Center move and the National Museum of the American Indian. Unexpended repair and restoration funds represent amounts available...
for on-going major repair and restoration of the Smithsonian's museums and facilities. Unexpended construction funds represent amounts appropriated but not yet expended for construction of new facilities.

(5) Accessions and Deaccessions

For fiscal year 1999, $6,794 of trust funds and $1,742 of federal funds were spent to acquire collection items. Proceeds from trust fund deaccessions were $1,000. There were no deaccessions of collection items purchased with federal funds in fiscal year 1999. At September 30, 1999, accumulated proceeds and related earnings from deaccessions amounted to $17,270 and are designated within unrestricted net assets for collections acquisition in the trust funds.

Non-cash deaccessions result from the exchange, donation, or destruction of collection items, and occur because objects deteriorate, are beyond the scope of a museum's mission, or are duplicative. During fiscal year 1999, the Smithsonian's non-cash deaccessions included works of art, animals, historical objects, and natural specimens. Contributed items held for sale total $4,060 and are included in prepaid and deferred expense and other assets in the statement of financial position.

(6) Investments

At September 30, 1999, investments consisted of the following:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short-term investments:</td>
<td></td>
</tr>
<tr>
<td>Cash equivalents</td>
<td>20,619</td>
</tr>
<tr>
<td>U.S. Government obligations</td>
<td>32,304</td>
</tr>
<tr>
<td></td>
<td>52,923</td>
</tr>
<tr>
<td>Endowment and similar investments:</td>
<td></td>
</tr>
<tr>
<td>Pooled investments:</td>
<td></td>
</tr>
<tr>
<td>Cash equivalents</td>
<td>5,270</td>
</tr>
<tr>
<td>U.S. Government and quasi-government obligations</td>
<td>44,591</td>
</tr>
<tr>
<td>Corporate bonds and other obligations</td>
<td>163,136</td>
</tr>
<tr>
<td>Common and preferred stocks</td>
<td>469,944</td>
</tr>
<tr>
<td>Total pooled investments</td>
<td>682,941</td>
</tr>
<tr>
<td>Non pooled investments:</td>
<td></td>
</tr>
<tr>
<td>Deposits with U.S. Treasury</td>
<td>1,000</td>
</tr>
<tr>
<td>Total endowment and similar investments</td>
<td>683,941</td>
</tr>
<tr>
<td>Gift annuity program investments:</td>
<td></td>
</tr>
<tr>
<td>Cash equivalents</td>
<td>4</td>
</tr>
<tr>
<td>Corporate bonds and other obligations</td>
<td>491</td>
</tr>
<tr>
<td>Common and preferred stock</td>
<td>1,162</td>
</tr>
<tr>
<td>Total investments</td>
<td>738,521</td>
</tr>
</tbody>
</table>

(7) True Endowment and Funds Functioning as Endowments

Substantially all of the investments of the endowment are pooled on a market value basis, with individual funds subscribing to or disposing of units on the basis of the per unit market value at the beginning of the month in which the transaction takes place. At September 30, 1999, the market value of the pool equated to $721 per unit. The market value of the pool's net assets at September 30, 1999, was $657,310. This represents all pooled investments plus or minus net receivables and payables related to unsettled investment transactions.

Each fund participating in the investment pool receives an annual payout equal to the number of units owned times the annual payout amount per unit. The payout for fiscal year 1999 was $22.80 per unit, or 4.5 percent of the average market value of the endowment over the prior five years.

Net asset balances of the endowment consisted of the following at September 30, 1999:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unrestricted</td>
<td>257,651</td>
</tr>
<tr>
<td>Unrestricted-designated</td>
<td>201,870</td>
</tr>
<tr>
<td>Total unrestricted</td>
<td>459,521</td>
</tr>
<tr>
<td>Temporarily restricted</td>
<td>140,360</td>
</tr>
<tr>
<td>Permanently restricted</td>
<td>63,248</td>
</tr>
<tr>
<td>Total endowment net assets</td>
<td>663,129</td>
</tr>
</tbody>
</table>

During 1999, the Smithsonian agreed to transfer the Seward Johnson Trust Fund for Oceanography (the Johnson Fund) to Harbor Branch Oceanographic Institution, Inc. (Harbor Branch), a private operating foundation. The Johnson Fund was originally received by the Smithsonian in 1969 as a permanently restricted gift of $3,400, restricted to the development and operation of the Johnson-Sea-Link Research submarine and oceanographic research.

At the date of transfer, in February 1999, the original gift corpus and accumulated interest totaled $44,800. The contribution is reported in the statement of financial activity as a non-operating reduction of both temporarily restricted and permanently restricted net assets, in the amounts of $41,400 and $3,400, respectively.

In exchange for being appointed trustee of the Johnson Fund, Harbor Branch agreed to donate 30 percent of the value of the Johnson Fund at the date of transfer to the Smithsonian from Harbor Branch's own funds. The contribution of $13,400 is reported in the statement of financial activity as a program support contribution, increasing temporarily restricted net assets. The net affect of these related transactions is a $31,400 reduction in net assets.
(8) Composition of Total Return from Investments
Total return from investments consisted of the following for the year ended September 30, 1999:

<table>
<thead>
<tr>
<th>Composition of Endowment Return:</th>
<th>Trust</th>
<th>Federal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Endowment payout</td>
<td>21,022</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Investment income in excess of payout</td>
<td></td>
<td>107</td>
<td></td>
</tr>
<tr>
<td>Total investment income</td>
<td>21,129</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Less—investment fees</td>
<td></td>
<td>(1,479)</td>
<td></td>
</tr>
<tr>
<td>Net investment income</td>
<td>19,650</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net realized and unrealized gain on investments</td>
<td>101,800</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Endowment total return</td>
<td>121,450</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Endowment total return is reported as $21,022 in operating revenue representing the annual payout, and the excess of $100,428 as non-operating endowment income in the statement of financial activity.

<table>
<thead>
<tr>
<th>Composition of Short-Term Investment Total Return:</th>
<th>Trust</th>
<th>Federal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest and dividends</td>
<td>2,419</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Net gain on investments</td>
<td>532</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Short-term investment total return</td>
<td>2,951</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(9) Property and Equipment
Property and equipment consisted of the following at September 30, 1999:

<table>
<thead>
<tr>
<th>Property and Equipment</th>
<th>Trust</th>
<th>Federal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Land</td>
<td>2,500</td>
<td></td>
<td>2,500</td>
</tr>
<tr>
<td>Buildings and capital improvements</td>
<td>173,416</td>
<td>880,153</td>
<td>1,053,569</td>
</tr>
<tr>
<td>Equipment</td>
<td>40,398</td>
<td>54,263</td>
<td>84,661</td>
</tr>
<tr>
<td>Leasehold improvements</td>
<td>2,623</td>
<td></td>
<td>2,623</td>
</tr>
<tr>
<td>Total</td>
<td>208,937</td>
<td>934,416</td>
<td>1,143,353</td>
</tr>
<tr>
<td>Accumulated depreciation</td>
<td>(77,071)</td>
<td>(465,438)</td>
<td>(542,509)</td>
</tr>
<tr>
<td>Total property and equipment</td>
<td>131,866</td>
<td>468,978</td>
<td>600,844</td>
</tr>
</tbody>
</table>

At September 30, 1999, buildings and capital improvements included $15,197 and $155,016 of construction in progress within Trust and Federal funds, respectively. Depreciation expense for fiscal year 1999 totaled $8,190 in the trust funds and $39,829 in the federal funds.

(10) Accounts Payable and Accrued Expenses
Accounts payable and accrued expenses consisted of the following at September 30, 1999:

<table>
<thead>
<tr>
<th>Accounts Payable and Accrued Expenses</th>
<th>Trust</th>
<th>Federal</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounts payable</td>
<td>16,941</td>
<td>16,408</td>
<td>33,349</td>
</tr>
<tr>
<td>Accrued salaries and benefits</td>
<td>23,836</td>
<td>28,913</td>
<td>52,749</td>
</tr>
<tr>
<td>Other accrued liabilities</td>
<td>3,000</td>
<td>5,457</td>
<td>8,457</td>
</tr>
<tr>
<td>Total accounts payable and accrued expenses</td>
<td>43,777</td>
<td>50,778</td>
<td>94,555</td>
</tr>
</tbody>
</table>

(11) Long-term Debt
In January 1998, the District of Columbia issued $41,300 of tax-exempt revenue bonds on behalf of the Smithsonian. The Smithsonian is obligated under these bonds as follows:

Series 1997 Revenue Bonds, Serial, with interest rates ranging from 4.10% to 4.75%, maturing at various dates from February 1, 2002 through 2012: 10,950

Series 1997 Revenue Bonds Term:
Interest rate 5.00% due February 1, 2017 7,105
Interest rate 4.75% due February 1, 2018 1,640
Interest rate 5.00% due February 1, 2028 21,625

Total bonds at face value 41,320
Less—unamortized bond discount (785)
Total bonds payable 40,535
Interest free note, Virginia Department of Aviation 1,000
Total long-term debt 41,535

The serial and term bonds represent an unsecured general obligation of the Smithsonian. Proceeds from the sale of the bonds will finance certain renovations of and improvements to the National Museum of Natural History, fund capitalized interest, and pay certain costs of issuing the bonds. Interest on the bonds is payable semi-annually on August 1 and February 1, beginning on August 1, 1998. Principal and interest payments will be funded solely through unrestricted Trust funds.

The term bonds maturing on February 1, 2017 and 2028 are subject to mandatory redemption by operations of sinking fund installments. Installment payments for the term bond maturing February 1, 2017, begin on February 1, 2013 and range from $1,285 to $1,565 per year through the maturity date. Installment payments for the term bond maturing February 1, 2028 begin on February 1, 2019 and range from $1,720 to $2,665 per year through the maturity date.

Interest expense on bonds payable for fiscal year 1999 totaled $1,334 net of capitalized interest of approximately $666.

At September 30, 1999, the Smithsonian also had an interest-free loan from the Virginia Department of Aviation totaling $1,000. The Virginia Department of Aviation agreed, in fiscal year 1995, to make available to the Smithsonian an interest-free loan facility totaling $3,000, of which $500 was drawn in fiscal years 1996 and 1997. This loan facility is intended to assist in the financing of the planning, marketing, fund-raising, and design of the proposed National Air and Space Museum extension at Washington Dulles International Airport. The Smithsonian is scheduled to repay the outstanding loan not later than June 30, 2001.
(12) Affiliate Relationships
The Smithsonian provides certain fiscal, procurement, facilities and administrative services to several separately incorporated affiliated organizations, not consolidated in these financial statements, for which certain officials of the Smithsonian serve on the governing boards. The amounts paid to the Smithsonian by these organizations for the above services totaled $164 of trust funds and $147 of federal funds for fiscal year 1999.

Deposits held in custody for these organizations at September 30, 1999, were $3.133 and were recorded in the trust funds.

The Friends of the National Zoo (FONZ), an independent 501(c)(3) organization, raises funds for the benefit of the Smithsonian's National Zoological Park. Funds received by the Smithsonian from FONZ are recorded as unrestricted revenue and totaled $583 in fiscal year 1999.

(13) Employee Benefit Plans
The federal employees of the Smithsonian are covered by either the Civil Service Retirement System (CSRS) or the Federal Employee Retirement System (FERS). The terms of these plans are defined in federal regulations. Under both systems, the Smithsonian withholds from each federal employee's salary the required salary percentage. The Smithsonian also contributes specified percentages. The Smithsonian’s expense for these plans for fiscal year 1999 was $16,912.

The Smithsonian has a separate defined contribution retirement plan for trust fund employees, in which substantially all such employees are eligible to participate. Under the plan, the Smithsonian contributes stipulated percentages of salary which are used to purchase individual annuities, the rights to which are immediately vested with the employees. Employees can make voluntary contributions, subject to certain limitations. The Smithsonian’s cost of the plan for fiscal year 1999 was $10,437.

In addition to the Smithsonian’s retirement plans, the Smithsonian makes available certain health care and life insurance benefits to active and retired trust fund employees. The plan is contributory for retirees and requires payment of premiums and deductibles. Retiree contributions for premiums are established by an insurance carrier based on the average per capita cost of benefit coverage for all participants, active and retired, in the Smithsonian’s plan. The following information summarizes the activity of postretirement benefit plans as of and for the year ended September 30, 1999:

<table>
<thead>
<tr>
<th>Change in benefit obligation:</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Benefit obligation at September 30, 1998</td>
<td>10,498</td>
<td></td>
</tr>
<tr>
<td>Service cost</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Interest cost</td>
<td>351</td>
<td></td>
</tr>
<tr>
<td>Actuarial gain</td>
<td>(6,181)</td>
<td></td>
</tr>
<tr>
<td>Benefits paid</td>
<td>(118)</td>
<td></td>
</tr>
<tr>
<td>Benefit obligation, September 30, 1999</td>
<td>4,850</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Change in plan assets:</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fair value of plan assets, September 30, 1998</td>
<td>234</td>
<td></td>
</tr>
<tr>
<td>Actual return on plan assets</td>
<td>19</td>
<td></td>
</tr>
<tr>
<td>Employer contributions</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>Refund of life insurance reserve</td>
<td>(253)</td>
<td></td>
</tr>
<tr>
<td>Benefits paid</td>
<td>(118)</td>
<td></td>
</tr>
<tr>
<td>Fair value of plan assets, September 30, 1999</td>
<td>—</td>
<td></td>
</tr>
</tbody>
</table>

| Projected benefit obligation in excess of plan assets | 4,850 | |
| Unrecognized transition obligation | 4,564 | |
| Unrecognized net actuarial gain | (6,508) | |
| Accrued postretirement benefit obligation | (6,794) | |

<table>
<thead>
<tr>
<th>Components of net periodic benefit cost:</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Service cost</td>
<td>300</td>
<td></td>
</tr>
<tr>
<td>Interest cost</td>
<td>351</td>
<td></td>
</tr>
<tr>
<td>Expected return on plan assets</td>
<td>(19)</td>
<td></td>
</tr>
<tr>
<td>Amortization of transition obligation</td>
<td>326</td>
<td></td>
</tr>
<tr>
<td>Amortization of unrecognized gain</td>
<td>(633)</td>
<td></td>
</tr>
<tr>
<td>Net periodic postretirement benefit cost</td>
<td>325</td>
<td></td>
</tr>
</tbody>
</table>

Weighted-average assumptions as of September 30:
- Discount rate: 8.25%
- Expected return on plan assets: 8.25%
- Rate of compensation increase: 3.50%

For measurement purposes, the September 30, 1999 postretirement benefit obligation was determined using a 6.5 percent annual rate of increase in the per capita cost of covered health care benefits as assumed for fiscal year 2000. The rate was assumed to decrease gradually to 4.5 percent for fiscal year 2004 and remain at that level thereafter. The effect of a one percent change in the assumed health care cost trend rate at September 30, 1999 would have resulted in an approximate $522 increase or $409 decrease in the postretirement benefit obligation and an approximate $93 increase or $71 decrease in the 1999 postretirement benefit cost.

(14) Income Taxes
The Smithsonian is recognized as exempt from income taxation under the provisions of Section 501(c)(3) of the Internal Revenue Code (the Code). Organizations described in that section are taxable only on their unrelated business income. Periodical advertising sales is the main source of unrelated business income. An IRS determination letter has been received supporting the Smithsonian’s tax-exempt
(12) Affiliate Relationships

The Smithsonian provides certain fiscal, procurement, facilities and administrative services to several separately incorporated affiliated organizations, not consolidated in these financial statements, for which certain officials of the Smithsonian serve on the governing boards. The amounts paid to the Smithsonian by these organizations for the above services totaled $164 of trust funds and $147 of federal funds for fiscal year 1999.

Deposits held in custody for these organizations at September 30, 1999, were $3,133 and were recorded in the trust funds.

The Friends of the National Zoo (FONZ), an independent 501(c)(3) organization, raises funds for the benefit of the Smithsonian’s National Zoological Park. Funds received by the Smithsonian from FONZ are recorded as unrestricted revenue and totaled $583 in fiscal year 1999.

(13) Employee Benefit Plans

The federal employees of the Smithsonian are covered by either the Civil Service Retirement System (CSRS) or the Federal Employee Retirement System (FERS). The terms of these plans are defined in federal regulations. Under both systems, the Smithsonian withholds from each federal employee’s salary the required salary percentage. The Smithsonian also contributes specified percentages. The Smithsonian’s expense for these plans for fiscal year 1999 was $16,912.

The Smithsonian has a separate defined contribution retirement plan for trust fund employees, in which substantially all such employees are eligible to participate. Under the plan, the Smithsonian contributes stipulated percentages of salary which are used to purchase individual annuities, the rights to which are immediately vested with the employees. Employees can make voluntary contributions, subject to certain limitations. The Smithsonian’s cost of the plan for fiscal year 1999 was $10,437.

In addition to the Smithsonian’s retirement plans, the Smithsonian makes available certain health care and life insurance benefits to active and retired trust fund employees. The plan is contributory for retirees and requires payment of premiums and deductibles. Retiree contributions for premiums are established by an insurance carrier based on the average per capita cost of benefit coverage for all participants, active and retired, in the Smithsonian’s plan. The following information summarizes the activity of postretirement benefit plans as of and for the year ended September 30, 1999:

Change in benefit obligation:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Benefit obligation at September 30, 1998</td>
<td>10,498</td>
</tr>
<tr>
<td>Service cost</td>
<td>300</td>
</tr>
<tr>
<td>Interest cost</td>
<td>351</td>
</tr>
<tr>
<td>Actuarial gain</td>
<td>(6,181)</td>
</tr>
<tr>
<td>Benefits paid</td>
<td>(118)</td>
</tr>
<tr>
<td>Benefit obligation, September 30, 1999</td>
<td>4,850</td>
</tr>
</tbody>
</table>

Change in plan assets:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fair value of plan assets, September 30, 1998</td>
<td>234</td>
</tr>
<tr>
<td>Actual return on plan assets</td>
<td>19</td>
</tr>
<tr>
<td>Employer contributions</td>
<td>118</td>
</tr>
<tr>
<td>Refund of life insurance reserve</td>
<td>(253)</td>
</tr>
<tr>
<td>Benefits paid</td>
<td>(118)</td>
</tr>
<tr>
<td>Fair value of plan assets, September 30, 1999</td>
<td></td>
</tr>
</tbody>
</table>

Projected benefit obligation in excess of plan assets (4,850)

Unrecognized transition obligation 4,564

Unrecognized net actuarial gain (6,508)

Accrued postretirement benefit obligation (6,794)

Components of net periodic benefit cost:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Service cost</td>
<td>300</td>
</tr>
<tr>
<td>Interest cost</td>
<td>351</td>
</tr>
<tr>
<td>Expected return on plan assets</td>
<td>(19)</td>
</tr>
<tr>
<td>Amortization of transition obligation</td>
<td>326</td>
</tr>
<tr>
<td>Amortization of unrecognized gain</td>
<td>(633)</td>
</tr>
<tr>
<td>Net periodic postretirement benefit cost</td>
<td>325</td>
</tr>
</tbody>
</table>

Weighted-average assumptions as of September 30:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Discount rate</td>
<td>8.25%</td>
</tr>
<tr>
<td>Expected return on plan assets</td>
<td>8.25%</td>
</tr>
<tr>
<td>Rate of compensation increase</td>
<td>3.50%</td>
</tr>
</tbody>
</table>

For measurement purposes, the September 30, 1999 postretirement benefit obligation was determined using a 6.5 percent annual rate of increase in the per capita cost of covered health care benefits was assumed for fiscal year 2000. The rate was assumed to decrease gradually to 4.5 percent for fiscal year 2004 and remain at that level thereafter. The effect of a one percent change in the assumed health care cost trend rate at September 30, 1999 would have resulted in an approximate $522 increase or $409 decrease in the postretirement benefit obligation and an approximate $93 increase or $71 decrease in the 1999 postretirement benefit cost.

(14) Income Taxes

The Smithsonian is recognized as exempt from income taxation under the provisions of Section 501(c)(3) of the Internal Revenue Code (the Code). Organizations described in that section are taxable only on their unrelated business income. Periodical advertising sales is the main source of unrelated business income. An IRS determination letter has been received supporting the Smithsonian’s tax-exempt
status. No provision for income taxes was required for fiscal year 1999.

It is the opinion of the Smithsonian's management that the Smithsonian is also exempt from taxation as an instrumentality of the United States as defined in Section 501(c)(3) of the Code. Organizations described in that section are exempt from all income taxation. The Smithsonian has not yet formally sought such dual status.

(15) Business Activities
A summary of business activities reported in the statement of activities for the year ended September 30, 1999 follows:

<table>
<thead>
<tr>
<th></th>
<th>Revenue</th>
<th>Expenses</th>
<th>Net</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magazines</td>
<td>72,556</td>
<td>57,942</td>
<td>14,614</td>
</tr>
<tr>
<td>The Smithsonian Associates</td>
<td>32,438</td>
<td>33,533</td>
<td>(1,095)</td>
</tr>
<tr>
<td>Museum shops and mail order</td>
<td>71,268</td>
<td>65,332</td>
<td>5,936</td>
</tr>
<tr>
<td>Smithsonian Institution Press</td>
<td>8,930</td>
<td>8,633</td>
<td>297</td>
</tr>
<tr>
<td>Concessions, licensing and other</td>
<td>32,104</td>
<td>26,390</td>
<td>5,714</td>
</tr>
<tr>
<td></td>
<td>217,296</td>
<td>191,830</td>
<td>25,466</td>
</tr>
</tbody>
</table>

(16) Commitments and Contingencies
(a) Leasing Activities
Leases for Smithsonian warehouse and office spaces provide for rent escalations to coincide with increases in property taxes, operating expenses attributable to the leased property and the Consumer Price Index. The Smithsonian has the authority to enter into leases for up to 30 years using federal funds.

The Smithsonian's operating leases for the warehouse and office spaces require future minimum lease payments as follows:

<table>
<thead>
<tr>
<th>Year</th>
<th>Payment</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>13,348</td>
</tr>
<tr>
<td>2001</td>
<td>7,878</td>
</tr>
<tr>
<td>2002</td>
<td>7,748</td>
</tr>
<tr>
<td>2003</td>
<td>6,774</td>
</tr>
<tr>
<td>2004</td>
<td>5,127</td>
</tr>
<tr>
<td>Thereafter</td>
<td>17,287</td>
</tr>
<tr>
<td></td>
<td>58,162</td>
</tr>
</tbody>
</table>

Rental expense for operating leases totaled $16,518 for fiscal year 1999.

(b) Government Grants and Contracts
The Smithsonian receives funding or reimbursement from governmental agencies for various activities which are subject to audit. Audits of these activities have been completed through fiscal year 1998, however, fiscal year 1998 has not been closed with the cognizant federal audit agency. Management believes that any adjustments which may result from this audit and the audit for fiscal year 1999 will have no materially adverse effect on the Smithsonian's financial position.

(c) Litigation
The Smithsonian is a party to various litigation arising out of the normal conduct of its operations. In the opinion of the Smithsonian's General Counsel, the ultimate resolution of these matters will have no materially adverse effect on the Smithsonian's financial position.

(d) National Museum of the American Indian
The Smithsonian broke ground in September 1999 for the construction of the National Museum of the American Indian. Federal appropriations of $73,300 are budgeted for this project. Restricted contributions collected or pledged of $23,800 are included in temporarily restricted net assets. Additional fund-raising will provide the remainder of the funds needed. The museum is projected to open in 2003.

(e) National Air and Space Museum Extension
The Smithsonian is planning to build a major extension of the National Air and Space Museum at Dulles International Airport in Northern Virginia. A long-term lease has been signed for a 176.5 acre site with the Washington Area Airport Authority. Subject to Smithsonian Board of Regents' approval, access and infrastructure work will begin in Spring 2000.

The project is expected to be financed through a combination of donations, net revenues from business activities of the facility, and external borrowing. Donations and business activities revenues are projected to fully service any debt. Restricted contributions collected or pledged of $80,000 are included in temporarily restricted net assets. The Commonwealth of Virginia is committed to expend an estimated $34,000 on access and infrastructure improvements on the site.

(f) Victor Building
The Smithsonian entered into an agreement on June 24, 1999 to purchase a building known as the Victor Building, a 430,000 square foot commercial office structure in Northwest Washington, DC. The core and shell of the building has since been renovated, and the transaction for its purchase for approximately $86,000 is expected to close in March 2000.

The building will be used to house museum support staff and central administrative staff currently in leased space. The total cost of the project (including the build out of the interior space) is estimated at $106,000. The project will be funded through external borrowing which will be primarily serviced by fundraising and savings on currently budgeted lease costs.

(g) Year 2000
The Smithsonian has addressed anticipated operational issues resulting from the year 2000. Management has finalized contingency plans and is prepared to address any matters that may arise that could create potential for business interruption.
Smithsonian Institution

National Collections Program
William G. Tompkins, National Collections Coordinator
Lauri A. Swann, Assistant National Collections Coordinator

For additional copies contact:
National Collections Program
PO Box 37012
Arts and Industries Building, Room 3101
MRC 404, Smithsonian Institution
Washington, DC 20013-7012

Tel. (202) 357-3125
Fax (202) 633-9214
Email tompkinsw@si.edu