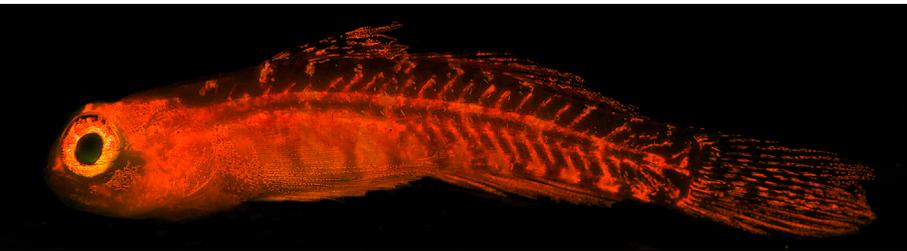
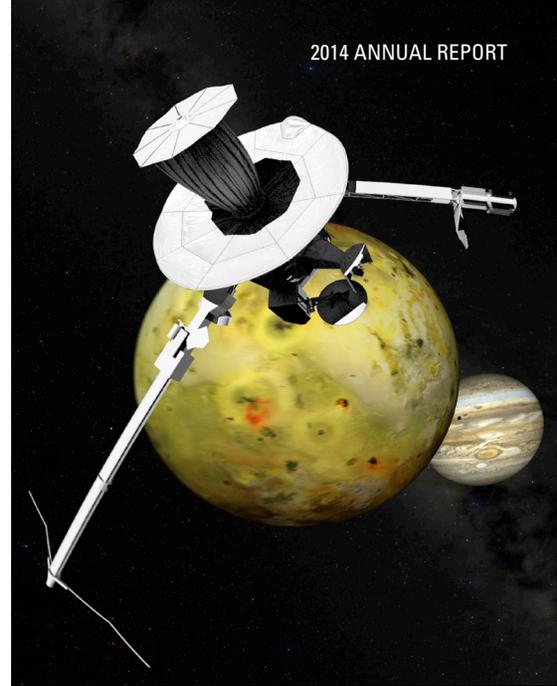




AMERICAN MUSEUM OF NATURAL HISTORY

Annual Report 2014 | *July 1, 2013–June 30, 2014*





Clockwise from top left: The Experience Korea program invited families to explore Korean culture. Museum researchers helped trace the birthplaces and movements of sea turtles. The new Space Show *Dark Universe* featured visualizations from NASA's mission to Jupiter. The first class from the Museum's MAT program graduated. A biofluorescent goby was among many species photographed during the Explore21 Expedition to the Solomon Islands.

TABLE OF CONTENTS

Report of the Chairman and President	3	EDUCATION	22	Supporter Spotlight	36
SCIENCE	5	Program Highlights	23	Report of the Treasurer	38
In The Field	6	Urban Advantage Marks 10-Year Anniversary	25	Financial Statements	41
Collections	7	Dark Universe Premieres	27	Board of Trustees	43
Research Highlights	8	EXHIBITION	29	Committees of the Board of Trustees	44
Explore21 Launches a New Generation of Expeditions	10	Special Exhibitions	30	Project Committees and Advisory Councils	46
Ancient Shark Fossil Shines Light on Modern Jaws	13	Live-Animal and Temporary Exhibitions	31	Gifts and Grants	47
New Order of Marine Animal Discovered	15	The Power of Performance	32	Bequests	58
Curators and Directors	17	Awards	34	Credits	59
Inaugural Commencement	19	Traveling Exhibitions and Productions	35		

CONNECT WITH THE MUSEUM:



For live links to videos and other content in this report, download the full PDF version online at amnh.org/about-us/annual-report.

Cover: Visualization specialists review a *Dark Universe* sequence illustrating dark matter.

Report of the Chairman and President

This was a year of historic milestones, anniversaries, and firsts for the American Museum of Natural History. While the Museum continues to pursue its longstanding mission of scientific research and education, it also is working to find modern ways of fulfilling that mission—often in areas that are new for museums—and applying its resources and expertise to the needs and opportunities of our complex 21st century.

On September 30, 2013, the Museum held its first commencement, conferring Ph.D. degrees on seven extraordinary young scientists from the Richard Gilder Graduate School, and Master of Arts in Teaching degrees on 21 Kathryn W. Davis Teaching Fellows. These are the only museum-based degree-granting programs of their kind in the United States and exemplify the Museum's growing leadership in post-secondary education. Dame Alison Richard, former vice chancellor of Cambridge University, was awarded an honorary degree in a joyous and historic ceremony.

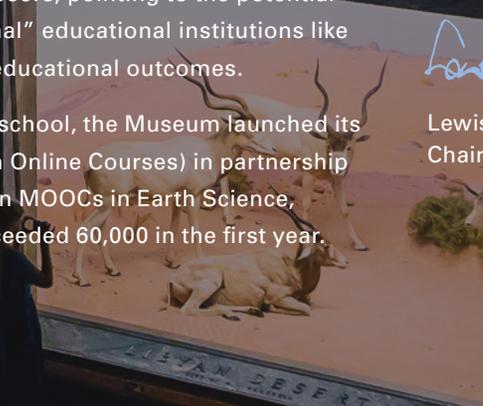


Also that fall, a multidisciplinary team of Museum scientists traveling aboard the high-tech research vessel *Alucia* arrived at the Solomon Islands and embarked on the first expedition of the Museum’s major new research initiative, Explore21. Bringing innovative methodologies, approaches, and technologies to the Museum’s distinguished tradition of fieldwork, Explore21 embraces large-scale, multidisciplinary expeditions to locations of exceptional scientific interest, with an eye to pursuing some of the pressing scientific questions of our time related to the environment, human health, and other key issues, while fueling the Museum’s collecting activities.

Donations also contribute to the growth of the Museum’s collections. This year, the Division of Paleontology received the massive and significant Mapes Collection of Marine Fossils, donated by Ohio University, pushing the Museum’s collection over the 33-million-item mark, and further amplifying the Museum’s standing as the steward of one of the most important and valuable scientific records of life on Earth.

In a year of anniversaries, the Center for Biodiversity and Conservation celebrated its 20th, the Science and Nature Program for early childhood education commemorated its 15th, and Urban Advantage marked its 10th. The latter, a Museum-led collaboration among eight science-based cultural institutions and the New York City Department of Education, served more than 50,000 middle-school students in one-third of all New York City public schools this year. External evaluations show that Urban Advantage students outperform their peers, pointing to the potential impact of so-called “informal” educational institutions like the Museum in improving educational outcomes.

For those long past middle school, the Museum launched its first MOOCs (Massive Open Online Courses) in partnership with Coursera. Enrollment in MOOCs in Earth Science, Evolution, and Genetics exceeded 60,000 in the first year.



Of course, many still come to the Museum in person every year—nearly 5 million in 2014. They come for our 45 permanent galleries and a strong program of special exhibitions, which this year included *The Power of Poison* and *Pterosaurs: Flight in the Age of Dinosaurs*. These exhibitions featured an array of media and exhibitry, from traditional specimens and video to virtual reality and live-theater presentations, which combined to create a highly varied and effective educational experience. The Rose Center for Earth and Space premiered the dazzling new Space Show *Dark Universe*, on the mysterious and up-to-the-minute topic of dark matter, narrated by Neil deGrasse Tyson, Frederick P. Rose Director of the Hayden Planetarium.

These are just a few of the highlights of fiscal year 2014; many more are detailed throughout this report. Taken together, they underscore the Museum’s commitment to its underlying mission as it works to direct its resources and expertise to the vital task of helping to train the next generation of scientists, science teachers, and a scientifically literate populace—at a time when it is more important to our well-being than ever.

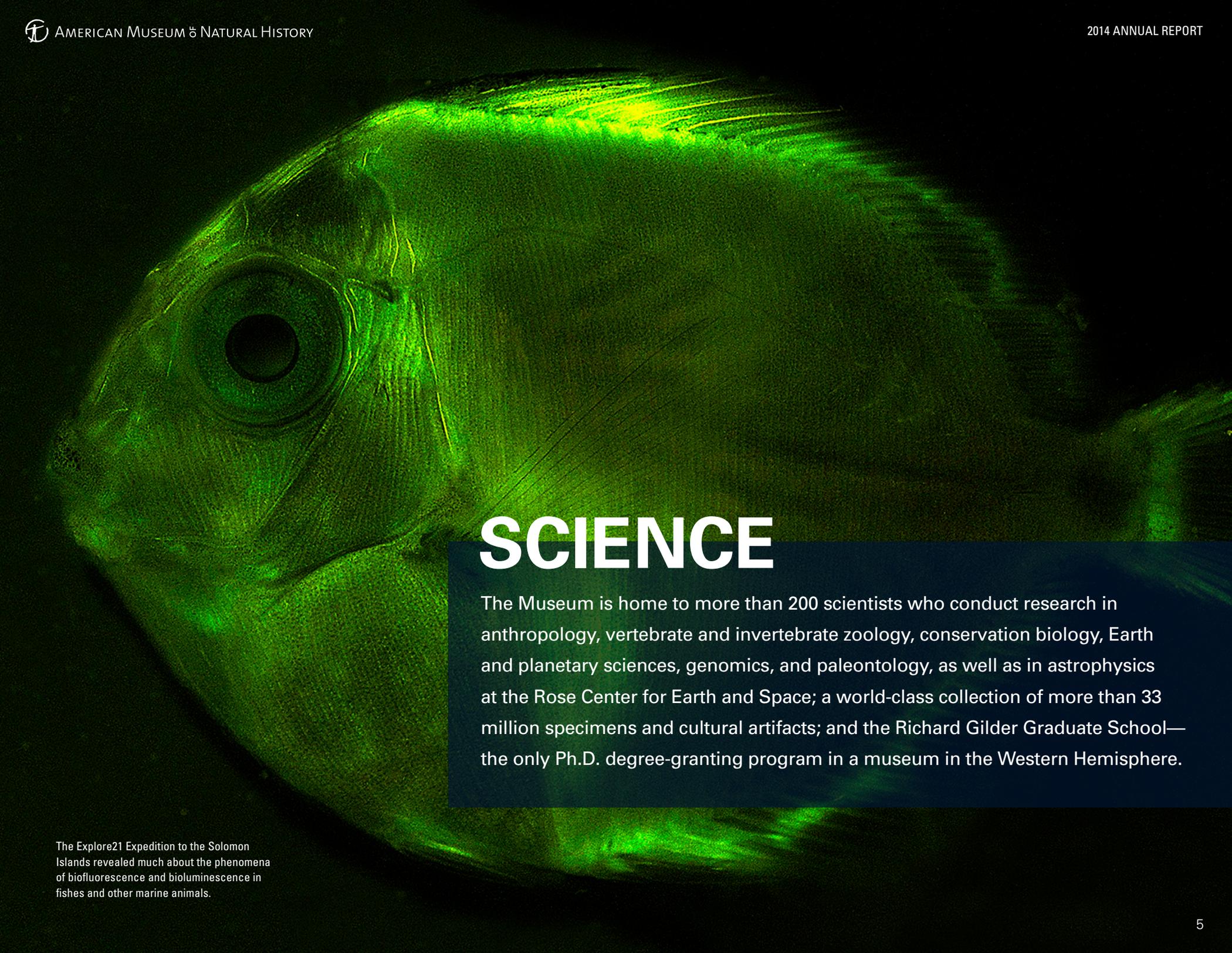
We could not do this work without the many individuals—led by our Trustees—Members, foundations, corporations, and government partners who support the Museum. We thank you for your interest and partnership, and hope you will continue with us on this wonderful and deeply rewarding journey of exploration and discovery.

Lewis W. Bernard

Lewis W. Bernard
Chairman

Ellen V. Futter

Ellen V. Futter
President



SCIENCE

The Museum is home to more than 200 scientists who conduct research in anthropology, vertebrate and invertebrate zoology, conservation biology, Earth and planetary sciences, genomics, and paleontology, as well as in astrophysics at the Rose Center for Earth and Space; a world-class collection of more than 33 million specimens and cultural artifacts; and the Richard Gilder Graduate School—the only Ph.D. degree-granting program in a museum in the Western Hemisphere.

The Explore21 Expedition to the Solomon Islands revealed much about the phenomena of biofluorescence and bioluminescence in fishes and other marine animals.

Fiscal Year 2014 In The Field

Field expeditions remain one of the Museum's primary sources of scientific knowledge, with more than 100 field projects around the globe each year. From explorations of underwater bioluminescence in the Solomon Islands to conservation studies in Vietnam, these expeditions continue to add to the Museum's preeminent collections and to inform its exhibitions and educational programs. Select expeditions are highlighted below.



ANTHROPOLOGY	CENTER FOR BIODIVERSITY AND CONSERVATION	INVERTEBRATE ZOOLOGY
PALEONTOLOGY	PHYSICAL SCIENCES	VERTEBRATE ZOOLOGY

The FY2014 Constantine S. Niarchos Expeditions to Australia, Morocco, Myanmar, and Peru (VZ) were generously supported by the Stavros Niarchos Foundation.

The AMNH-Mongolian Academy of Sciences expeditions are generously supported by the Margaret and Will Hearst Paleontological Research Fund.

For Explore21 Expedition to the Solomon Islands story and credits, see page 10.

* Explore21 Expedition

Fiscal Year 2014 Collections

Over the last 145 years, the Museum has amassed one of the world's preeminent natural history collections, which form an irreplaceable record of life on Earth.

In fiscal year 2014, thanks to a major donation of a marine fossil collection from Ohio University, the Museum's collections surpassed 33 million specimens and artifacts.

TOTAL 33,468,637 SPECIMENS AND CULTURAL ARTIFACTS

69.5%
INVERTEBRATE ZOOLOGY
23,260,798

17.2%
PALEONTOLOGY
5,779,908

10.8%
VERTEBRATE ZOOLOGY
3,607,352

1.6%
ANTHROPOLOGY
532,457

0.6%
PHYSICAL SCIENCES
195,300

0.3%
AMBROSE MONELL CRYO COLLECTION (FROZEN TISSUE)
92,822

The Museum's millions of specimens are maintained in specimen jars, on shelves, and in mounts behind the scenes and on view.

Museum Acquires Mapes Collection



A major donation from Ohio University brought 15,000 pounds of marine fossils hundreds of millions of years old to the Museum's collection in 2014. The Mapes collection, named for Ohio University professors Royal and Gene Mapes, totals 540,000 fossil specimens, including nautilus, ammonites, sponges, and fishes. The donation filled a chronological gap in the Museum's existing fossil collection, and pushed the total number of specimens and artifacts in the Museum's world-class collections over the 33-million mark.

"This collection is from the upper Paleozoic, roughly 240 to 350 million years ago, an era that is under-represented in our current holdings," says Neil Landman, curator-in-charge of the fossil invertebrate collection in the Museum's Division of Paleontology. "These spectacular specimens will provide rich opportunities for scientific research far into the future as we investigate the record of marine biodiversity throughout Earth's history."

The fossil material mostly consists of invertebrates but also includes vertebrate specimens such as exquisitely preserved fish skulls. The specimens were collected primarily from Arkansas, Oklahoma, Kansas, and Texas over a period of 45 years by Royal and Gene Mapes and their students. In addition, a number of the specimens represent more distant locations, including Morocco, Russia, Japan, and Vietnam. Museum scientists have been studying Mapes specimens for years through collaborative work with Ohio University.

"The Mapes collection is an extremely valuable scientific collection from which we've already described two new fish species," says John Maisey, curator-in-charge of the fossil fish collection in the Museum's

Division of Paleontology (see story on page 13 for more). "Many other specimens in this collection are destined to star in future papers about the anatomy and evolution of sharks and other early jawed vertebrates."



Fiscal Year 2014 Research Highlights

The research conducted by the Museum's scientists contributes to its collections and informs its exhibitions and programs. During fiscal year 2014, Museum researchers produced more than [500 publications](#), a selection of which are highlighted below.

2013

Fiscal year 2014 began July 1, 2013.

JUL

California gnatcatcher not a subspecies
Barrowclough, Groth »



Tracing the evolution of bird brains
Balanoff, Bever, Norell »

AUG

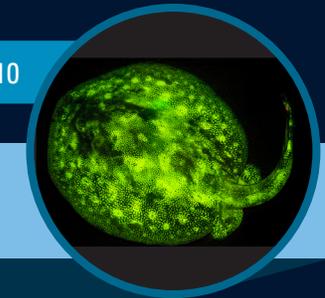
Relationships between bats, flies, and parasites
Perkins, DeSalle »

OCT



Bats harbor many strains of malaria parasite
Perkins »

PAGE 10



Researchers reveal world of fish biofluorescence
Sparks et al »

NOV



Fossil of four-million-year-old big cat species discovered
Tseng, Wang »

DEC

2014

Niches of marine species change over time
Hopkins »

JAN

Earliest Caribbean rodents identified
MacPhee »



Ice melt changes polar bear diet
Gomezano, Rockwell »

How stars take shape
Mac Low »

FEB

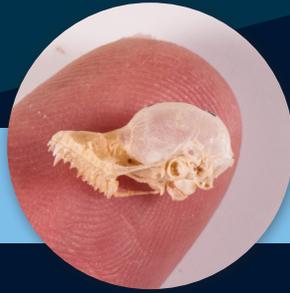
Lava flows created Chinese fossil beds
Meng, Harlow »



Tracking the birthplaces and "lost years" of green turtles
Gaughran et al »

MAR

Fish flashing may be a mating tactic *Sparks »*



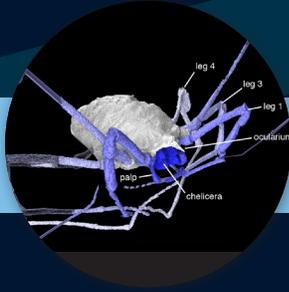
New bat species discovered by Museum researchers *Velazco, Voss, Simmons »*

APR

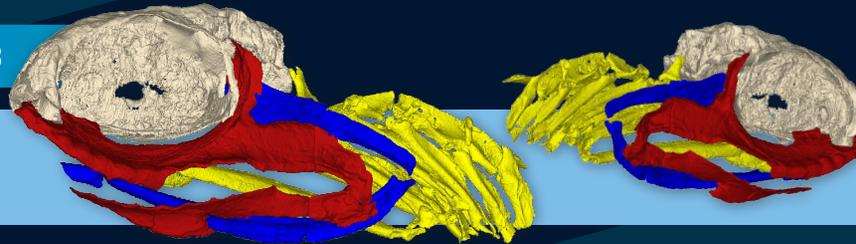


How red and giant pandas share a food source *Tseng »*

PAGE 13



Daddy longlegs once had extra eyes *Sharma »*



Shark fossils illuminate evolution of jaws *Pradel, Maisey »*

Geography influences wasp coloration *Perrard, Carpenter »*

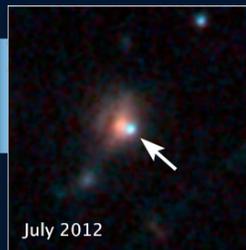
PAGE 15

MAY

Mancala games found near Arabian seashore *de Voogt »*



March 2012



July 2012

Astronomers "check the prescription" of a cosmic lens *Graur, Rodney »*



Discovering a new order of marine life *Rodríguez et al »*

Putting fossils in their place *Velazco, Simmons »*

SCIENCE

Explore21 Launches a New Generation of Expeditions

An expedition to study the life in the waters around the Solomon Islands launched a new generation of exploratory fieldwork under the banner of the Explore21 scientific initiative.

“Discoveries of living species, important fossils, new geological phenomena, and buried archaeological treasures still await in many places around the world.”

Michael Novacek
Provost of Science

The Explore21 Expedition surveyed wildlife in the Solomon Islands from the research vessel *Alucia*.



Left: John Sparks in the cockpit of the *Alucia's* Triton 3300 submarine. **Right:** Assistant Curator Eunsoo Kim collects microbes in the clear water of the Solomon Islands. The expedition offered Dr. Kim and others opportunities to collect specimens from several water body types and multiple sites.

The Explore21 program was established to support multidisciplinary expeditions that draw on cutting-edge technology and focus on delivering real-world applications by discovering new species, preserving biodiversity, and uncovering new knowledge about the natural world. For the inaugural trip, a team of Museum scientists led by Curator John Sparks traveled to the Solomon Islands aboard the research vessel *Alucia* to learn more about the fish, microbes, and other life in the region's exceptionally rich marine ecosystems.

During their three weeks in the field, the Solomon Islands team carried out groundbreaking work studying marine biofluorescence and bioluminescence. Beneath the surface of the ocean, the light from the Sun is quickly absorbed, leaving mid- and deep-water animals best served by making their own light, a feat they accomplish through two means: bioluminescence and biofluorescence. In bioluminescence, animals produce light via reactions between organic chemicals, while biofluorescence occurs when organisms absorb light and change it, reflecting it as a different color.

While biofluorescence and bioluminescence are not uncommon in nature, scientists have until recently understood little about how they factored into the lives of fish. Dr. Sparks and his team shed some light on the subject with their work on the Explore21 Expedition. Using a suite of cutting-edge, custom-made cameras, an enviable onboard laboratory, and a submarine with room for a crew of three, the Explore21 team documented many examples of biofluorescence and bioluminescence and collected more than 7,000 fish specimens during their trip.

The results took the team by surprise. Far more fish species than expected demonstrated biofluorescence, suggesting the trait could be much more common among bony fish than was previously thought. Fish were found with stripes, spots, and whole bodies that produced wild fluorescent colors, which may be used for camouflage among fluorescing coral reefs, for flashy courtship displays, or for other, still unknown, purposes. Initial findings have already produced several papers, including publications in [Marine Biology](#) and [PLOS ONE](#).

Expedition Team

JOHN SPARKS, Expedition Leader
Curator and Curator-in-Charge, Department of Ichthyology

CHRISTOPHER FILARDI
Director of Pacific Programs, Center for Biodiversity and Conservation

DAVID GRUBER
Associate Professor, Biology and Environmental Science
Baruch College, City University of New York
Museum Research Associate

EUNSOO KIM
Assistant Curator, Division of Invertebrate Zoology

BRENNAN PHILLIPS
Ph.D. candidate, University of Rhode Island

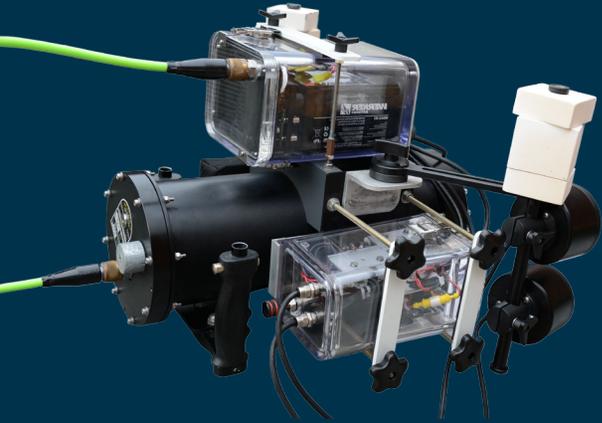
VINCENT PIERIBONE
Professor, Cellular and Molecular Physiology,
Neurobiology, Yale School of Medicine
Associate Fellow, The John B. Pierce Laboratory
Museum Research Associate

DAWN ROJE
Ph.D. candidate, Richard Gilder Graduate School

ROBERT C. SCHELLY
Senior Scientific Assistant, Department of Ichthyology

Putting New Technology to Work

From a miniature submarine to high-end cameras fit for a Hollywood blockbuster, the Explore21 Expedition to the Solomon Islands put cutting-edge technologies to work underwater and in the onboard laboratory.



In preparation for the expedition, the scientific team designed and built a custom underwater fluorescence LED system with ultra-bright LEDs, special lenses to accurately align the light to the filters, large dichroic filters, and exit diffusers—all contained within watertight housing capable of withstanding considerable pressure. This powerful illumination system was successfully installed on the *Alucia's* Triton 3300 submersible, creating a uniquely powerful tool for deepwater investigations of bioluminescence, and was also deployed with SCUBA divers in shallow waters.

The advanced lighting system was combined with top-of-the-line cameras, including a RED Epic camera that integrated blue LEDs and specially designed filters to photograph and record fluorescence that would otherwise be invisible to the human eye. Also on hand was a Hamamatsu Orca 4.0 V2 camera that could be controlled via laptop from the relative comfort of the Triton submersible.

“We still have so much to learn about how these animals use bioluminescence—for predation, camouflage, communication, or something else,” says Sparks.

The team also gathered examples of 100 species of biofluorescent invertebrates, and the trait was observed in many of these animals for the first time. These unexpectedly bountiful research findings are about more than identifying new traits in sea life, however. Fluorescent proteins have been used in medicine to help doctors trace the actions of living cells, and some of these newly discovered proteins could someday provide new diagnostic tools.

In the course of their three-week journey aboard the *Alucia*, the Museum team, led by Assistant Curator Eunsoo Kim, also performed a thorough survey of the microbial life around the islands.

“Being able to collect from several water body types—from shallow water to blue ocean water, surface to deep water—I was really excited about [the prospect of finding] interesting, rare material,” says Kim. She is working to analyze the variety of collections from the Solomon Islands trip with the assistance of colleagues around the world.

The second Explore21 Expedition has already returned from the remote central highlands of Papua New Guinea, and an additional field program is planned for 2015.

The Museum greatly acknowledges the Dalio Foundation for its generous support of the inaugural Explore21 Expedition.

The Museum's Explore21 Initiative is generously supported by the leadership contributions of Katheryn P. and Thomas L. Kempner, Jr., and Linda R. and William E. Macaulay.

Clockwise from left: The *Alucia's* Triton 3300 submersible vehicle can fit up to three people. The Triton 3300 being lowered into the water. David Gruber films from inside the submarine.





SCIENCE

Ancient Shark Fossil Shines Light on Modern Jaws

For years, researchers assumed that sharks were a fairly primitive form of life—one that hit the genetic jackpot early and had thrived without changing much throughout the eons. But what Museum scientists uncovered while analyzing a newly discovered 325-million-year-old fossil of a sharklike fish could change that line of thinking.

“The European Synchrotron used in this study is the Hubble Space Telescope of paleontology.”

John Maisey
Curator

The fossilized specimen of the fish *Ozarcus mapesae* viewed from two different angles.

“Sharks are traditionally thought to be one of the most primitive surviving jawed vertebrates. And most textbooks in schools today say that the internal jaw structures of modern sharks should look very similar to those in primitive sharklike fishes,” says Alan Pradel, a postdoctoral researcher at the Museum and the lead author of a study that was published in the April 16, 2014, issue of *Nature*. “But we’ve found that’s not the case.”

Bony fish have jaws that are rigidly connected to their skulls by bone structures, while shark jaws are attached with more flexible ligaments. The discovery of an early jaw in this new fish fossil suggests that this early sharklike fish, known as *Ozarcus mapesae*, had structures known as gill arches that more closely resemble the gill supports of modern tuna than the jaws of modern sharks.

That evidence is only available thanks to the beautifully preserved state of the fossil, one of more than half a million marine fossil specimens donated to the Museum by Ohio University (see page 7). That preservation allowed Museum researchers to pick out details that would have otherwise been lost to the ages.

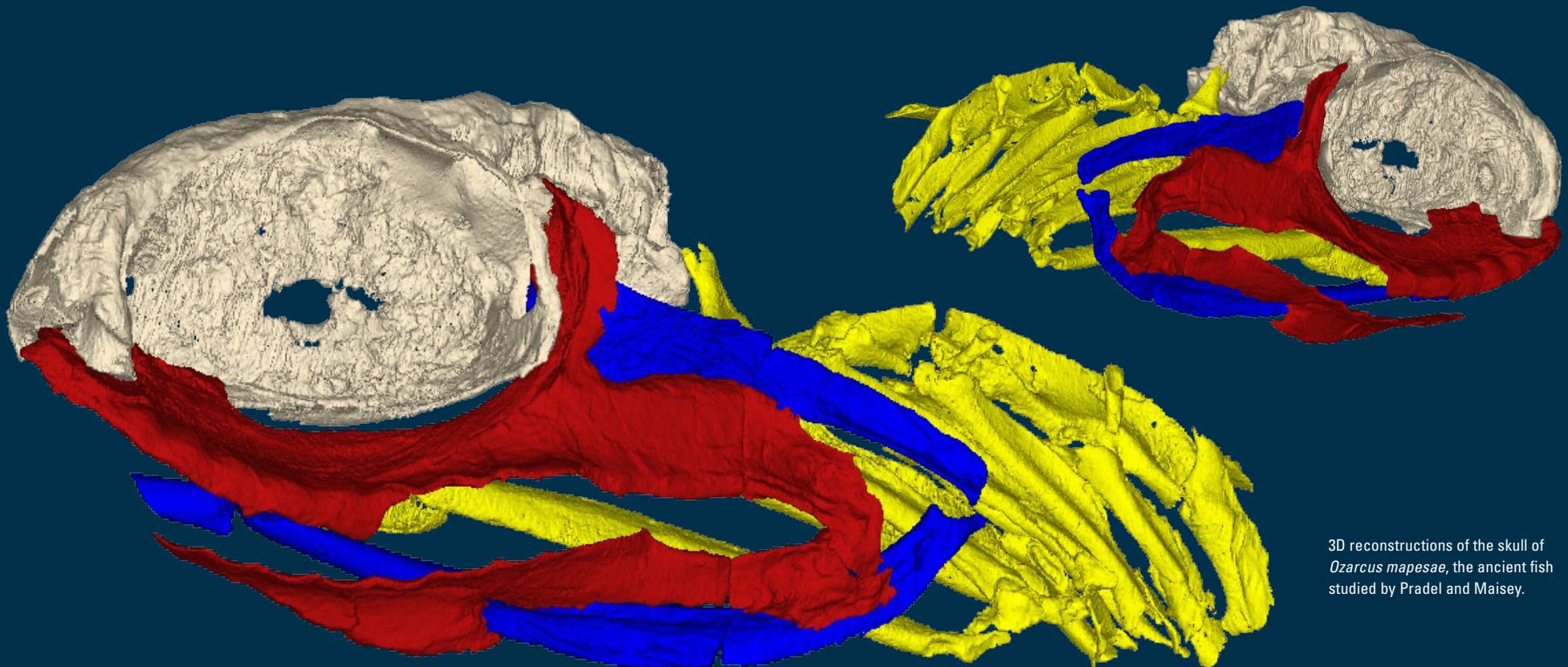
“There are other shark fossils like this in existence, but this is the oldest one in which you can see everything,” says John Maisey, curator in the Museum’s Division of Paleontology and one of the authors of the study. “There’s enough depth in this fossil to allow us to scan it and digitally dissect out the cartilage skeleton.”

That scanning was performed with assistance from partners at the European Synchrotron. This device, which Maisey has called the

“Hubble Space Telescope of paleontology,” can offer a look deep inside fossils without damaging them by bombarding specimens with high-energy x-rays.

Synchrotron results provided high-resolution 3D scans of *Ozarcus mapesae* that allowed researchers to examine the fossil in stunning detail. This more detailed understanding suggests that researchers interested in learning how early jaws developed might have more to learn from early fish fossils than modern sharks. [▶](#)

Funding for this study was provided in part by the Herbert & Evelyn Axelrod Research Chair in Paleichthyology at the Museum.



3D reconstructions of the skull of *Ozarcus mapesae*, the ancient fish studied by Pradel and Maisey.

SCIENCE

New Order of Marine Animal Discovered

Finding a new animal does not always involve sifting through racks of specimens or trudging through uncharted wilds. Undescribed species can be found in more or less plain sight, if researchers ask the right questions.

“Putting these animals in the same group [as anemones] would be like classifying worms and snakes together because neither have legs.”

Estefania Rodríguez
Assistant Curator

Once thought to be a giant sea anemone, *Relicanthus daphneae* represents a new order of marine life.

That’s how Museum Assistant Curator Estefania Rodríguez discovered that underwater creatures sporting six-foot-long tentacles were not the giant sea anemones they had been assumed to be, but an entirely new order of sea life.

First discovered in 2006, the species formerly known as *Bolocerooides daphneae* was at first taken to be an oversized example of a sea anemone. When Rodríguez used genetic analysis to clarify the sea anemone family tree, however, the results showed that the two were not related. “Putting these animals in the same group would be like classifying worms and snakes together because neither have legs,” says Rodríguez.

The sea anemone lineage has been rather murky: a lack of genetic data in the past has meant that researchers and taxonomists have had to depend solely on morphological data to properly place anemone species in the tree of life. As a result, a species that looks

like an anemone and acts like an anemone has generally been classified as an anemone.

“Anemones are very simple animals,” Rodríguez says. “Because of this, they are grouped together by their lack of characters—for example, the absence of a skeleton or the lack of colony-building, like you see in corals. So it wasn’t a huge surprise when we began to look at their molecular data and found that the traditional classifications of anemones were wrong.”

To get a better picture of how anemones are related, Rodríguez and her colleagues analyzed genetic data from 112 anemone species in a study published in [PLOS ONE](#) in May 2014. In doing so, they simplified the connections between animals, showing that what were thought to be four sub-orders of anemone were actually just two. Most surprising though, was their discovery that *Bolocerooides daphneae* was not an anemone at all. Indeed, the animal was so genetically

distinct from anything on record that it required the creation of an entire new order of Cnidaria. Now renamed *Relicanthus daphneae*, it is currently the sole member of this newly established order, though Rodríguez expects it will have company sooner than later.

“Although we’ve long known about the existence of this giant animal, it’s only in recent years that we’re really starting to understand where it fits into the tree of life,” Rodríguez says. “So imagine what else is still out there to discover.”

This work was partially supported by the U.S. National Science Foundation under Grant No. EF-0531763 to Daly, the Lerner Gray Fund for Marine Research to Rodríguez, the Louis V. Gerstner, Jr., Gerstner Family Foundation and the Gerstner Scholars Program to Brugler, and the Chilean FONDECYT project under number 1131039 to Häussermann.

Clockwise from left: Dr. Rodríguez in the laboratory. Hear more about this research in a video with Dr. Rodríguez. Doctor Rodríguez collecting anemones in South Africa. A sea anemone, once thought to be related to *Relicanthus daphneae*.



Curators and Directors

CURATORS AND DIRECTORS

Michael J. Novacek

Senior Vice President and Provost of Science
Curator, Division of Paleontology

John J. Flynn

Dean, Richard Gilder Graduate School
Frick Curator of Fossil Mammals,
Division of Paleontology

Scott A. Schaefer

Associate Dean of Science for Collections
Curator, Division of Vertebrate Zoology (Ichthyology)

Christopher J. Raxworthy

Associate Dean of Science for
Education and Exhibition
Associate Curator, Division of
Vertebrate Zoology (Herpetology)

DIVISION OF ANTHROPOLOGY

Curators in the Division of Anthropology conduct research around the world in the areas of ethnology, archaeology, and biological anthropology. The division's collections include more than 500,000 objects representing the peoples of the Americas, Africa, Asia, Europe, and the Pacific Islands.

Laurel Kendall

Division Chair and Curator, Asian Ethnology

Alex de Voogt

Assistant Curator, African Ethnology

Jennifer Newell

Assistant Curator, Pacific Ethnology

Charles Spencer

Curator, Mexican and Central American Archaeology

David Hurst Thomas

Curator, North American Archaeology

Peter Whiteley

Curator, North American Ethnology

DIVISION OF INVERTEBRATE ZOOLOGY

Scientists in the Division of Invertebrate Zoology study and archive the living non-vertebrate animals, which make up 95 percent of all animal species. This division houses more than 23 million specimens comprising about 500,000 species.

James M. Carpenter

Division Chair and Peter J. Solomon Family Curator

Robert DeSalle, Curator

David Grimaldi, Curator

Lee Herman, Curator

Eunsoo Kim, Assistant Curator

Susan Perkins, Associate Curator

Lorenzo Prendini, Curator

Estefania Rodríguez, Assistant Curator

Jerome G. Rozen, Curator

Mark E. Siddall, Curator

Ward Wheeler, Curator

DIVISION OF PALEONTOLOGY

Curators in the Division of Paleontology work to describe the diversity of extinct invertebrates and vertebrates and explore the mechanisms driving their evolution and extinction. The Museum's preeminent paleontology collections, with more than five million specimens, are divided into four units: Fossil Amphibians, Reptiles, and Birds (FARB); Fossil Fish; Fossil Invertebrates; and Fossil Mammals.

Mark A. Norell

Division Chair and Curator

John J. Flynn

Frick Curator of Fossil Mammals

Melanie Hopkins*, Assistant Curator

Neil Landman, Curator

John G. Maisey, Curator

Jin Meng, Curator

Michael J. Novacek, Curator

DIVISION OF PHYSICAL SCIENCES

Scientists in the Division of Physical Sciences study the origin and evolution of galaxies, stars, and planets with particular emphasis on planet Earth. The division includes the Department of Astrophysics and the Department of Earth and Planetary Sciences.

Denton S. Ebel

Division Chair and Curator, Earth and Planetary Sciences

DEPARTMENT OF ASTROPHYSICS

The Department of Astrophysics is located in the Frederick P. and Sandra Priest Rose Center for Earth and Space at the American Museum of Natural History. Research covers theory, observation, and instrumentation, with investigations focused on exoplanets, brown dwarfs, the formation of planets, stars, and galaxies, the evolution of stars and gas in the universe, and large-scale surveys.

Mordecai-Mark Mac Low, Curator

Rebecca Oppenheimer, Curator

Michael Shara, Curator

DEPARTMENT OF EARTH AND PLANETARY SCIENCES

Scientists in the Department of Earth and Planetary Sciences conduct research that explores the nature of terrestrial and planetary processes and curate the Museum's world-renowned collections of minerals and gems, meteorites, ores, rocks, and xenoliths.

George E. Harlow, Curator

Edmond A. Mathez, Curator

James Webster, Curator

DIVISION OF VERTEBRATE ZOOLOGY

The Division of Vertebrate Zoology houses one of the greatest collections of vertebrate specimens in the world, with more than 3.6 million specimens representing more than 35,000 species, as well as a growing collection of tissue samples for DNA studies. The division includes the Department of Herpetology, the Department of Ichthyology, the Department of Mammalogy, and the Department of Ornithology.

Joel L. Cracraft

Division Chair and Lamont Curator, Ornithology

* Joined in FY 2014

DEPARTMENT OF HERPETOLOGY

The Department of Herpetology houses one of the most important collections of reptiles and amphibians, with particular strengths in the fauna of Mexico, Panama, much of South America, Africa, Madagascar, Pakistan, China, New Guinea, Australia, and the Pacific Islands. The department is a major center for research, with active collection-based research programs in the Americas, Africa, and Asia.

Darrel R. Frost, Curator

Christopher J. Raxworthy, Associate Curator

DEPARTMENT OF ICHTHYOLOGY

Scientists pursue research focusing on the phylogeny and biogeography of recent fishes, classical collection-based revisionary studies, species discovery through field projects, and detailed comparative anatomical studies. The ichthyology collection, one of the world's largest, comprises approximately 2 million specimens.

Scott A. Schaefer, Curator

John S. Sparks, Curator

Melanie L.J. Stiassny
Herbert R. and Evelyn Axelrod Research Curator

DEPARTMENT OF MAMMALOLOGY

Researchers in the Department of Mammalogy work to describe the diversity of living and recently extinct mammals and explore the mechanisms responsible for their evolution and extinction. The department houses the third-largest collection of recent mammals in the world.

Ross D. E. MacPhee, Curator

Nancy B. Simmons, Curator

Robert S. Voss, Curator

DEPARTMENT OF ORNITHOLOGY

The Department of Ornithology maintains one of the largest collections of bird specimens in the world: nearly 1 million specimens, representing all continents and oceans and nearly 99 percent of all species. Researchers pursue projects that include higher-level phylogenetics of birds, studies of speciation and species status, and the description of patterns of geographic variation.

George F. Barrowclough, Associate Curator

Brian T. Smith*, Assistant Curator

SACKLER INSTITUTE FOR COMPARATIVE GENOMICS

Sackler Institute for Comparative Genomics (SICG) consists of four facilities spread throughout the Museum, each with a unique group of principal investigators whose research interests take them deeper into genomics, phylogenetics, cladistics, systematics, and molecular aspects of research. One of the SICG facilities is the Ambrose Monell Cryo Collection (AMCC), a repository of frozen tissue specimens.

George Amato
Director

CENTER FOR BIODIVERSITY AND CONSERVATION

Scientists at the Center for Biodiversity and Conservation work to mitigate critical threats to global biological and cultural diversity by advancing scientific research in diverse ecosystems; strengthening the application of science to conservation practice and public policy; developing professional, institutional, and community capacity; and furthering the Museum's efforts to heighten public understanding and stewardship of biodiversity.

Eleanor J. Sterling
Director

RICHARD GILDER GRADUATE SCHOOL

In fiscal year 2014, the Richard Gilder Graduate School awarded its first Ph.D.s in comparative biology. Graduates have embarked on impressive careers at the Royal Ontario Museum, Cold Spring Harbor Laboratory, and the U.S. Geological Survey, among other organizations. As the first generation of Ph.D.s leave, others continue to build the graduate school's reputation. In this fiscal year, students and professors earned recognition for their work in media and academia alike. Michael Tessler and advisor Mark Siddall were featured in a video for NPR's "Science Friday," and student Eugenia Gold won the Society of Vertebrate Paleontology's Dawson Award for Predoctoral Research.

John J. Flynn
Dean

HAYDEN PLANETARIUM

The office of the director of the Hayden Planetarium operates out of the Department of Astrophysics at the American Museum of Natural History with a mission to bring the frontier of astrophysics to the public via exhibitry, books, public programs, and online resources.

Neil deGrasse Tyson
Frederick P. Rose Director

RESEARCH LIBRARY

In fiscal year 2014, the Library was awarded a National Science Foundation grant to transcribe and edit the digitized manuscripts of Charles Darwin, adding this content to the Darwin Manuscripts Project, which is based in the Library. The Library launched its online image database, Digital Special Collections, featuring thousands of images of archival photographs documenting the Museum's history and highlights from the Library's Rare Book Collections. Staffers also collaborated with filmmakers to feature the Library and artifacts from its Memorabilia Collection in Night at the Museum 3: Secret of the Tomb.

Tom Baione
Harold Boeschstein Director

OFFICE OF REGISTRAR AND COLLECTIONS CONSERVATION

The Office of the Registrar works on the development of temporary exhibitions; manages de-installation of collections objects for traveling exhibitions; coordinates travel for exhibitions that include collections objects; manages outgoing exhibition loans; and processes accessions to the permanent collections. The Natural Science Conservation Lab oversees conservation efforts across the five scientific divisions.

Lisa Elkin
Chief Registrar and Director of Conservation

SOUTHWESTERN RESEARCH STATION

The Museum's year-round biological field station in Portal, Arizona, continues to add new workshops, new courses and education programs, support the activities of visiting researchers, and participate in local conservation efforts.

Dawn S. Wilson
Director

MICROSCOPY AND IMAGING FACILITY

The Microscopy and Imaging Facility (MIF) provides research staff and visiting scientists with time and training on advanced imaging technology, including a computed tomography scanner.

Morgan Hill
Laboratory Manager

COMPUTATIONAL SCIENCES

The Computational Sciences facility is used by research staff and students to analyze data on a high-performance, 128-core computing cluster.

Ward Wheeler
Curator-in-charge

* Joined in FY 2014

Inaugural Commencement

For Ph.D., Master of Arts in Teaching Programs

On September 30, 2013, the Museum held its inaugural commencement ceremony for graduates from the **Richard Gilder Graduate School (RGGS)**—established in 2008 as the first Ph.D.-granting program offered at a museum in the Western Hemisphere—and from the Master of Arts in Teaching program.

“This is not only a milestone for the Museum, but the museum field, and more broadly for higher education,” said President Ellen V. Futter in her commencement address. “Today we celebrate not only the graduation of our very first doctoral and Master’s candidates... but also a deeper and more profound integration of the Museum’s twin missions of science and education.”

With families and faculty members in attendance, Provost of Science Michael J. Novacek and RGGS Dean John J. Flynn conferred the Ph.D. degree in Comparative Biology on **seven candidates**, whose

specializations range from the evolution of armor in lizards to the study of fossils for clues about ancient climates.

During the second part of the ceremony, New York State Board of Regents Chancellor Merryl H. Tisch and New York State Education Commissioner John B. King Jr. presided over the conferral of Master of Arts in Teaching degrees.

The **first class of graduates** from this pilot **15-month urban residency program**, which was established in 2011 in response to a demonstrated need for qualified Earth science teachers in the state, included 20 graduates who had already started the school year as teachers in New York State schools, part of their commitment to teach in high-need schools in the state for four years after completing the program.

Known as Kathryn W. Davis Graduate Teaching Fellows, they received their degrees from MAT co-directors Maritza Macdonald and Rosamond J. Kinzler and faculty members Edmond Mathez and Mordecai-Mark Mac Low.

President Futter, together with Provost of Science Michael Novacek, also conferred an honorary degree on Dame Alison Richard, eminent biological anthropologist and academic leader, for her extraordinary contributions to advancing science, enhancing education, and promoting conservation. 

With deepest appreciation, the Museum acknowledges Kathryn W. Davis for her generous founding support of the Master of Arts in Science Teaching (MAT) Program.

The MAT program is supported in part by the New York State Education Department and by the National Science Foundation under Grant numbers DRL-1119444 and DUE-1340006.

Additional support has been provided by the Booth Ferris Foundation.

Clockwise left to right: President Ellen V. Futter delivers an address at commencement. Graduates are joined by (front row, from left) New York State Education Commissioner John B. King Jr., Chancellor of the New York State Board of Regents Merryl H. Tisch, Museum Chairman Lewis W. Bernard, Museum President Ellen V. Futter, Provost of Science Michael J. Novacek, Dame Alison Richard, RGGS Dean John J. Flynn, and (second row, tenth from left) MAT co-directors Maritza Macdonald and Rosamond J. Kinzler and faculty members Mordecai-Mark Mac Low and Edmond Mathez. MAT graduates look on.



DOCTOR OF PHILOSOPHY INAUGURAL GRADUATES

JOHN S. DENTON

Gainesville, Florida
Harvard University, 2006
B.A. in Biology

Stanford University, 2008
M.S. in Biology

Dissertation: *Evolution and Diversification of Myctophiform Fishes with Applications to Phylogenetic Methodology*

Defense Date: August 26, 2013

Degree Award Date: September 2013

Advisor: Melanie L. J. Stiassny, Ph.D.

Co-Advisor: Ward C. Wheeler, Ph.D.

BRYAN G. FALK

Boise, Idaho
Portland State University, 2004
B.S. in Biology

Dissertation: *Diversification of Malaria and Pinworm Parasites in Caribbean Anolis Lizards*

Defense Date: January 10, 2013

Degree Award Date: January 2013

Advisor: Susan L. Perkins, Ph.D.

ANTONIA M. FLORIO

Astoria, New York
City University of New York, 2008
B.S. in Biology

Dissertation: *Comparative Phylogeography of Widespread Furcifer Chameleons in Madagascar*

Defense Date: January 8, 2013

Degree Award Date: January 2013

Advisor: Christopher J. Raxworthy, Ph.D.

SEBASTIAN KVIST

Gothenburg, Sweden
University of Gothenburg (Sweden), 2008
B.S. in Marine Biology
M.S. in Biology

Dissertation: *A Phylogenomic Perspective on Annelid Evolution with Emphasis on the Evolution of Bloodfeeding in Leeches (Clitellata: Hirudinida)*

Defense Date: May 25, 2012

Degree Award Date: September 2012

Advisor: Mark E. Siddall, Ph.D.

SHAENA A. MONTANARI

Ridgefield, Connecticut
University of North Carolina, 2008
B.S. in Geological Science

Dissertation: *Paleobiology, Paleogeology, and Morphology of Vertebrates: New Approaches to Old Questions*

Defense Date: September 5, 2012

Degree Award Date: September 2012

Advisor: Mark A. Norell, Ph.D.

Co-Advisor: John J. Flynn, Ph.D.

EDWARD L. STANLEY

Bere Regis, Dorset, United Kingdom
University of St. Andrews (St. Andrews, Scotland), 2005
B.S. in Zoology

Villanova University, 2009

M.S. in Biology

Dissertation: *Systematics and Morphological Diversification of the Cordylidae (Squamata)*

Defense Date: September 5, 2013

Degree Award Date: September 2013

Advisor: Darrel R. Frost, Ph.D.

KATHRYN W. DAVIS GRADUATE TEACHING FELLOWS

WILFRID BEAUZILE

York College, 1995
B.S. Geology and Sociology

DUNCAN BLAIR

University of Sydney, 2000
M.A.Sc. Environmental Science
Harvard University, 1994
B.S. Environmental Science and Public Policy

JOHN P. CLARK

Illinois State University, 2012
B.S. Geology

KARL C. CLARKE

Oregon State University, 2013
M.S. Free-Choice Learning, Science Education

Hunter College, 2009
B.A. Environmental Earth Science

CHRISTOPHER M. CUBELO

University of South Carolina, 2007
B.S. Geology

JASMINE CHERICHE DECOSTA

University of California at Berkeley, 2010
B.S. Geology

LISA D. HLINKA

Stony Brook University, 2012
B.S. Geology

VICTORIA P. JONES

Columbia University, 2012
B.S. Earth and Environmental Engineering

KRISTEN E. LAPENTA

State University of New York at Brockport, 2011
B.S. Earth Science

CHRISTINA LEE

Bryn Mawr College, 2012
B.S. Geology

TYLER LYONS

Stony Brook University, 2012
B.S. Geology

SEAN P. MCFADDEN

Pennsylvania State University, 2009
B.S. Mineralogy

ANDREW O. NESHEIM

Boston College, 2011
M.S. Geology
Macalester College, 2007
B.S. Geology
B.A. Classics

BART F. PISCITELLO

Stony Brook University, 2012
B.S. Geology
B.A. Earth Science Education

JOHN JOSEPH ROWITT

Syracuse University, 2004
B.S. Geology

REID J. SHERMAN

University of California at Santa Cruz, 2012
B.S. Earth and Planetary Science

MELISSA SHUMER

University of Connecticut, 2004
Advanced Business Certificate in Accounting
Hunter College, 1998
M.S. Environmental and Occupational Health Sciences

YEVGENIY VIDERMAN

Columbia University, 2011
M.A. Climate and Society
Syracuse University, 2009
B.S. Geology

CATHERINE WARNER

Binghamton University, 2012
B.S. Physics and Geological Sciences

TODD R. WHELAN

Buffalo State College, 2008
B.S. Geology



EDUCATION

The Museum offers a continuum of learning opportunities from early childhood through adulthood via its public programs, topical camps and workshops, online or onsite professional development for educators, and a Master of Arts in Teaching Science.

Aki Watanabe, a graduate student in the Museum's Richard Gilder Graduate School, shows paleontology specimens to students in the 2013 summer program "Capturing Dinosaurs: Reconstructing Extinct Species Through Digital Fabrication."

Fiscal Year 2014 Program Highlights

Highlights of fiscal 2014 included programs for visitors of all ages, as well as a few milestone anniversaries. Renowned naturalist Sir David Attenborough spoke at the Museum, as did groundbreaking biologist Craig Venter. Festivals offered visitors a taste of the culture of Korea and marked the Museum's 35th year celebrating Kwanzaa. And in June, the Urban Advantage program celebrated a decade of supporting New York City's public middle school science teachers and students at the annual UA Science Expo.

2013

JUL



Virtual Worlds Institute: What Happened to Neanderthals?

AUG



Students Use 3D Printer To Reconstruct Dinosaurs

SEP



Sackler Brain Bench Explores the Neuroscience of Sports

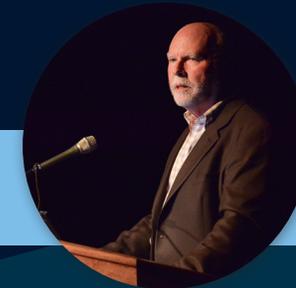
OCT



SciCafe Season Kicks Off with Ross MacPhee: Reviving the Mammoth



2013 Margaret Mead Film Festival: See for Yourself



Life at the Speed of Light with Craig Venter

NOV



Alfred Russel Wallace and the Birds of Paradise with Sir David Attenborough

DEC



SciCafe with Fatimah Jackson: How Plants Domesticated Humans



Kwanzaa 2013: 35th Anniversary Celebration

2014

JAN



Wild, Wild World: Wolves

FEB



Give Your Voice: Honor Black History

MAR



Experience Korea:
Innovations in Art and Culture



Isaac Asimov Memorial
Debate: Selling Space

APR



Our Genes, Ourselves:
What Can Our DNA Tell Us?

MAY



Milstein Science Series Presents
Capturing the Ocean's Glow



Identification Day

PAGE 25

JUN



Urban Advantage Science
Expo Celebrates 10 years

Students celebrate the 10th
Urban Advantage Science Expo in
the Milstein Hall of Ocean Life.

EDUCATION

Urban Advantage Marks 10-Year Anniversary

There was much to celebrate as hundreds of middle school students, teachers, and families filled the Milstein Hall of Ocean Life on June 7, 2014, for one of New York City's largest science expos.

"It's great to see Urban Advantage...
using the cultural institutions of our
city to help teachers innovate."

Carmen Fariña
New York City Schools Chancellor

The Urban Advantage Middle School Science Program was holding its 10th annual expo, which featured projects from 900 students from across the City. The bustling event was also the culmination of the program's 10th year, a decade spent helping 1,135 teachers and more than 185,000 students in 327 New York City public middle schools tap into the resources of some of the finest science-based institutions in the country.

"The scale of the 2014 Urban Advantage Expo mirrors the extraordinary growth that this program has seen in the 10 years since it began," says Museum President Ellen V. Futter of the innovative public-private partnership between the New York City Department of Education and a Museum-led consortium that includes the New York Hall of Science, the Bronx Zoo, the New York Aquarium, The New York Botanical Garden, the Brooklyn Botanic Garden, the Queens Botanical Garden, and the Staten Island Zoo.

Generously supported by the New York City Council and the Department of Education, Urban Advantage expands opportunities for evidence-based inquiry and authentic science in middle schools by providing lab supplies; access to collections, scientists, and other resources of partner institutions; and professional development for educators across the five boroughs—all aimed at bringing the best of science teaching to the classroom.

"As a former teacher and principal, I know how critical professional development is to empower, cultivate, and retain great teachers," says New York City Schools Chancellor Carmen Fariña. "That's why it's great to see Urban Advantage, a truly wonderful program, using the cultural institutions of our city to help teachers innovate new strategies to inspire their students."

In addition to offering teachers workshops on a range of topics, Urban Advantage has fostered a strong network of middle-school science teachers that educators say offers another crucial level of support, including the opportunity to share curricular resources.

"If you look at the science teachers in this school 10 years ago, and the science teachers today, you'll see that there's a big difference," says John Barbella, principal of IS 347 in Brooklyn, of the program's impact. "And that's all due to the resources, professional development, and partnerships that Urban Advantage has brought to the school."

Another important source of inspiration comes from visits to partner institutions, whether to The New York Botanical Garden, the Staten Island Zoo, or the Museum, by students with their families or on school field trips.

"Science is more than reading a book," says Kevyn Jackman, a science teacher at the Academy for Personal Leadership and Experience in the Bronx who has participated in Urban Advantage for seven years. "If we're studying astronomy, we go to the Hayden Planetarium. Evolution? The (Spitzer) Hall of Human Origins. Fossils, the fourth-floor dinosaur halls." 

Public support for the Urban Advantage program is provided by the Speaker and Council of the City of New York and the New York City Department of Education.

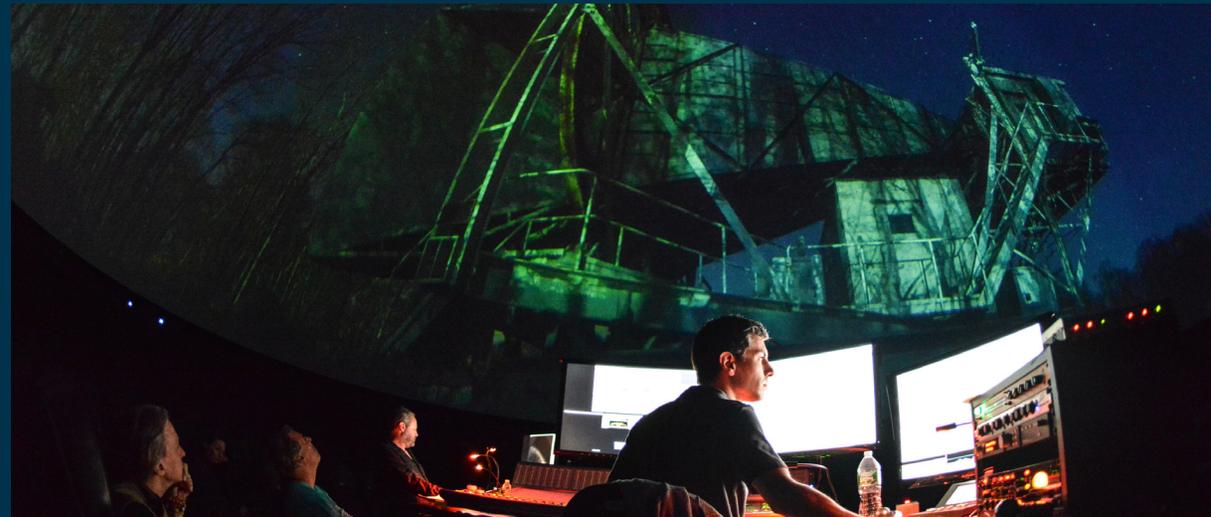


From top: Adrienne Lopez leads her science class at IS 347 in Brooklyn. Students work on a science project. More than 900 students participate in the UA Expo.

Dark Universe Premieres

An exquisitely rendered ride through the cosmos, the Museum's fifth Space Show, *Dark Universe*, which premiered in the Museum's Hayden Planetarium in November 2013, tells the story of the last century of cosmic discoveries—including two of the most enigmatic phenomena brought to light so far.

A visualization of "red shift," which helps astronomers understand the distance to various stars, from the Space Show *Dark Universe*.



Left: The production team visited the Horn Antenna to shoot a time-lapse sequence in spring 2013. **Right:** As the Space Show came together, the team reviewed scenes in the Hayden Planetarium Space Theater.

“This Space Show is not just about what we know about the universe but how we know it so well,” says Dr. Mordecai-Mark Mac Low, curator in the Museum’s Department of Astrophysics who also served as curator of *Dark Universe*. “The major accomplishment of the last decade in cosmology has been going from rather general knowledge about the universe to knowing its properties to within a few percent. The astonishing result is that the universe has turned out to be a very odd place, nothing like anybody ever expected.”

Narrated by Dr. Neil deGrasse Tyson, the Frederick P. Rose Director of the Hayden Planetarium, *Dark Universe* begins 100 million light-years away from Earth. After flying to our own Milky Way galaxy, viewers arrive on Earth at California’s Mount Wilson Observatory, where Edwin Hubble’s discovery that the universe is expanding provided the first clues to the Big Bang. That initial discovery, and ever more sensitive instruments on the ground and in space, led to other breakthroughs that give astronomers an increasingly detailed and precise picture of how our universe formed and evolved. The revelations also uncovered intriguing new mysteries: What is the invisible dark matter holding together galaxies? And what is dark energy, which accounts for about 70 percent of the stuff in the universe and which is causing the acceleration of cosmic expansion?

Created by an award-winning team of astrophysicists, educators, and science visualization experts, and directed by Carter Emmart, the Museum’s Director of Astrovisualization, *Dark Universe* drew on data from NASA and European Space Agency missions, ground-based telescopes, supercomputer simulations, and research conducted around the globe to produce its stunning visuals.

The show includes breathtaking sequences that drop audiences alongside a parachute descending through Jupiter’s atmosphere, bring them back to the afterglow of the Big Bang, and float them through an intricate web of invisible dark matter.

“I was happily swooning through the cosmos, stars and galaxies floating crisply by like fluff you get from blowing on a dandelion, ready to go anywhere, when the final credits started rolling,” wrote Dennis Overbye in *The New York Times*.

Dark Universe, which was produced by Vivian Trakinski with Dr. Rosamond J. Kinzler serving as executive producer, features a script by best-selling science writer Timothy Ferris and a score by Robert Miller, a New York City composer who worked on music for two previous Space Shows.

The show won several awards including Best Science Visualization at the FullDome Festival in Jena, Germany, and joined the Museum’s other popular planetarium shows playing to audiences all over the globe. In fiscal year 2014 alone, six planetarium shows, including *Dark Universe*, and the musical show *SonicVision*, appeared in 40 venues in 17 countries. *Cosmic Collisions* screened in 25 locations, including Moscow and Manila, while *Journey to the Stars* was shown in nine cities including Perth, Australia, and Athens, Greece. 

Dark Universe was created by the American Museum of Natural History, the Frederick Phineas and Sandra Priest Rose Center for Earth and Space, and the Hayden Planetarium.

Made possible through the generous sponsorship of Accenture.

And proudly supported by Con Edison.

The Museum also gratefully acknowledges major funding from the Charles Hayden Foundation.

Presented with special thanks to NASA and the National Science Foundation.

Dark Universe was developed by the American Museum of Natural History, New York, in collaboration with the California Academy of Sciences, San Francisco, and GOTO INC, Tokyo, Japan.



EXHIBITION

In the 2014 fiscal year, the Museum’s award-winning temporary exhibitions continued to offer in-depth explorations of current scientific and cultural topics. Live performances and interactive apps brought an added level to visitor engagement, and a piece of cutting-edge technology that’s helping researchers to explore the world’s oceans was also on display.

Visitors learn about the first vertebrates ever to take to the sky using powered flight in the special exhibition *Pterosaurs: Flight in the Age of Dinosaurs*.

Fiscal Year 2014 Special Exhibitions



The Power of Poison

November 16, 2013–August 10, 2014

Ubiquitous in the natural world, toxins are part of a dynamic defense system that plants and animals deploy against predators. *The Power of Poison* took visitors through the world of poisons and the science behind them.

Highlights of the exhibition included fascinating historical artifacts that showed how humans have sought to detect the presence of poisons—and to protect against their toxic powers; how plant and animal toxins have been used in medical treatments; and the potent power of poison as a longstanding motif in fairy tales, legends, and children’s stories.

The Power of Poison was brought to life in the Detecting Poison Theater, in which live presenters explored a real-world poisoning case that highlighted dramatic advances in toxicology and forensics since the 19th century. Visitors also got close views of live animals on display, including dart-poison frogs, flame butterfly caterpillars, and a Gila monster.

The exhibition was curated by Mark Siddall, curator in the Division of Invertebrate Zoology.

Major funding was provided by the Lila Wallace-Reader’s Digest Endowment Fund.

The exhibition was designed and produced by the Exhibition Department under the direction of David Harvey, senior vice president for exhibition.



Pterosaurs: Flight in the Age of Dinosaurs

April 5, 2014–January 4, 2015

They flew with their fingers. They walked on their wings. Some were gigantic, while others could fit in the palm of a hand. Millions of years ago, the skies were ruled by pterosaurs, flying reptilian cousins to dinosaurs and the first vertebrates to fly under their own power.

These amazing aerialists were highlighted in a comprehensive exhibition that featured rare fossils and life-size models of majestic pterosaurs. The exhibition also included a virtual flight lab where visitors could use their bodies to pilot a pterosaur over a prehistoric landscape.

Dr. Mark Norell, curator and chair of the Museum’s Paleontology Division, oversaw this exhibition with Dr. Alexander Kellner of Museu Nacional in Rio de Janeiro.

The Museum gratefully acknowledges the Richard and Karen LeFrak Exhibition and Education Fund.

Generous support for *Pterosaurs: Flight in the Age of Dinosaurs* was provided by Mary and David Solomon.

The exhibition was designed and produced by the Exhibition Department under the direction of David Harvey, senior vice president for exhibition.

Live-Animal Exhibitions



Frogs: A Chorus of Colors

May 18, 2013–January 5, 2014

Returning to view, *Frogs: A Chorus of Colors* featured more than 150 live frogs, including 10 species of colorful dart-poison frogs, and explored the diverse world of these complex amphibians by introducing visitors to their biology and evolution, their importance to ecosystems, and the threats they face in the wild.

Christopher J. Raxworthy, associate curator in the Department of Herpetology and associate dean of science for education and exhibition, served as lead curator.

The exhibition was presented with appreciation to Clyde Peeling's Reptiland.



The Butterfly Conservatory: Tropical Butterflies Alive in Winter

October 12, 2013–June 22, 2014

Celebrating its 16th year at the Museum, this annual favorite invited visitors to mingle with up to 500 fluttering, iridescent butterflies among blooming tropical flowers and lush green vegetation in a 1,200-square-foot vivarium.

Generous support for The Butterfly Conservatory has been provided by the Eileen P. Bernard Exhibition Fund.

Temporary Exhibitions



A:shiwi A:wana Ulohanne—The Zuni World

October 17, 2013 – January 12, 2014

A:shiwi A:wana Ulohanne—The Zuni World featured contemporary Zuni map art paintings, illuminating the tradition of “indigenous mapping” that has become increasingly significant over the last two decades as a way to record and memorialize indigenous knowledge of the landscape.

The exhibition was produced in partnership with the A:shiwi A:wana Museum and Heritage Center in Zuni, New Mexico.



Natural Histories

Opened October 19, 2013

Featuring scientific illustrations spanning five centuries, *Natural Histories: 400 Years of Scientific Illustration from the Museum's Library* explored the integral role illustration has played in scientific discovery through 50 striking, large-format reproductions from holdings in the Museum Library's Rare Book collection.

The exhibition was curated by Tom Baione, Harold Boschenstein Director of Library Services at the Museum.

The presentation of *Natural Histories* was made possible through the generosity of the Arthur Ross Foundation.



The Exosuit

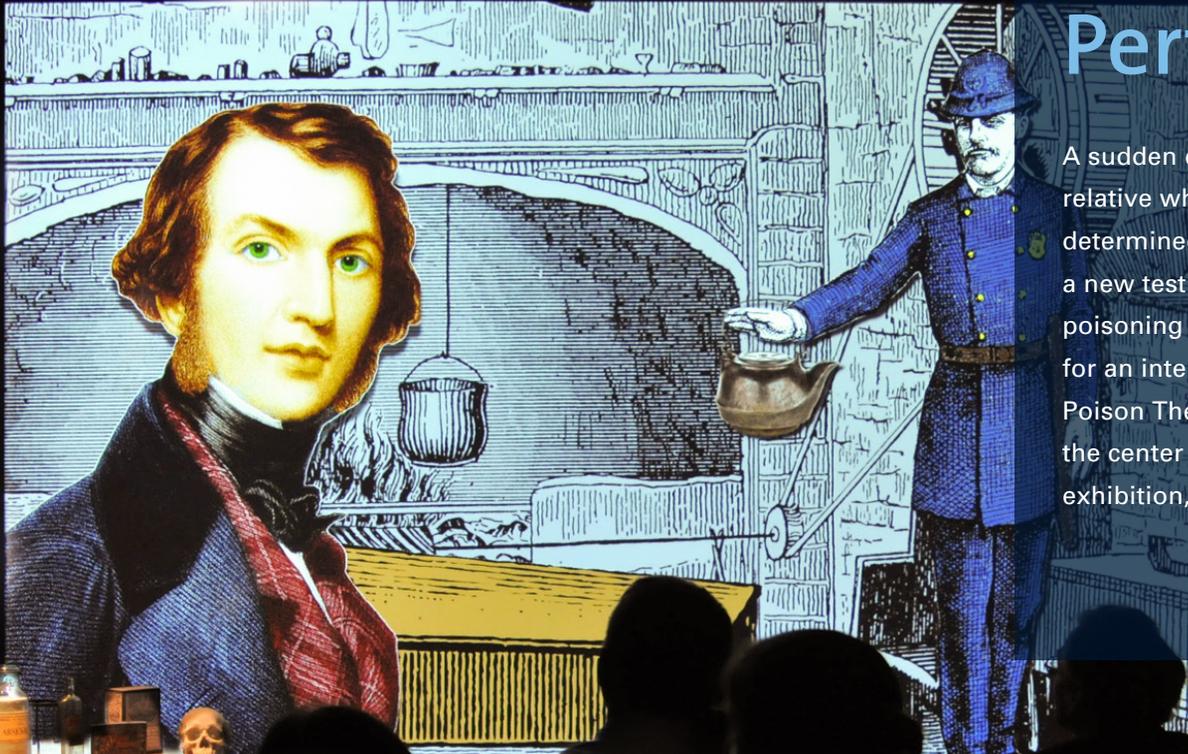
February 27, 2014 – March 5, 2014

The Exosuit, a 530-pound aluminum alloy atmospheric diving system, together with a remotely operated vehicle (ROV), was featured in a temporary exhibit in the Milstein Hall of Ocean Life that highlighted new technologies that are offering new ways for scientists to observe, photograph, and collect marine life.

EXHIBITION

The Power of Performance

A sudden death on a farm outside of London, a relative who stands to inherit, and a young chemist determined to solve the mystery by developing a new test for arsenic. Gleaned from a real-world poisoning case, these dramatic details set the stage for an interactive live presentation in the Detecting Poison Theater, a new experience for visitors at the center of the Museum's *The Power of Poison* exhibition, which opened in November 2013.



Visitors help solve an interactive mystery in the *The Power of Poison*.



The Museum’s exhibitions began featuring in-gallery live presentations in the summer of 2012, with the opening of the *Spiders Alive!* exhibit. Throughout the day, visitors could join a 15-minute presentation about the basic anatomy and life history of a pair of amazing live arachnids: the rose hair tarantula and emperor scorpion, which were chosen for very specific qualities.

“The Chilean rose hair tarantula and emperor scorpion are both big and impressive, but they’re also pretty docile,” says Associate Director of Living Exhibits Hazel Davies. “They’re calm, so they could take being moved and handled and having lights shone on them.”

While an instructor handled the animals, a camera over the table projected the presentation onto a large screen, offering the entire audience a close-up view. A lively question-and-answer session, as well as a chance to handle touchable specimens including a tarantula’s molted carapace, rounded out the in-gallery experience.

Clockwise from left: In *Spiders Alive!*, presenters introduce attendees to living arachnids. A Chilean rose hair tarantula from *Spiders Alive!* In *The Power of Poison* iPad app, sleuths can solve toxic mysteries on their own. Kids get up close and personal with arachnid specimens in *Spiders Alive!*

The Power of Poison offered a more intricate live presentation that gave visitors some background on the development of toxicology—the branch of science concerned with the detection of poison—and prime them to solve poisoning mysteries in the penultimate section of the exhibition.

In the Detecting Poison Theater, presenters donned lab coats and invited visitors into a setting reminiscent of a forensics laboratory, then wove a tale that illustrated the rise of toxicology in the 19th century while detailing the effects of poison on the body.

“Since the presenters had backgrounds in science, they could loosen the script a little bit and adjust the show to visitor interest and aptitude,” says Senior Director of Exhibition Interpretation Lauri Halderman. “That helped to make the show more friendly to repeat visits, as every live performance was one-of-a-kind.”

The presentation also set the stage for the next section of the exhibition, which featured three accidental poisoning mysteries that visitors were invited to solve using clues in three-dimensional dioramas and *The Power of Poison* app.

Given visitors’ enthusiastic response, and the opportunities to enrich, enliven, and even personalize the experience, live interactions like these are likely to be part of Museum exhibitions in the future.

“We’re taking the best parts of the live experience from the poison theater and taking them to the next level,” says Halderman, who is especially excited about including science-literate presenters who thrive on fielding impromptu questions from the audience and on off-the-cuff interactions that make each show unique. 

Awards

PTEROSAURS: FLIGHT IN THE AGE OF DINOSAURS

American Graphic Design Award
Graphic Design USA, 2014

THE POWER OF POISON

In-House Design Award of Merit
HOW Design Magazine, 2014

Platinum Hermes Creative Award for Mobile App
Association of Marketing and Communication Professionals, 2014

Platinum Hermes Creative Award
Association of Marketing and Communication Professionals, 2014

Webby Award nomination
International Academy of Digital Arts & Sciences, 2014

OUR GLOBAL KITCHEN: FOOD, NATURE, CULTURE

Gold Award
Graphis Design, 2014

Justified: AIGA Design Competition
American Institute of Graphic Arts, 2013

American Graphic Design Award
Graphic Design USA, 2013

SPIDERS ALIVE!

Platinum Hermes Creative Award
Association of Marketing and Communication Professionals, 2014

American Graphic Design Awards
Graphic Design USA, 2013

The rare pterosaur fossil known as Dark Wing was on display in *Pterosaurs: Flight in the Age of Dinosaurs*.

Keeping Visitors Engaged at the Museum and Beyond



Two of the special exhibitions in fiscal year 2014, *The Power of Poison* and *Pterosaurs: Flight in the Age of Dinosaurs*, were accompanied by new apps that were featured as interactive exhibits in the gallery and available for free from the App Store.

In *The Power of Poison: Be a Detective*, players gathered clues to solve a trio of accidental poisoning mysteries that were also featured as dioramas in the gallery. In the process, the Webby Award-nominated app offered a crash course in poisonous animals, common items with the potential to poison, and how factors like dosage and species can affect the way a toxin works.

The *Pterosaurs: Flight in the Age of Dinosaurs* app offered an in-depth look at the fascinating flying reptiles with spotlights on six pterosaur species, animations of pterosaur behavior, interactive explorations of pterosaur fossils and anatomy, interviews with paleontologists, and more.

A companion app was also available for *Pterosaurs: The Card Game*, an educational card game co-developed with youth in a Museum education program using images and information from the special exhibition. Triggered by cards from the deck, which were available to be downloaded for free on amnh.org or purchased in the Museum Shop, the app reveals animations of pterosaurs walking, flying, and more.

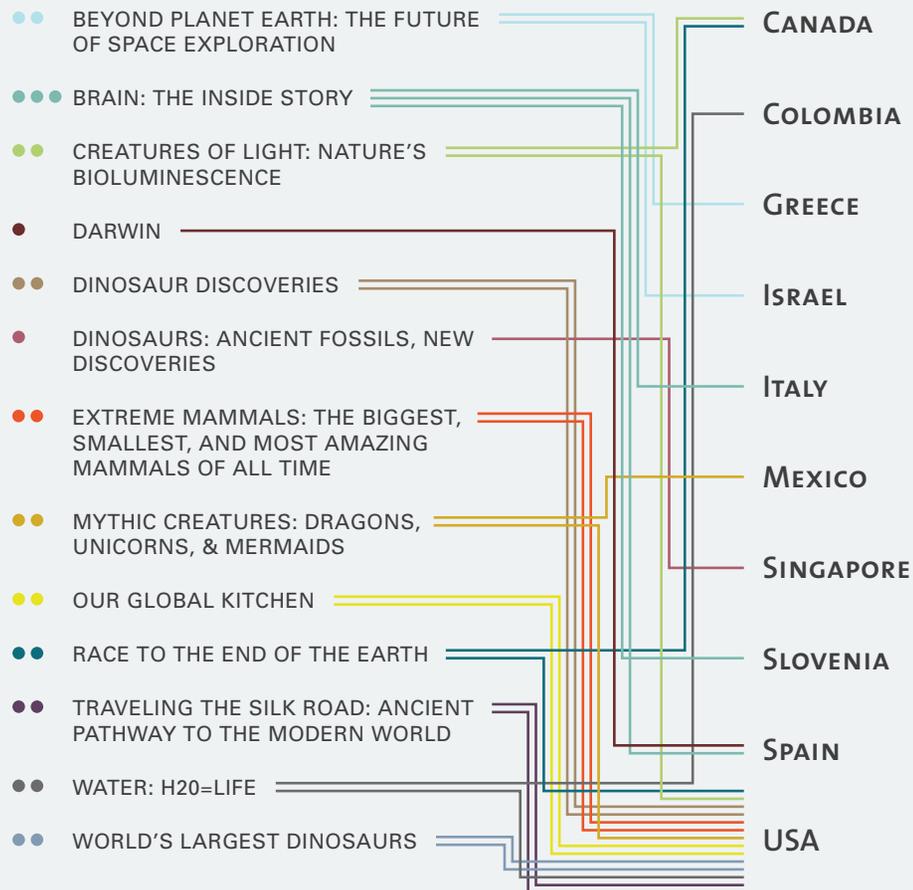
Traveling Exhibitions and Productions

Developed by award-winning design, media, engineering, and exhibition teams and by educators working with research scientists, the Museum's exhibitions, Space Shows, and the Digital Universe Atlas were presented on every continent except Antarctica in FY 2014.

TRAVELING EXHIBITIONS

EXHIBITIONS	VENUES	COUNTRIES
25	24	10

Number of locations where the exhibition was shown worldwide, not including the Museum.



PLANETARIUM SHOWS

SHOWS	ACTIVE LICENSES	VENUES	CITIES	COUNTRIES
6	61	40	39	17

- COSMIC COLLISIONS
- DARK UNIVERSE
- JOURNEY TO THE STARS
- PASSPORT TO THE UNIVERSE
- THE SEARCH FOR LIFE: ARE WE ALONE?
- SONICVISION



ARGENTINA ●1	GREECE ●1 ●1 ●1 ●1	SOUTH AFRICA ●1 ●1
AUSTRALIA ●2 ●1 ●1 ●2	JAPAN ●1 ●1 ●1	SOUTH KOREA ●1
AZERBAIJAN ●1	MEXICO ●1	SWEDEN ●1
CHINA ●1 ●1	NEW ZEALAND ●1 ●1	UK ●1
COLOMBIA ●2	PHILIPPINES ●1 ●1 ●2	USA ●9 ●3 ●2 ●5 ●2 ●1
FRANCE ●3 ●1 ●1	RUSSIA ●2 ●1 ●1	

Supporter Spotlight



Linda and Bill Macaulay

Linda and Bill Macaulay like to say that theirs is a three-generation Museum family.

Growing up in New York, both remember discovering dioramas as children. When their daughters were young, Linda, an ornithologist, often took the children birding indoors, challenging the girls to spot all the birds in a single diorama. Now their grandchildren are taking classes at the Museum and discovering their own favorite exhibits in the process.

“The Museum is a wonderful family institution that focuses on the natural world, and it teaches kids to look and observe,” says Linda. “I learn something new every time I go to a new hall.”

Left to right: Jason Donahue, Anne Macaulay Donahue, Eleanor Lewis, George Lewis, Elizabeth Macaulay Lewis, Arthur Lewis, Linda Macaulay, Bill Macaulay.

The Macaulays are just as passionate about the treasures behind the scenes as the ones on display. This interest was first sparked when Linda began carrying out research in the collections and then volunteering in the Department of Ornithology.

“You can open any drawer and come up with a scientific question,” says Linda, a Museum Trustee who leads the Collections Committee and is a formidable collector herself, having recorded thousands of birdsongs around the world. “It’s important to add to the collection, to add to the base of knowledge—to go to new areas that haven’t been explored before, and to go back to areas and see the differences over time.”

Such appreciation for the enduring and growing value of the Museum’s scientific collections—and their own extensive experience in the field—inspired the Macaulays to support the Museum’s Explore21 scientific initiative for exploratory fieldwork. In 2014, the Macaulays provided support for the fall 2015 Explore21 Papua New Guinea Expedition, which included biodiversity surveys in the country’s central highlands—areas so remote that the scientists’ journey included landings on grass airstrips, days of hiking through muddy ravines, and river crossings on suspension bridges made of vines.

“The difference that organization and preparation makes when you get to the field is amazing,” says Bill, who has often joined Linda on expeditions. “We could relate to helping fund the advance work for Papua New Guinea, because when you get to the field, every day counts.”

As the specimens collected in Papua New Guinea continue to yield important information about the area’s biodiversity—and perhaps even descriptions of several species new to science—the Macaulays remain enthusiastic supporters.

“The Museum is a premier institution with spectacular leadership, with great vision, and it serves a very broad community, from New York residents to people all over the world,” says Linda. “Then you have the back of house—scientists from all over the world using the collections here, scientists doing really great work, graduate students getting the best grants. It’s the whole package, really.”

Robert F. Gossett, Jr.

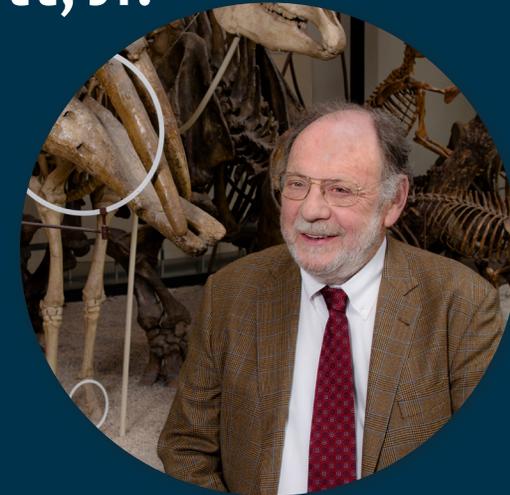
Bob Gossett’s fascination with the Museum began when he was a boy in a remote corner of southwest Texas reading about Roy Chapman Andrews.

“My parents gave us these Landmark Books about prominent Americans,” he explains. “Here’s this man at this big museum in New York City, and he’s going off to the Gobi Desert. Pretty exciting stuff!”

Retired now and splitting his time between Texas and Manhattan, Gossett first became a Patron in 1997. Since 2013, he has maintained his annual membership gift at the highest level, the Chairman’s Circle. He remains passionate about the Museum and strongly motivated to keep supporting its unique educational mission, showing the public “the world as it is and how it came to be.”

As a father who saw his own children delight in discovery at the Museum, Gossett knows firsthand what an invaluable role it plays for city schoolchildren. “They might go to the park but they never get to see wild animals, they never see the night sky because of the lights,” he says. “The American Museum of Natural History offers them a chance to see a much larger world than they would ever get to see.”

Gossett himself recalls boyhood excursions to a local natural history museum, the Witte Museum in San Antonio. A doting aunt took him there for a course in astronomy—



making sense of the “billions of stars” the small-town boy could see in a night sky unobscured by city lights.

When he and his late wife, who also grew up in Texas, moved to New York and raised their family, he rediscovered the wonder again—and then some—with the Hayden Planetarium giving them back the stars and the dioramas, a closer look at the wildlife Texans take for granted.

“In southwest Texas, most activity is outdoors,” he says. “At the Museum, it’s all there—and sometimes even better. I’ve seen live rattlesnakes but in the reptile hall there are two rattlesnakes fighting. I’d never seen that before.”

Plus, he adds, “Here, you have scholars who know all about rattlesnakes. Back home we had old wives’ tales handed down by old hunters!”

Report of the Treasurer

Fiscal year 2014 marked another year of solid financial performance and growth in the Museum's net assets.

Due to continued strength in visitor attendance and fundraising, as well as ongoing financial discipline, the Museum generated positive net unrestricted operating revenues of \$110,898 in fiscal year 2014. This positive outcome was the net result after transfers of designated contributions and other revenues to plant and long-term investments.

The Museum's net assets increased by \$48.9 million, from \$789.1 million to \$838.0 million, during fiscal year 2014, due primarily to strong investment returns on the Museum's endowment. Over the last two fiscal years, the Museum's net assets increased by over \$155 million, or 22 percent, due to increases in the value of the Museum's endowment and pledges receivable, as well as reductions in the Museum's liabilities for interest rate exchange agreements and post-retirement healthcare.

UNRESTRICTED OPERATING RESULTS

During fiscal year 2014, the Museum’s annual Unrestricted Operating Revenues and Support increased by \$8.9 million, from \$166.3 million to \$175.2 million. Annual Unrestricted Operating Expenses, together with transfers, increased by \$8.9 million, from \$166.2 million to \$175.1 million for the same period, resulting in net unrestricted operating revenue and support of \$110,898 during fiscal year 2014.

The Museum continued to enjoy record attendance levels during fiscal year 2014. As a result,

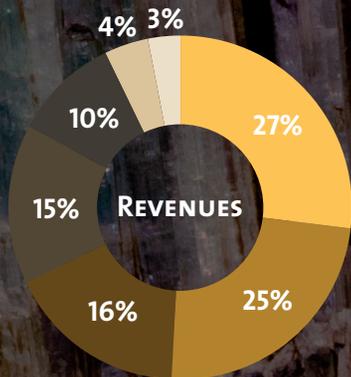
attendance-related revenues increased by \$3.4 million to \$47.4 million, and remained the largest source of operating revenue. The Museum continued to receive substantial operating and programmatic support from Trustees, other individuals, foundations, and corporations, as well as from the City of New York, the State of New York, and the federal government. During fiscal year 2014, contributions and grants used to fund Museum operations, including a portion of net assets released from restrictions, totaled \$42.8 million. Additionally, the Museum received unrestricted

operating support from the City of New York, including funding for certain energy and pension costs, totaling \$17.0 million. The City of New York also provided capital support to the Museum (see “Capital Expenditures”).

Support for annual operations from the Museum’s endowment—which equals five percent of the average of 12 preceding quarterly market values, ending March 31—fluctuates according to market conditions. During fiscal year 2014, endowment support for Museum operations increased by \$1.0 million, to \$27.3 million.

UNRESTRICTED OPERATING REVENUES AND EXPENSES

Fiscal Year 2014



- 27%** Visitor contributions and admissions
- 25%** Contributions and grants*
- 16%** Endowment and related funds*
- 15%** Auxiliary activities
- 10%** The City of New York
- 4%** Membership
- 3%** Miscellaneous revenue and other fees

- 36%** Scientific research, education, and exhibition
- 19%** Guardianship, maintenance, and operating costs
- 10%** Cost of goods sold and other expenses of auxiliary activities
- 10%** General and administrative
- 9%** Transfers to fund payment of debt service
- 5%** Fundraising and membership
- 4%** Communications
- 4%** Visitor services
- 3%** Information technology

* Includes a portion of net assets released from restrictions

CAPITAL EXPENDITURES

In fiscal year 2014, the Museum invested \$9.8 million to fund priority capital improvement projects to meet infrastructure and security needs as well as permanent exhibition hall renovations and new scientific facilities. As in the past, the Museum funded most of its capital improvements from a variety of sources, including the City of New York, State of New York, private donations, and the Museum’s endowment.

The Museum recognized non-cash depreciation expense of \$29.9 million during fiscal year 2014. Net of depreciation expense, the value of the Museum’s physical plant decreased by \$20.1 million, from \$452.1 million to \$432.0 million.

DEBT AND OTHER LIABILITIES

The Museum’s liabilities increased by \$18.2 million during fiscal year 2014, from \$396.7 million to \$414.9 million. The increase in liabilities was largely attributable to an increase in accrued postretirement healthcare liabilities resulting from a lower discount rate, as well as an increase in deferred revenues. The Museum’s long-term debt remained fairly consistent in fiscal year 2014, decreasing from \$269.3 million to \$268.7 million during the period.

ENDOWMENT FUNDS

The return on the Museum’s endowment was +16.2 percent in fiscal year 2014, reflective of positive performance in worldwide equity markets. As a result, the market value of the endowment increased by \$69.2 million, from \$588.0 million to \$657.2 million. During this period, the Museum received cash gifts and pledge payments totaling \$8.9 million, and made planned withdrawals from the endowment for Museum operations and capital investment totaling \$32.6 million.

The Museum’s endowment asset allocation is intended both to drive investment return and to provide protection in volatile markets. The Museum’s endowment funds

are invested by independent investment managers in diversified equity and fixed income securities and are overseen by the Museum’s Investment Committee. In recognition of favorable worldwide equity market conditions, the Museum shifted 7 percent of endowment assets to marketable equities and reduced its allocation to absolute return/hedged equity funds and real assets by 7 percent. As of June 30, 2014, the Museum’s endowment was invested as follows:

Marketable equities	40%
Absolute return/hedge funds	37%
Marketable fixed income	3%
Marketable real assets	3%
Private investment partnerships	15%
Cash equivalents	2%
TOTAL	100%

THE IMPORTANCE OF CONTRIBUTIONS AND GRANTS

The Museum continued to benefit greatly from the extraordinary generosity of its private and public supporters. During fiscal year 2014, the Museum raised a total of \$76.8 million in support of its operations, programs, capital improvements, and endowment—a major endorsement of the importance and social impact of the Museum’s work in science, education, and exhibition. As a result, the Museum continued to balance its operating budget, grow its endowment, and make improvements to its infrastructure and facilities.

Charles H. Mott

Charles H. Mott
Treasurer

Financial Statements

CONDENSED SUMMARY OF CONSOLIDATED STATEMENTS OF FINANCIAL POSITION

These statements are summarized for the fiscal years ending June 30, 2014, and June 30, 2013, and excerpted from the audited financial statements. A complete set of audited financial statements is available on amnh.org.

ASSETS	2014	2013
Cash and other operating assets	\$ 105,435,674	\$ 86,023,510
Contributions and grants receivable, net	48,803,632	51,046,864
Long-term investments, at fair value	666,596,709	596,572,355
Plant and equipment, net	432,030,961	452,074,386
TOTAL ASSETS	\$ 1,252,866,976	\$ 1,185,717,115
LIABILITIES	2014	2013
Accounts payable and other liabilities	\$ 146,158,348	\$ 127,394,499
Loans from the Trust for Cultural Resources	268,696,789	269,270,225
TOTAL LIABILITIES	\$ 414,855,137	\$ 396,664,724
NET ASSETS		
Unrestricted	\$ 330,399,393	\$ 335,387,802
Temporarily restricted	319,737,742	277,597,339
Permanently restricted	187,874,704	176,067,250
TOTAL NET ASSETS	\$ 838,011,839	\$ 789,052,391
TOTAL LIABILITIES AND NET ASSETS	\$ 1,252,866,976	\$ 1,185,717,115

CONSOLIDATED STATEMENTS OF ACTIVITIES—UNRESTRICTED

These statements are summarized for the years ended June 30, 2014, and June 30, 2013, and excerpted from the audited financial statements. A complete set of the audited financial statements is available at amnh.org.

OPERATING REVENUE AND SUPPORT			2014	2013	NON-OPERATING REVENUE, SUPPORT AND EXPENSES			2014	2013		
Investment return designated for operations	\$	18,610,217	\$	18,115,493	REVENUE AND SUPPORT FOR PLANT						
Contributions and grants		24,066,521		24,854,218	Contributions, grants, and miscellaneous income			\$	1,347,462	\$	9,090,375
Operating support from the City of New York		16,964,933		16,721,953	Capital support from the City of New York				967,984		12,750,969
Visitors' contributions and admissions		47,386,598		43,956,168	Net assets released from restrictions				70,460		305,544
Membership fees		6,510,218		6,715,807	Transfer from long-term investments and operations to plant				25,473,771		22,004,796
Auxiliary activities		28,233,814		25,243,289	PLANT EXPENSES						
Miscellaneous fees and other revenue		6,070,085		5,053,478	Interest expense not capitalized			\$	12,428,314	\$	12,239,653
Net assets released from restrictions		27,396,304		25,653,941	Change in value of interest rate exchange agreements				(512,004)		(19,240,783)
TOTAL OPERATING REVENUE AND SUPPORT	\$	175,238,690	\$	166,314,347	Depreciation and amortization				30,082,440		26,955,102
OPERATING EXPENSES					LONG-TERM INVESTMENTS AND OTHER						
Scientific research	\$	35,801,735	\$	33,570,176	Plant expenses not capitalized				234,333		260,951
Education		18,701,527		17,747,862	Write-off of deferred bond issuance costs				1,946,072		—
Exhibitions		7,826,659		8,963,758	Contributions and bequests			\$	1,225,872	\$	917,351
Membership		2,242,173		2,154,412	Investment return in excess of amounts designated for operations				13,911,598		4,888,132
Visitor services		7,648,292		7,401,914	Net assets released from restrictions				11,920,363		12,528,328
Auxiliary activities		17,641,579		16,501,880	Transfers from plant and operations to long-term investments, net				(8,145,000)		(7,907,947)
General and administrative		16,970,863		15,851,165	Other pension-related activities				(7,692,662)		28,193,040
Fundraising		5,741,091		5,437,851	CHANGE IN UNRESTRICTED NET ASSETS			\$	(4,988,409)	\$	62,667,816
Communications		7,353,379		7,041,211							
Information technology		6,182,315		5,594,584							
Guardianship, maintenance, and operating costs		31,689,408		31,840,534							
TOTAL OPERATING EXPENSES	\$	157,799,021	\$	152,105,347							
Designated contributions and transfers to plant and long-term investments		17,328,771		14,096,849							
Operating revenue and support in excess of operating expenses, designated contributions, and transfers	\$	110,898	\$	112,151							

Board of Trustees

as of June 30, 2014



OFFICERS

Lewis W. Bernard, *Chairman*
 Ellen V. Futter, *President*
 Roger C. Altman, *Vice Chairman*
 Fiona Druckenmiller, *Vice Chairman*
 Louis V. Gerstner, Jr., *Vice Chairman*
 David S. Gottesman, *Vice Chairman*
 Linda R. Macaulay, *Vice Chairman*
 Roberto A. Mignone, *Vice Chairman*
 Charles H. Mott, *Treasurer*
 Sibyl R. Golden, *Secretary*

TRUSTEES

Roger C. Altman
 Lewis W. Bernard
 Jackie Bezos
 Scott L. Bok
 Tom Brokaw
 Archibald Cox, Jr.
 Christopher C. Davis
 Vivian H. Donnelley
 Fiona Druckenmiller
 Nancy B. Fessenden
 Tina Fey
 Ellen V. Futter
 Helene D. Gayle
 Louis V. Gerstner, Jr.
 Richard Gilder
 Joseph H. Gleberman
 Robert G. Goelet,
Chairman Emeritus

Sibyl R. Golden
 David S. Gottesman
 Marlene Hess
 Richard E. Jaffe
 Helene L. Kaplan
 Katheryn P. Kempner
 David H. Koch
 Ilene Sackler Lefcourt
 Richard S. LeFrak
 Linda R. Macaulay
 Victor Marrero
 Theodore A. Mathas
 Rebekah Mercer
 Lorne Michaels
 Roberto A. Mignone
 Edwin H. Morgens
 Charles H. Mott
 Valerie S. Peltier
 Charles E. Phillips, Jr.
 Virginia Hearst Randt
 Alan Rappaport
 Shaiza Rizavi
 Theodore Roosevelt IV
 Walter V. Shipley
 Frank V. Sica
 Anne Sidamon-Eristoff,
Chairwoman Emerita
 Laura Baudo Sillerman
 Anna Deavere Smith
 Mary C. Solomon
 Peter J. Solomon
 Christine A. Varney
 Kenneth L. Wallach
 Ann Ziff

EX-OFFICIO TRUSTEES

Hon. Bill de Blasio,
Mayor of the City of New York
 Hon. Melissa Mark-Viverito,
Speaker of the Council of the City of New York
 Hon. Scott Stringer,
Comptroller of the City of New York
 Hon. Gale Brewer,
President of the Borough of Manhattan
 Hon. Mitchell Silver,
Commissioner of the New York City Department of Parks and Recreation
 Hon. Tom Finkelpearl,
Commissioner of the New York City Department of Cultural Affairs
 Hon. Carmen Fariña, *Chancellor of the New York City Department of Education*

HONORARY TRUSTEES

Philip F. Anschutz
 William S. Beinecke
 Stephanie Bell-Rose
 Melinda Blinken
 Daniel Brodsky
 Raymond G. Chambers
 Donald K. Clifford, Jr.
 Steven A. Denning
 L.F. Boker Doyle
 John L. Eastman
 Hughlyn F. Fierce
 Emily H. Fisher

Tom Freston
 Victor F. Ganzi
 Elbridge T. Gerry, Jr.
 Earl G. Graves
 Alan C. Greenberg*
 David A. Hamburg
 Richard A. Jalkut
 Harry P. Kamen
 Deborah C. Kessler
 Frederick A. Klingenstein
 David H. Komansky
 Karen J. Lauder
 Shelly B. Lazarus
 William M. Lewis, Jr.
 Thomas E. Lovejoy
 Shirley M. Malcom
 Norman S. Matthews
 Eugene R. McGrath
 Edward H. Meyer
 Irma Milstein
 Morris W. Offit
 Jeremiah P. Ostriker
 Richard D. Parsons
 Kathleen I. Powers
 Richard L. Revesz
 Richard Robinson
 Jonathan F.P. Rose
 Janet Ross
 Jack Rudin
 Ralph L. Schlosstein
 Constance Spahn
 Carroll L. Wainwright, Jr.
 Rosalind P. Walter
 Judy H. Weston
 Edward O. Wilson

* Deceased

Committees of the Board of Trustees

as of June 30, 2014

AUDIT

Christine A. Varney, *Chairman*
Lewis W. Bernard
Nancy B. Fessenden
David S. Gottesman
Richard E. Jaffe
Victor Marrero
Charles H. Mott

BUDGET AND FINANCE

Charles H. Mott, *Chairman*
Roger C. Altman
Lewis W. Bernard
Nancy B. Fessenden
Ellen V. Futter
Marlene Hess
Richard E. Jaffe
Linda R. Macaulay
Theodore A. Mathas
Edwin H. Morgens
Alan Rappaport
Theodore Roosevelt IV
Frank V. Sica

BUILDING AND GROUNDS

Valerie S. Peltier, *Chairman*
Lewis W. Bernard
Ellen V. Futter
Sibyl R. Golden
Richard S. LeFrak
Peter J. Solomon

COLLECTIONS

Linda R. Macaulay, *Chairman*
Lewis W. Bernard
Nancy B. Fessenden
Ellen V. Futter
Sibyl R. Golden
Helene L. Kaplan
Katheryn P. Kempner
Rebekah Mercer
Alan Rappaport
Theodore Roosevelt IV

COMMITTEE ON TRUSTEES AND GOVERNANCE

Peter J. Solomon, *Chairman*
Lewis W. Bernard
Ellen V. Futter
Helene L. Kaplan
Victor Marrero
Shaiza Rizavi
Walter V. Shipley
Mary C. Solomon
Christine A. Varney

EDUCATION POLICY

Laura Baudo Sillerman, *Chairman*
Lewis W. Bernard
Jackie Bezos
Christopher C. Davis
Vivian H. Donnelley
Nancy B. Fessenden
Ellen V. Futter

Helene D. Gayle
Helene L. Kaplan
Ilene Sackler Lefcourt
Theodore A. Mathas
Rebekah Mercer
Charles E. Phillips, Jr.
Virginia Hearst Randt
Anne Sidamon-Eristoff
Mary C. Solomon

EXECUTIVE

Lewis W. Bernard, *Chairman*
Roger C. Altman
Tom Brokaw
Christopher C. Davis
Fiona Druckenmiller
Nancy B. Fessenden
Ellen V. Futter
Louis V. Gerstner, Jr.
Sibyl R. Golden
David S. Gottesman
Helene L. Kaplan
Richard S. LeFrak
Linda R. Macaulay
Roberto A. Mignone
Charles H. Mott
Valerie S. Peltier
Theodore Roosevelt IV
Anne Sidamon-Eristoff
Laura Baudo Sillerman
Peter J. Solomon
Christine A. Varney
Kenneth L. Wallach

EXECUTIVE COMPENSATION

Christopher C. Davis, *Chairman*
Lewis W. Bernard
Fiona Druckenmiller
Nancy B. Fessenden
Ellen V. Futter
David S. Gottesman
Helene L. Kaplan
Charles H. Mott
Theodore Roosevelt IV
Walter V. Shipley
Anne Sidamon-Eristoff
Kenneth L. Wallach

EXHIBITION POLICY

Tom Brokaw, *Chairman*
Lewis W. Bernard
Ellen V. Futter
Helene L. Kaplan
Richard S. LeFrak
Lorne Michaels
Virginia Hearst Randt
Alan Rappaport
Anne Sidamon-Eristoff
Laura Baudo Sillerman
Mary C. Solomon
Anna Deavere Smith
Ann Ziff

OFFICERS

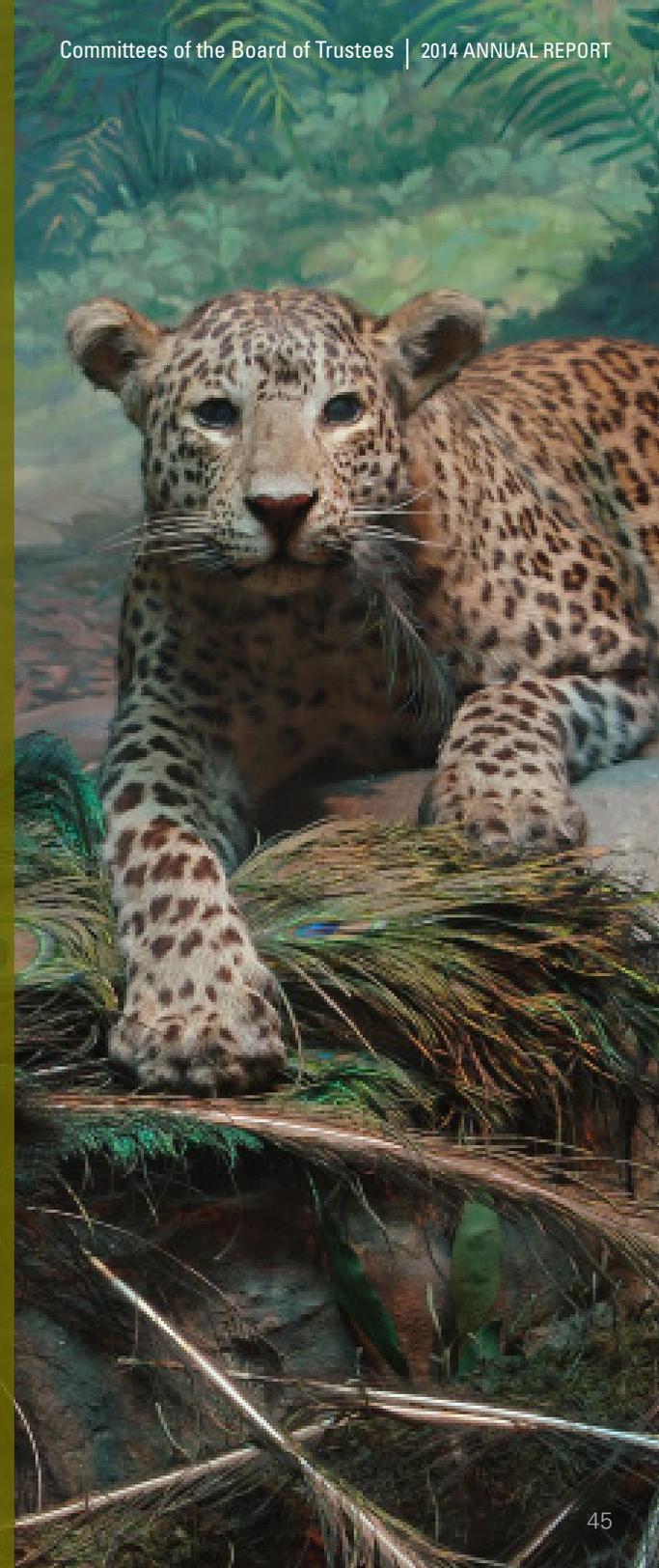
Lewis W. Bernard, *Chairman*
Roger C. Altman
Fiona Druckenmiller
Ellen V. Futter
Louis V. Gerstner, Jr.
Sibyl R. Golden
David S. Gottesman
Linda R. Macaulay
Roberto A. Mignone
Charles H. Mott

PLANNING

Roger C. Altman, *Chairman*
Lewis W. Bernard
Fiona Druckenmiller
Nancy B. Fessenden
Ellen V. Futter
Louis V. Gerstner, Jr.
David S. Gottesman
Helene L. Kaplan
Linda R. Macaulay
Roberto A. Mignone
Edwin H. Morgens
Walter V. Shipley
Anne Sidamon-Eristoff

SCIENCE POLICY

Louis V. Gerstner, Jr., *Chairman*
Roger C. Altman
Lewis W. Bernard
Scott L. Bok
Tom Brokaw
Archibald Cox, Jr.
Nancy B. Fessenden
Ellen V. Futter
Helene D. Gayle
Joseph H. Gleberman
Robert G. Goelet
Sibyl R. Golden
Richard E. Jaffe
Katheryn P. Kempner
David H. Koch
Linda R. Macaulay
Roberto A. Mignone
Edwin H. Morgens
Valerie S. Peltier
Charles E. Phillips, Jr.
Frank V. Sica
Anne Sidamon-Eristoff
Kenneth L. Wallach



Committees of the Museum, Project Committees, and Advisory Councils

as of June 30, 2014

DEVELOPMENT

Lewis W. Bernard, *Chairman*
Roger C. Altman
Fiona Druckenmiller
Ellen V. Futter
Joseph H. Gleberman
David S. Gottesman
Linda R. Macaulay
Roberto A. Mignone

RICHARD GILDER GRADUATE SCHOOL

Helene L. Kaplan, *Chairman*
Lewis W. Bernard
Vivian H. Donnelley
Nancy B. Fessenden
Ellen V. Futter
Sibyl R. Golden
Shaiza Rizavi
Anne Sidamon-Eristoff

INVESTMENT

Roberto A. Mignone, *Chairman*
Roger C. Altman
Lewis W. Bernard
Archibald Cox, Jr.
Ellen V. Futter
Joseph H. Gleberman
Linda R. Macaulay
Alan Rappaport

LIBRARY

Nancy B. Fessenden, *Chairman*
Lewis W. Bernard
Ellen V. Futter
Sibyl R. Golden
David S. Gottesman
Constance Roosevelt
Theodore Roosevelt IV

ORAL HISTORY PROJECT COMMITTEE

Nancy B. Fessenden, *Chairman*
Lewis W. Bernard
Ellen V. Futter
Sibyl R. Golden
Anne Sidamon-Eristoff

CENTER FOR BIODIVERSITY AND CONSERVATION ADVISORY COUNCIL

Sibyl R. Golden, *Co-Chairman*
Joseph H. Gleberman,
Co-Chairman
John Alexander
George Amato
Lewis W. Bernard
Peggy Bewkes
Melinda Blinken

Scott L. Bok
Margaret Condron
Edgar Cullman, Jr.
Robert DeSalle
Vivian H. Donnelley
Pamela S. Farkas
Nancy B. Fessenden
Emily H. Fisher
Ellen V. Futter
Kathryn Hearst
Meg Hirschfeld
Richard E. Jaffe
Karen J. Lauder
Thomas E. Lovejoy
Edwin H. Morgens
Michael J. Novacek
Valerie C. Ohrstrom
Valerie S. Peltier
Theodore Roosevelt IV
Ross Sandler
Anne Sidamon-Eristoff
Marion Schwartz
Constance Spahn
Eleanor J. Sterling
Edward O. Wilson

Gifts and Grants

Fiscal Year 2014

July 1, 2013–June 30, 2014



PUBLIC FUNDERS

FEDERAL

Institute of Museum and Library Services
 National Aeronautics and Space Administration
 National Endowment for the Humanities
 National Institutes of Health
 National Oceanic and Atmospheric Administration
 National Science Foundation
 United States Department of Defense
 United States Department of State
 United States Fish and Wildlife Service

STATE

New York State Council on the Arts
 New York State Division of Homeland Security and Emergency Services
 New York State Education Department

CITY

Council of the City of New York
 Manhattan Borough President
 Mayor of the City of New York
 New York City Department of Cultural Affairs
 New York City Department of Education

TRUSTEES, INDIVIDUALS, FOUNDATIONS, CORPORATIONS AND ORGANIZATIONS

\$1,000,000 AND ABOVE

Anonymous (3)
 The Dalio Foundation
 Christopher C. Davis, Shelby Cullom Davis Charitable Fund
 Dr. Kathryn W. Davis*
 Louis V. Gerstner, Jr., Gerstner Family Foundation
 David S. and Ruth L. Gottesman, The Gottesman Fund
 David H. Koch
 Mr. Richard S. LeFrak, The Richard S. and Karen LeFrak Charitable Foundation, Inc.
 Susan S. and Kenneth L. Wallach Foundation

\$500,000 TO \$999,999

Anonymous (2)
 Sibyl R. Golden
 Linda R. and William E. Macaulay
 Stavros Niarchos Foundation
 Panthera Corporation
 The Carroll and Milton Petrie Foundation
 Drs. Marilyn and James H. Simons

\$250,000 TO \$499,999

Carnegie Corporation of New York
 Mr. and Mrs. Russell L. Carson
 Lewis B. and Dorothy Cullman Foundation
 Andrew Davis, Shelby Cullom Davis Charitable Fund
 Vivian H. Donnelley, Strachan Donnelley Family Charitable Lead Unitrust

Doris Duke Charitable Foundation
 Charles Hayden Foundation
 Mr. and Mrs. Thomas L. Kempner, Jr.
 Eugene M. Lang Foundation
 John D. and Catherine T. MacArthur Foundation
 Allison and Roberto Mignone
 Mr. and Mrs. Howard P. Milstein, Paul and Irma Milstein Foundation
 The Ambrose Monell Foundation
 New York Life Foundation
 The Pinkerton Foundation
 Virginia Hearst Randt and Dana Randt
 Frank V. Sica
 Anne and Bernard* Spitzer
 The Travelers Companies, Inc.

\$100,000 TO \$249,999

Anonymous (1)
 Accenture
 Roger Altman and Jurate Kazickas
 Bezos Family Foundation
 Booth Ferris Foundation
 The Peter and Carmen Lucia Buck Foundation
 The Louis Calder Foundation
 The Coca-Cola Company
 Con Edison
 Coral Reef Alliance
 Filomen M. D'Agostino Foundation
 The Dyson Foundation
 The Ford Foundation
 Victor F. and Patricia M. Ganzi
 The Red Crane Foundation
 Lynette and Richard Jaffe, The Jaffe Family Foundation
 Marshall P. and Rachael C. Levine
 Ethel and Hilary Lipsitz
 Lockheed Martin Corporation
 MetLife Foundation

* Deceased

Mr. and Mrs. Edwin Morgens,
The Wildwood Foundation
Anne and Charles H. Mott
Julian Robertson
Mr. and Mrs. Daniel Rose
Mrs. Constantine Sidamon-Eristoff,
The Howard Phipps Foundation
Laura Baudo Sillerman,
The Tomorrow Foundation, Inc.
Mary and David Solomon
The Tiffany & Co. Foundation
Ann Ziff
Leslie and Daniel Ziff

\$50,000 TO \$99,999

Anonymous (4)
Altman Foundation
Philip F. Anschutz,
The Anschutz Foundation
Jill and Lewis Bernard,
Mariposa Foundation
Mrs. Leonard Block
Scott and Roxanne Bok,
Bok Family Foundation
Archibald Cox, Jr.
Mr. and Mrs. Steven A. Denning,
The Sage Foundation
The Derfner Foundation
Disney Worldwide Conservation Fund
Cleveland H. Dodge Foundation, Inc.
Nancy B. and Hart Fessenden
Richard Gilder,
Gilder Foundation, Inc.
Mr. and Mrs. Robert G. Goelet
Robert F. Gossett, Jr.
Anthony Gould
Mr. and Mrs. Ephraim Greenwall
The Marc Haas Foundation
Marlene Hess and James D. Zirin,
Hess Foundation, Inc.
Mr. and Mrs. Charles B. Johnson
Annette Kade Charitable Trust

Helene and Mark Kaplan
Kaplan Test Prep
The Korein Foundation
Lord & Taylor
Joella and John Lykouretzos
Jennifer Mercer
Sylvain Mirochnikoff and Rebekah Mercer
Alexandra and Greg Mondre
William T. Morris Foundation, Inc.
Valerie and Jeffrey Peltier
Alan H. Rappaport,
Pearson-Rappaport Foundation
The Rice Family Foundation
Connie and Ted Roosevelt,
Whalesback Foundation
Mr. and Mrs. E. John Rosenwald, Jr.
Todd and Nobue Sandoz
Donna and Marvin Schwartz
Robert Scully and Nancy Peretsman
Mr. Walter V. Shipley
Frederick M. R. Smith,
The Fremarch Foundation
Peter and Susan Solomon,
Peter J. Solomon Foundation
Stockman Family Foundation Trust
Solon E. Summerfield Foundation, Inc.
Mr. and Mrs. Jeff Tarr
The Vidda Foundation
Wells Fargo Foundation
Judy and Josh Weston Fund
Tony and Nanar Yoseloff

\$25,000 TO \$49,999

Anonymous (1)
Acacia Conservation Fund
Mr. Andrew Baker and Ms. Anne Baker
Mr. and Mrs. Jeffrey L. Bewkes
Margaret Hess Chi and Michael Y. Chi
James Cohen and Barbara Carey
Mr. and Mrs. Charles P. Coleman III

Conservation International
Edgar M. Cullman, Jr. Family
Mr. and Mrs. George David
The Lincoln Ellsworth Foundation
Ms. Pamela Farkas
Emily H. Fisher and John Alexander,
The Stewart Foundation
Jeanne Donovan Fisher
Dr. Stanley A. Freed
Alex Goor and Sharon Kim
Susanne and Paul Graf
Mr.* and Mrs. Alan C. Greenberg
HBO, Inc.
The Walter C. Klein Foundation
Kimberly and Greg Lippmann
Amanda and Thomas Lister
Margaret Munzer Loeb and Daniel Loeb
Theodore A. Mathas
Mr. and Mrs. Thomas E. McInerney
The New York Yankees Foundation
Gerry Ohrstrom
Charles E. Phillips, Jr.
Prince Albert II of Monaco Foundation (USA)
The Prospect Hill Foundation
Mr. and Mrs. Andrew Right
Mrs. Frederick P. Rose
Janet C. Ross, J and AR Foundation
May and Samuel Rudin Family
Foundation, Inc.
The Sant'Angelo/Koval Family
Mr. and Mrs. David Shara
The Seth Sprague Educational and
Charitable Foundation
Aaron and Betty Lee Stern Foundation
Mr. and Mrs. James Stern
Epstein Teicher Philanthropies
Rosalind P. Walter Foundation
Wildlife Conservation Society
Aerin Lauder Zinterhofer and Eric
Zinterhofer

\$10,000 TO \$24,999

Anonymous (7)
Joseph and Sophia Abeles Foundation, Inc.
Daniel D. Adams and Dr. Manon Cox
Mr. and Mrs. Dwight W. Anderson
The Annenberg Foundation
Henry H. Arnhold
Ross H. Auerbach
Penelope Ayers
Rose M. Badgeley Charitable Trust
Lowell E. Baier
The Barker Welfare Foundation
Stephanie Bell-Rose
Richard A. and Amelia Bernstein
Birdlife International
Ambassador and Mrs. Alan John Blinken,
The Blinken Foundation
Buehler Aviation Research Foundation
Sherman Carll
Center For Humans and Nature
Ralph M. Cestone Foundation, Inc.
Charina Foundation, Inc.
Chervenak-Nunnalle Foundation
Louis and Virginia Clemente Foundation
The Abby and David Cohen Family Foundation
Mr. and Mrs. Bertram J. Cohn
Joseph and Joan Cullman Conservation
Foundation, Inc.
Michael and Marilyn Dee
Mr. and Mrs. Feroz Dewan
EcoHealth Alliance
Mr. and Mrs. Steven Einhorn
Mr. and Mrs. Michael B. Ferdman
Ellen V. Futter
Nancy A. Garvey
David and Kathleen Glaymon
John and Nandita Glazer
Herman Goldman Foundation
Perry and Donna Golkin

* Deceased

Andrew S. Goodwin,
Plymouth Hill Foundation
Richard Gordon
Carolyn Gould
Mr. and Mrs. Jeffrey R. Gural
Mr. and Mrs. William R. Hearst III
Michael and Sandy Hecht
Peter C. Hein and Anne Farley
The Margarita and John Hennessy
Family Foundation
Mr. and Mrs. Miguel Hennessy
Amy and John Jacobsson
Gloria F. Jarecki
Dana Wallach Jones and Michael T. M. Jones
Mr. and Mrs. Brad S. Karp
Karen Katen
The Anna-Maria and Stephen M. Kellen
Foundation
Anoush Khoshkish and Irene Miller
F.M. Kirby Foundation, Inc.
Chester Kitchings Family Foundation
Mr. and Mrs. Jonathan Korngold
Richard P. Krasnow and Nancy Meyrich
Damian Law
The Alice Lawrence Foundation, Inc.
Ms. Marta J. Lawrence
Shelly B. Lazarus
Will and Mary Leland
The Leon Levy Foundation
Mary D. Lindsay
Yen Liow and Eeling Lim
Mr. and Mrs. James M. Lober
Phyllis Mailman
Frank Markus
V. and L. Marx Foundation
Mr. and Mrs. David E. Massengill
Diane and Adam E. Max
Mr. and Mrs. Eugene R. McGrath
Mr. and Mrs. Arthur Douglas Melamed
R. K. Mellon Family Foundation

Mr. and Mrs. William Michaelcheck
Marion Moore Foundation, Inc.
C. Jay Moorhead Foundation
David K.A. Mordecai and Samantha
Kappagoda
Mr. and Mrs. Laurence J. Nath
National Geographic Society
Mr. and Mrs. Daniel A. Neff
Oceanic Heritage Foundation
Nancy and Morris W. Offit
Valerie and Wright Ohrstrom
Miliary Olson and Steven B. Cohen
Barbara Page and John Liu
Richard D. Parsons,
The Parsons Family Foundation
Peter G. Peterson and Joan Ganz Cooney
The Marjorie Merriweather Post Foundation
Joanne and Paul Prager
Mr. and Mrs. George Rohr
Jonathan F. P. Rose,
Lostand Foundation
Jack and Susan Rudin,
The Rudin Foundation, Inc.
Stuart Salenger Foundation
Sarah I. Schieffelin Residuary Trust
Rob Schlein and Emily Kroenlein
Adolph and Ruth Schnurmacher
Foundation, Inc.
Mr. and Mrs. Devesh Shah
Neal and Jacqueline Shear
Sidney, Milton and Leoma Simon Foundation
Mr. Cody J. Smith
John Ben Snow Memorial Trust
Mrs. Charline Spektor
Dr. Neil Stahl and Dr. Jayne Raper
Jane and Frances Stein Foundation
Dr. Ian M. Tattersall
Melissa Thomas and David Koepf
Mr. James B. Tost
Judson B. Traphagen
Christine A. Varney

Mr. Ernest M. Von Simson and
Ms. Naomi O. Seligman
Marshall M. Weinberg
Edward Weisselberg
Laura B. Whitman and Thomas C. Danziger
Elizabeth H. Williams
Dr. and Mrs. Sankey V. Williams
Mr. and Mrs. Herbert S. Winokur
Yale University
The Donald and Barbara Zucker
Foundation, Inc.

\$5,000 TO \$9,999

Anonymous (6)
Mary and Allen G. Aaronson
Mr. and Mrs. Jason Ader
Jody and John Arnhold
Mr. and Mrs. Peter A. Aron
Asian Cultural Council
Jonathan Babkow and Maia Rubin
Mr. and Mrs. Uzi Benabraham
Craig Bergstrom and Victoria Weld-
Bergstrom
Mr. and Mrs. Robert Biggar
Mr. and Mrs. Richard S. Braddock
Mr. Christopher Bray
Jennifer Bruder Lavin and Edward Lavin
Reverend and Mrs. C. Frederick Buechner
Walter W. and Barbara I. Carey
Raymond G. Chambers,
MCJ Amelior Foundation
The Clifford-Levy Family
Colbert Family Fund of Coastal Community
Foundation of SC
W. Brent Dewar and Carolina Nakiri
The Max and Victoria Dreyfus
Foundation, Inc.
Mr. and Mrs. Larry D. Droppa
Ducommun and Gross Family Foundation
Douglas and Susanne Durst
Elizabeth Eginton

Elephant Rock Foundation
ESF College Foundation
Cece and Richard Fabbro
Lauren and Brian Frank
Mr. and Mrs. Lewis Frankfort
Tracy Fu and Sharon Wee Fu
Mr. and Mrs. Lawrence Furtsch
The Gardner Grout Foundation
Mr. and Mrs. Arthur Gelfand
Mr. and Mrs. Scott Gewirtz
The Glickenhau Foundation
Mr. and Mrs. David Gochman
Daniel and Libby Goldring
Mr. and Mrs. Stephen Greenberg
Lynne and Harold Handler
Mary W. Harriman Foundation
Laura and Christopher J. Heintz
Jennifer Huntley
Aurelia Ion
Ms. Diane Jaffee
Mr. and Mrs. Michael Jaharis
Richard I. Kandel
Ms. Marilyn Katzman
Mrs. Sue Kavetas
Mr. and Mrs. J. Paul Kerwin
Helen Kimmel
Elysa Kleinhans
Judith and Edward Landrigan
The Lehoczy Escobar Family
Betty and John Levin
Judy C. Lewent and Mark Shapiro
Mr. and Mrs. Lawrence H. Linden
Mr. and Mrs. Ira A. Lipman
The Lucius N. Littauer Foundation, Inc.
Michael and Marjorie Loeb
Tamara and Kevin MacMillan
Jennifer Fritz Maitland
Dr. Bernard Malberg
Norman S. and Joanne B. Matthews

Dolly and Charles Mayer, Jr.
 Mr. and Mrs. Keith Meister
 Susan Merinoff
 Michael Smith Laboratories
 Mr. and Mrs. Robert Millard
 Dr. Diana M. Moore
 Donald R. Mullen
 Ellen J. Myers
 Ajay Narula
 Daniel and Stefanie Offit
 Mr. and Mrs. Timothy P. O'Hara
 Dr. David Orentreich
 Mr. and Mrs. Andrew Penson
 Pfeifler Family Foundation
 Mr. and Mrs. Scott Phares
 Dr. Louis B. Pieper, Jr., DVM
 Ronnie Planalp
 Quebec-Labrador Foundation
 Mr. and Mrs. Austin Ratner
 Judith and Burton Resnick
 Shaiza Rizavi and Jonathan Friedland
 David Rockefeller
 Rolex Watch USA, Inc.
 Isabel Rose
 The Alfred and Jane Ross Foundation
 Adrian Ross
 Drs. Valerie and John W. Rowe
 Bryan and Aidan Rowley
 Mr. Richard A. Rubin
 The Rudin Foundation, Inc.
 Wendy and Ian Sacks
 Jack and Anita Saltz Foundation
 Barbara Saltzman
 Mr. and Mrs. Drew Saur
 Val and Min-Myn Schaffner
 Viktoria and Alan Schragar
 Mr. and Mrs. Peter D. Selman
 Beth Kobliner Shaw and David E. Shaw
 Catherine and Andrew Sidamon-Eristoff

Mr. and Mrs. Imran Siddiqui
 Talbott and Carter Simonds Foundation
 Mr. Jonathan Sobel and Dr. Marcia Dunn
 Jeff Spychala
 Mr. and Mrs. Thomas D. Stoddard
 Mrs. Philip A. Straus
 Mark and Leigh Teixeira
 Jeannie Tseng and Colin Rust
 Tsunami Foundation, Anson M. Beard, Jr.
 and Family
 Ruth A. Unterberg
 Varnum De Rose Charitable Remainder
 Annuity Trust
 Holly Wallace
 The Leo S. Walsh Foundation
 Peter and Mary Beth Weinberger
 Ann Eden Woodward Foundation
 Mr. and Mrs. Eric Yellin
 Corrin Yep and Ned Solot
 Pia and Jimmy Zankel

\$2,500 TO \$4,999

Anonymous (6)
 Hilary W. Addington and Michael Cahill
 Ms. Linda Perry Allen
 Eric Altmann
 Jesse and Rebecca Angelo
 Rita Antanir Posin and Hana Ohayon
 Yoni Arbel and Leona Clague
 Mr. Jonathan Art
 Mr. David Charles Ash and Ms. Karen A. Ash
 Frances C. Ashley
 Mr. and Mrs. Arnold Asrelesky
 Anne H. Bass
 Martin and Maryann Baumrind
 The Honorable Lucy Wilson Benson
 Rita S. Berkowitz and Bernard S. Berkowitz
 Jason Biegel and Susan Buchner
 Judith L. Biggs
 Peter and Sofia Blanchard

William Kenneth Block
 BNP Paribas
 Mr. and Mrs. George W. Bovenizer III
 Jennifer Brorsen and Richard DeMartini
 Mr. and Mrs. George R. Bunn, Jr.
 Mr. and Mrs. Samuel C. Butler
 Mr. and Mrs. Eugene Camali
 Bruce E. Cobern
 Mrs. David A. Cofrin
 Steven and Alexandra Cohen Foundation
 Joan and Harvey Cohen
 Adrienne and Jerry L. Cohen
 Theodore and Alice Cohn
 Vanity Fair
 Romy and David Coquillette
 Lucy P. Cutting
 Mr. Rohan Dalton
 Mrs. Charles A. Dana, Jr.
 Elisabeth de Picciotto
 Mr. and Mrs. Paul del Balso
 Mr. and Mrs. J. Dennis Delafield
 Dr. Naomi Donnelley and Joe Butler
 Drumcliff Foundation
 Lisa and Sanford B. Ehrenkranz
 Mr. and Mrs. R. Bradford Evans
 Charles A. Fritz III
 Jay M. Furman
 Chad Gallant and Barbara Becker
 Peter Gartland
 Scott Geller
 Mr. and Mrs. Elbridge T. Gerry, Jr.
 Alexandra Gardiner Goelet
 Mr. and Mrs. Aaron J. Goldberg
 Michael and Anne B. Golden
 The Goldie Anna Charitable Trust
 Eugene and Emily Grant
 Phyllis Green and Randy Cowen
 Agnes Gund
 Mr. and Mrs. Robert G. Gutenstein

Mr. and Mrs. Theodore Hartley
 Kim and Alan Hartman
 Kyle Haug
 Craig Hauser
 Anya C. M. Herz and Dr. Andrew Shiva
 Carolyn Hickman and John R. Campbell III
 Mr. and Mrs. John Holmes
 Mr. and Mrs. John E. Hull
 Mr. Thomas C. Jackson
 The Janet Stone Jones Foundation
 Max Kade Foundation, Inc.
 The Honorable Thomas H. Kean
 Joan A. Kedziora, M.D.
 Henry Kibel
 Mr. and Mrs. Isaac Kier
 Mr. and Mrs. Len Kogan
 Andrea Krantz and Harvey Sawikin
 Mr. and Mrs. David Lederman
 Sidney and Helaine Lerner
 The Irene Levoy Foundation, Inc.
 Mr. and Mrs. William Milton Lewis, Jr.
 Hans Li and Jennifer Kouvant
 Mr. and Mrs. Peter L. Malkin
 Tom Marshall and Kathy Keneally
 Constance and H. Roemer McPhee
 Ira and Susan Millstein
 Cynthia Mitchell and Joseph Mitchell
 Mr. and Mrs. Alexander Morcos
 National Film Preservation Foundation
 David Shaw Neill
 Amy P. Neu and Daniel Scheman Neu
 Stephanie and Herbert Neuman
 Mr. and Mrs. Samuel I. Newhouse III
 Roy and Jenny Niederhoffer
 Mr. and Mrs. Martin Okner
 Mrs. William Oppenheim
 Susan Packie
 Chips and Sarah Page
 Mr. and Mrs. Kent R. Papsun

Mr. and Mrs. Andrew M. Paul
 Dr. M. Lee Pearce
 Susy Pestana and Dan Jensen
 Brian Pitz and Brinlea Johnson
 Mr. and Mrs. Louis F. Polk, Jr.
 Mr. and Mrs. Arthur Prince
 Jamie and Phil Prince
 Princeton University
 Judy Rasmuson
 John R. Robinson and Barbara Robinson
 Family
 Susan and David Rockefeller
 Felix and Elizabeth Rohatyn Foundation, Inc.
 Alfred and Ann Ruesch
 Andrew Sabin Family Foundation
 Mr. and Mrs. Andrew Safran
 Patricia E. Saigo, M.D.
 Ms. Marlene Sandler
 Mr. and Mrs. Dennis Santella
 Ms. Christine Sare
 Edward D. Schmidt*
 Mr. and Mrs. Ross E. Schulman
 Sara Lee and Axel Schupf
 Evelyn Sharp Foundation
 Elizabeth Sidamon-Eristoff and Hunter Lewis
 Esther Simon Charitable Trust
 Mr. and Mrs. Henry J. Singer
 Dr. and Mrs. Peter Som
 Jeffrey and Sarah Stafford
 Linda and Bill Starzman
 Mr. and Mrs. William C. Sterling, Jr.
 Stop & Stor Charitable Fund
 Darlene Thoroughgood
 Barbara and Donald Tober
 Bernardette Vaskas
 Maria T. Vullo
 Evelene Wechsler
 Mr. Sidney S. Whelan, Jr. and Ms. Anne S.
 McCook
 The Whitehead Foundation

Mr. and Mrs. Andrew Wiener
 Mr. and Mrs. Mitchell G. Williams
 Migs Woodside
 Mr. and Mrs. Nat Zilkha
 Robert and Victoria Zoellner

\$1,000 TO \$2,499
 Anonymous (15)
 Carol and Robert Abrahams
 Acorn Hill Foundation
 Matt H. Ahrens and Erin Smith Ahrens
 M. Bernard and Elsie V. Aidinoff
 Mr. and Mrs. Alan Alda
 Mrs. Josephine Alger
 Nicole Alger and Zachary Karabell
 Jose and Mary Alvarado
 Stephen and Madeline Anbinder
 Karl Anderson and Marissa Shorestein
 Mr. and Mrs. Keith Anderson
 Ben Appen and Leslie Chang
 W. G. Arader III
 Vera Miller Aryeh
 Kym Aughtry
 Lawrence T. Babbio, Jr.
 Mrs. Ellen Bach
 Elizabeth P. Ball
 Tia S. Barancik and Gregory S. Barancik
 Dora Barlaz and Noah Hanft
 Sheila and David Barrett
 Mr. and Mrs. Thomas M. Barry
 Reginald R. and Jameson A. Baxter
 The Howard Bayne Fund
 Dr. Kathryn and Mr. Bruce Beal
 Mr. Michael T. Bebon and Ms. Barbara
 Rosenberg
 Mick J. Beekhuizen
 Melvin Belsky*
 Ms. Sarah Belz
 Madeleine Bennett
 Mr. Peter B. Bernhardt

Elaine S. Bernstein and Erika Bernstein Kelble
 Mike and Jackie Bezos
 Kurt and Susan Bjorklund
 Lauren Blum and C. William Merten
 Mr. and Mrs. John Bognacki
 Mr. and Mrs. Michael R. Bonsignore
 Mr. John A. K. Bradley
 Mr. and Mrs. Michael J. Branca
 Mr. Christian Brause
 Catharine O. Broderick and Henry U. Harris III
 Mr. and Mrs. Clyde Brownstone
 John H. Buckner
 Marcia Bull and A. Bliss McCrum
 Judith and Robert Burger
 David Campanile and Heather Tait
 Matthew Cantor
 Mr. and Mrs. Carlos F. Carballo
 Robert B. Carey
 Barbara Carlino
 Mr. and Mrs. Steven J. Carriere
 Mr. David Catalano
 Mr. and Mrs. Gerald Chait
 Stephen P. Chang
 Beverly and Herbert Chase
 Nina Chen
 Cathy Chernoff
 Ms. Kelly Chiu
 Mr. and Mrs. Michael Cho
 Mr. Donald K. Clifford, Jr.
 Ms. Jessica Coggins
 Mr. and Mrs. Peter A. Cohen
 Mrs. Marie H. Cole
 Mr. Eric Collazo
 Columbia University
 Mr. and Mrs. Michael W. Conboy
 Mr. William J. Constantine and Ms. Margaret
 Wellington
 Victoria Costa and Jacob Carl Zydney
 Ms. Anne F. Cowett
 The Cowles Charitable Trust

Susan R. Cullman and John Kirby
 Drs. Lawrence and Eileen Cutler
 Genevieve Da Silva and L. Schellie Archbold
 Mr. Paul S. Daniels and Dr. Stephen E. Cole
 Mr. and Mrs. Michael Danziger
 Judy and Kim Davis
 Mary G. Davis
 Shelia M. Davis and Dr. Irv Kron
 Elizabeth De Cuevas
 Mr. and Mrs. Thomas de Neufville
 Mr. and Mrs. Marc de Saint Phalle
 Mr. David H. De Weese and Ms. Anne C.
 Heller
 Christine Denham and Robert W. Stein
 Christopher Denicolo
 Mr. and Mrs. Rohit M. Desai
 Mr. and Mrs. Dinyar Devitre
 Sherie Dick
 Robert and Marti Dinerstein
 Krystyna Doerfler
 Ms. Constance Dry
 Edmund C. Duffy
 Marybeth Dunham and Charles Mayfield, Jr.
 Allan Duran
 Adnan A. Durrani and Dolores M. Paoli
 Ralph and Laura Durso Foundation
 John F. Eagan
 Mr. and Mrs. John L. Eastman, Jr.
 Dr. Donald A. Ellis and Ms. Sherry S. Chang
 Niko Elmaleh
 Lita and Walter Elvers
 John and Deborah Evangelakos
 Edith Everett,
 The Everett Foundation, Inc.
 Mr. and Mrs. Philip A. Falcone
 Florence Fearington
 Joel C. Feffer
 Mr. and Mrs. Herbert Feinberg
 Mr. and Mrs. Leonard Feinstein
 Martha Feltenstein

* Deceased

Frank Finkel	Mr. Pat Gunn	Mr. and Mrs. Donald M. Kendall	Mr. and Mrs. Stephen R. Manheimer
Christopher Fiore	Mr. Bert Gunter and Ms. Roberta Davis	Mr. and Mrs. Edward Kerschner	Ms. Pamela Manice
Holley and Russell Flagg	Mr. Oliver Haker	Dr. and Mrs. Hoshang J. Khambatta	Mr. Scott Mannis
Mrs. Lawrence A. Fleischman	Mses. Trish and Hannah Hamlin	Ms. Amy Khoudari and Ms. Frances Greenstein	Mr. Alan Manocherian and Ms. Nancy Manocherian
Mr. and Mrs. John K. Flynn	Sidney and Jane Harman Foundation	Charles and Jane Klein	Barbara Manocherian
Ellen L. Fogle	Ralph K. Heide	Kleinick Family	Mr. and Mrs. Louis Marinaccio
Ms. and Mr. Lindsay Forbes	Dr. and Mrs. George F. Heinrich	Mr. and Mrs. Mark Kleinknecht	Mr. and Mrs. Bryce A. Markus
Robert Fraley	Heins Family	Ms. Judy Koch and Ms. Barbara J. Eler	Kevin Marrinan
Mrs. Thomas W. Frank	Marian S. Heiskell	Mr. and Mrs. Brian Korchin	E. D. Massmann and N. Vesely
B. Harrison Frankel	Joy Henshel	Mr. Justin Korsant	Dr. Kevin McAuliffe and Dr. Katharine Frase
Mrs. Henry Clay Frick II	Alexandra and Paul Herzan	Jeremy R. Kramer and Dorothy Rebecca Davies	H. B. McEver
Mr. and Mrs. J. Michael Fried	CAPT Deborah Ann Hinkley, MC, USN	Mr. George H. Krauss	Mr. W. Jameson McFadden
Peter Hess Friedland	Mr. and Mrs. Kenneth Hipkins	Dorothy and David Kroenlein	Mr. and Mrs. Todd Medovich
Friedman Family Foundation	Ms. Alice M. Hirsh	Mr. and Mrs. Tomislav Kundic	Eugene Mercy, Jr.
Suzanne Frye, M.D.	Mrs. Frank W. Hoch	Elizabeth and Robert La Blanc	Mr. and Mrs. David Messer
Anna B. Carlson and William Gannett	Dr. Myron A. Hofer and Dr. Adeline Hofer	Peter and Deborah Lamm	Emanuel Michael
Ellen and Alex Gertsen	Mr. and Mrs. Leo Hollein	Joseph Laraia and Dr. Mary Motyl	Mr. and Mrs. Eric Mindich
Mr. and Mrs. S. Parker Gilbert	Ricardo Hornos and Lisa Kohl	The Larkin Family	Sandra C. and Lowell A. Mintz
Tom and Marjorie Gilbert	Peter Hutchings and Martha Wolfgang	The Leonard and Evelyn Lauder Foundation	The Leo Model Foundation, Inc.
Jordan Glaser and Hazel Weiser	Adele Ilberman	Ambassador and Mrs. Ronald S. Lauder	Mr. and Mrs. Vikram Mody
Dr. Paul W. Glimcher and Dr. Barbara Knapmeyer	Mr. and Mrs. Hugh Jackman	Nora Lavori	Eben Moglen
Mr. and Mrs. Scott Golden	John Mary and Bernard Jacobs Foundation, Inc.	Ellen Leef-Sherrow and Michael Sherrow	Frederick Montana
Mr. and Mrs. Aaron Goldman	Anita and Robert Jacobson	Mr. and Mrs. Frederic I. Leif	Mr. and Mrs. Joel Montgomery
Lawrence Golub	Fern Jaffe	Kurt F. Leopold	Mr. and Mrs. Gianni Moor
Jose Gonzalez and Stephanie Kostuk	Richard A. Jalkut	Mr. and Mrs. Beau Lescott	James and Jane Moore
Mr. Michael Gordon	Mr. and Mrs. Morton Janklow	Mr. and Mrs. D. Roger B. Liddell	Mr. and Mrs. Lee J. Morakis
Ann and Melissa Gottlieb	Mr. and Mrs. Vladimir Jelisavcic	Ms. Billie Lim and Mr. Stephen Ifshin	Mr. and Mrs. William F. Morrill
Mr. and Mrs. Bruce Gray	Drs. Ramesh and Lajwanti Jhaveri	Mr. Ellis Lindsey	Mr. and Mrs. Lester S. Morse
William Green and Alyson Adler	Manjiree Jog and Viral Acharya	Fritz and Lee Link	Mr. and Mrs. John C. Mowinckel
Kim and Jeff Greenberg	Mr. and Mrs. Ian G. John	Amy and Steve Lipin	Honorable Lillian Nicolosi Nall
David J. Greene Foundation, Inc.	Joseph Family Charitable Trust	Mr. and Mrs. Scott Litman	Mr. Tom Neff and Mr. Lyndon Haviland
Mr. and Mrs. Stewart Greenfield	Joseph Kahn and Shannon Wu	Joe and Clare LoCicero	Mrs. Norman D. Newell
Gail Gregg	Ms. Cathy A. Kalahar	Arthur L. Loeb	Maria Niarchos and Stephane Gouaze
Dr. and Mrs. Walter C. Griggs	Patricia and Paul D. Kaplan	Carol A. Loewenson and Andrew J. Levander	Bruce Nicholas
Teresa Grimm	Suri Kasirer and Bruce Teitelbaum	Mr. and Mrs. Alvin Loshak	Mr. and Mrs. Jeffrey P. Nitka
Mr. and Mrs. Alexander Grinberg	Mr. and Mrs. Michael A. Kaufman	Mrs. Jane C. MacElree	Jeff Norton and Romona Norton
Loomis J. Grossman, Jr.	Earle W. Kazis	Mr. and Mrs. Robert MacNeil	Mr. and Mrs. Jamal Nusseibeh
Aryn and Matt Grossman	Mr. and Mrs. Robert W. Kean	Mr. and Mrs. James I. Magid	William S. Nye
Frank and Joanne Gumper	Norman Keller	Dr. and Mrs. Roy S. Malpass	Mr. and Mrs. David O'Brien
	Bicky and George Kellner		

Mr. Nick Ogurtsov and Ms. Desi Eagan
 Mr. and Mrs. Donald Oresman
 Jonathan Orser
 Arthur Ortenberg
 Dorothy C. Pack
 Nicole and Bruce Paisner
 Susan and Gregory Palm
 Trudy and Charlie Parton
 Rafael Pelli and Kate Walbert
 Mr. and Mrs. Harlan Peltz
 Dr. Vinh Philip Pham and Dr. Andrea Liria Nicolás
 Ms. Michele Philip
 Mr. and Mrs. Zachary O. Pomerantz
 Earl and Deborah Potter
 Anna Quindlen and Gerry Krovatin
 Daniel Quinn and Anna Rita Quinn
 Mary Morrow Quintilian
 John Rachwalski and Jessica Yau
 Paul E. Raether
 Mr. and Mrs. Shikhar Ranjan
 Mr. and Mrs. Richard Reiss
 Mr. Dominic Ricci and Ms. Jennifer Stalec
 Jonathan Right and Jessica Cosmus
 Sheila J. Robbins
 Sascha M. Rockefeller
 Cynthia Rogers
 Al Roker and Deborah Roberts
 Theodore Roosevelt Association
 Elizabeth E. Roosevelt
 Mr. and Mrs. John Rorer
 Susan and Elihu Rose Foundation
 Candice Bergen and Marshall Rose
 Gaelin Rosenwaks
 Mr. and Mrs. Cy Ross
 Gail Ann Rothman
 Mr. and Mrs. Donald Rubin
 Rubin-Ladd Foundation, Robert Walzer and Ann Walzer, Co-Presidents
 Dr. and Mrs. Otto and Maria Sabando
 Bonnie L. Sacerdote

Dr. and Mrs. Peter Salgo
 Elaine L. Saul
 Charles V. Schaefer
 Rita and Joseph B. Scheller
 Mr. and Mrs. Robert L. Schwartz
 Mr. and Mrs. Jonathan Schwartz
 Mr. and Mrs. Robert G. Scott
 Urling Iselin Searle
 Paul Seid and Mary Wilhelm
 Mr. Nikhilesh Sekhar
 Tatiana Serafin and Mick Kalishman
 Ms. Rosalind Seysses
 Dr. Yelena Shafeyeva
 Pamela and Mel Shaftel
 Shake Shack
 John M. Shapiro and Shonni J. Silverberg
 Steven and Karen Shapiro
 Andrea Sharkey
 Mr. and Mrs. David A. Sheehan
 Barry A. Shenkman
 Rochelle and Jesse Shereff
 Mr. Michael Shoemaker
 Ian Shrank and Alexandra W. Logue
 Marlys Silver
 Boon Sim and Shiuan Wu
 Skadden, Arps, Slate, Meagher & Flom LLP
 Mr. and Mrs. John Slapp
 Melissa A. Slaybaugh
 Mr. and Mrs. Robert Smigel
 Mr. and Mrs. Derek Smith
 Marc Solomon
 Constance G. Spahn
 Honorable Joyce L. Sparrow
 Mr. John C. Spratt
 Ms. Laila Srouji and Mr. Tarek Srouji
 Mr. and Mrs. Shad Stastney
 Esta E. Stecher
 David B. Sterling
 Marc Stern and Kimberly Yellin
 Ms. Deborah Stewart and Mr. James Mintz

William P. Stewart
 Daniel L. Stoddard
 The Leila & Mickey Straus Family Charitable Trust
 Lee and Roger Strong
 Guy Miller Struve and Marcia Mayo Hill
 Arlene and Joseph Stuhl
 Arthur Ochs Sulzberger, Jr.
 Dr. P. R. Sundaresan
 Julie Kohn and Dan Swift
 Dr. and Mrs. Victor Syrmis
 Jeffrey Taback and Inanna Donnelley
 Paul and Chandler Tagliabue
 Mr. and Mrs. Jeff Tarr, Jr.
 Ms. Aileen Teh
 Mr. and Mrs. Kenneth L. Telljohann
 Ann Tenenbaum and Thomas H. Lee
 Mr. Charles E. Thomas
 Roger Tilles
 The Tolan Family
 D'Vera Topol
 Ms. Virginia Tracy
 Ms. Kelly Trahan
 Alexander and Catherine Traykovski
 Jean and Raymond Troubh
 Michael Tuch Foundation
 Mr. Zachary K. Turner
 Mr. and Mrs. John van Merkensteijn
 Mr. Richard C. Vermillion III and Dr. Julia Ott
 Joyce P. and Diego R. Visceglia Foundation
 Grace, Sharon, and Alex Volckhausen
 Diane Von Bargen
 Sue and Edgar Wachenheim III
 Ms. Naomi Waletzky
 Mr. and Mrs. Andrew Wallach
 Marjory S. Walters
 Alice Wang and Peter Spiegelman
 Debra Wasserman and Jason Glasser
 Mr. Donald Watros
 Dorothy Watson and Marjorie O. Watson

Mrs. John L. Weinberg
 Earl D. and Gina Ingoglia Weiner
 Mr. and Mrs. J. Fred Weintz, Jr.
 Dr. Samuel Weisman and Dr. Nancy Crown
 Mr. and Mrs. Stephen Weiss
 Mr. and Mrs. David Westin
 Robert W. and Donna T. Whiteford
 Mary Louise Whitmarsh
 Jarvis and Coke Anne Wilcox
 William E. Willis
 Mr. and Mrs. David S. Wilner
 Mr. and Mrs. Iain Wilson
 Michael Wilson
 Peter S. Wilson and Scott K. Sanders
 Lisa and Richard Witten
 Mr. and Mrs. Jacob Wolfson
 Mr. David Wood
 Jerry Yang
 Mr. Ning Yao and Ms. Lauren Elliston
 Richard Yau
 Janet B. York
 Thomas and Virginia Young
 Mr. and Mrs. Stanley Zabar
 Martin Zaretsky
 Ms. Sigita Zibas and Mr. Kenneth Simone
 Mr. and Mrs. Robert S. Zuccaro

CORPORATE PATRON PROGRAM

Anonymous (2)
 Accenture
 AIG
 American Express Company
 AT&T
 Automatic Data Processing
 AXA Equitable
 Bank of America
 BNY Mellon
 Bloomberg

Bloomington's Fund of the Macy's Foundation
 Bluemountain Capital Management, LLC
 Bonnier Corporation
 Canon U.S.A., Inc.
 Capital One Bank
 Chase Private Client
 Citi Foundation
 Coldwell Banker Real Estate LLC
 Colgate-Palmolive Company
 Comcast Spotlight
 Condé Nast Publications
 Con Edison
 Cravath, Swaine & Moore LLP
 Credit Suisse
 Charles A. Dana Foundation
 Deerfield Management Company
 Deutsche Bank
 Direct TV
 DSM Nutritional Products Inc
 Emigrant Savings Bank
 Ergobaby Carrier, Inc.
 Ernst & Young
 First Eagle Investment Management Foundation
 First Manhattan Co.
 General Atlantic LLC
 General Electric Industrial Systems
 GoldenTree Asset Management, LP
 Goldfarb & Fleece
 Goldman, Sachs & Co.
 Golub Capital
 Google Inc.
 Greenlight Capital, Inc.
 G-Star Raw C.V.
 The Guardian Life Insurance Company of America
 Hearst Corporation
 HSBC Bank USA, N.A.
 IBM International Foundation
 ING

ITOCHU International Inc.
 John Wiley & Sons, Inc.
 Johnson & Johnson
 JPMorgan Chase & Co.
 KPMG
 The Estée Lauder Companies Inc.
 Lockheed Martin
 Loews Corporation
 Marsh & McLennan Companies, Inc.
 Marubeni America Corporation
 Mattel, Inc.
 McGraw-Hill Education
 McGraw Hill Financial
 McKinsey & Company, Inc.
 MetLife, Inc.
 Mitsubishi International Corporation
 The Moody's Foundation
 Morgan Stanley
 The National Football League
 The New York Times Company
 New York Life
 News Corporation
 Nike, Inc.
 Ogilvy & Mather Worldwide
 Oracle Corporation
 Orrick, Herrington & Sutcliffe LLP
 Random House
 PepsiCo Inc.
 Pfizer Inc.
 Providence Equity Partners
 Restaurant Associates
 Roche
 The Rockefeller Group
 Sony Corporation of America
 Stifel
 Sumitomo Corporation of America Foundation
 Tiffany & Co.
 Tiger Global Management, LLC
 Time Inc. Affluent Media Group
 Time Warner

Time Warner Cable
 Tory Burch, LLC
 Toyota
 TuliWorld Services, Inc.
 Two Sigma Investments LLC
 UBS
 Unilever
 W. P. Carey Foundation
 The Walt Disney Company
 Warner Bros. Pictures Domestic
 Weil, Gotshal & Manges LLP
 White & Case
 H. W. Wilson
 Xerox Foundation
 Xylem, Inc.
 Zubatkin Owner Representation

SUPPORTERS OF SPECIAL EVENTS

\$250,000 TO \$499,999
 Accenture

\$100,000 TO \$249,999
 Citi
 Christopher C. Davis, Shelby Cullom Davis Charitable Fund
 Hearst Corporation
 Marlene Hess and James D. Zirin, Hess Foundation, Inc.
 Allison and Roberto Mignone
 Anna Chapman and Ronald O. Perelman
 Drs. Marilyn and James H. Simons
 Tishman Speyer
 Leslie and Daniel Ziff

\$50,000 TO \$99,999
 Anonymous (1)
 21st Century Fox
 Roger Altman and Jurate Kazickas

Jill and Lewis Bernard, Mariposa Foundation
 Bloomberg
 Scott and Roxanne Bok, Bok Family Foundation
 Mr. and Mrs. Stephen B. Burke
 Comcast Corporation
 Mr. and Mrs. Steven A. Denning, The Sage Foundation
 Nancy B. and Hart Fessenden
 Mr. and Mrs. David Foley
 David and Kathleen Glaymon
 David S. and Ruth L. Gottesman, The Gottesman Fund
 Graff Diamonds (U.S.A.) Inc.
 Mr. and Mrs. Thomas L. Kempner, Jr.
 Joella and John Lykourietzos
 Linda R. and William E. Macaulay
 Anne and Charles H. Mott
 Mr. Thomas S. Murphy
 New York Life
 Charles E. Phillips, Jr.
 Laura Baudo Sillerman, The Tomorrow Foundation, Inc.
 Peter and Susan Solomon, Peter J. Solomon Foundation

\$25,000 TO \$49,999
 The Coca-Cola Company
 Mr. and Mrs. Charles P. Coleman III
 Mr. and Mrs. Peter Daneker
 Vivian H. Donnelley, Strachan Donnelley Family Charitable Lead Unitrust
 Jodie and John Eastman
 The Red Crane Foundation
 Mr. and Mrs. Thomas Glocer
 Sloan and David Greenspan
 John and Amy Griffin
 Jessica and Drew Guff
 Hess Corporation
 JPMorgan Chase & Co.

Mr. Richard S. LeFrak,
The Richard S. and Karen LeFrak
Charitable Foundation, Inc.

Kimberly and Greg Lippmann
Lord & Taylor

Ms. Heather Sue Mercer
Jennifer Mercer
Sylvain Mirochnikoff and Rebekah Mercer

Alice and Lorne Michaels
Mr. and Mrs. Don Morgan
Morgan Stanley
Valerie and Jeffrey Peltier
Peter J. Solomon Company, L.P.
PJT Partners LP

Mr. and Mrs. Andrew Right
Sue Dickey and Tim Rooney
Jack and Susan Rudin,
The Rudin Foundation, Inc.

Mr. and Mrs. Robert K. Shaye
Sony Pictures Entertainment
Tiffany & Co.
Time Warner

Dr. Lauren Tobe and Mr. Russell Sacks
Susan S. and Kenneth L. Wallach Foundation
Wells Fargo & Company
Tony and Nanar Yoseloff

\$10,000 TO \$24,999

Anonymous (1)
Alcoa
AXA Equitable
Bank of America
Barclays
Mr. and Mrs. Peter Boris
Tom and Meredith Brokaw,
The Brokaw Family Foundation
Mr. and Mrs. James J. Burke, Jr.
City Pass
Con Edison
Archibald Cox, Jr.
Davis Polk & Wardwell
Katherine E. Dietze and William Heyman

Cleveland H. Dodge Foundation, Inc.
Richard Gilder, Gilder Foundation, Inc.
Georgia and Don Gogel
Sibyl R. Golden
Carolyn Gould
Mr. and Mrs. Stephen Greenberg
Mr. and Mrs. Carney Hawks
HBO, Inc.
Mr. and Mrs. Michael A. Kaufman
The Peter and Eaddo Kiernan Foundation
David H. Koch
Mr. and Mrs. Gregory Kwiat
Catherine and Jeff Lignelli
Lippincott & Margulies
Loeb & Loeb LLP
Margaret Munzer Loeb and Daniel Loeb
Mr. and Mrs. Louis Marinaccio
Theodore A. Mathas
Patti Smyth and John McEnroe
Mr. and Mrs. John F. Megrue, Jr.
Mr. and Mrs. Keith Meister
Mr. and Mrs. Richard Mishaan
Alexandra and Greg Mondre
Mr. James L. Nederlander
Mr. and Mrs. Richard Portogallo
Alan H. Rappaport,
Pearson-Rappaport Foundation
Restaurant Associates
Julian Robertson
Amy Taylor and Nelson A. Rockefeller, Jr.
Candice Bergen and Marshall Rose
Saturday Night Live
Ralph Schlosstein,
Schlosstein-Hartley Family Foundation
Constance G. Spahn
Thomson Reuters
Rosanna Troiano and John Troiano
Mr. and Mrs. William B. Tyree
Dr. and Mrs. Roy P. Vagelos
Judy and Josh Weston Fund
Mr. and Mrs. Nat Zilkha

\$5,000 TO \$9,999

Anonymous (1)
Henry H. Arnhold
BNY Mellon
Mr. and Mrs. Zachary Berger
Claire E. Bernard
Jennifer Bruder Lavin and Edward Lavin
Raymond G. Chambers,
MCJ Amelior Foundation
Mr. and Mrs. Dev Chodry
Mr. Arie S. Crown
Mr. and Mrs. Robert deVeer III
Joe and Diana DiMenna
Mr. and Mrs. Michael Doheny
Catherine Zeta-Jones and Michael Douglas
Mr. Jay P. Eisenhofer and Ms. Anne P. Jameson
Niko Elmaleh
Emerson, Reid & Co.
Event Network
Mr. Kevin Ferro
Victor F. and Patricia M. Ganzi
Nancy A. Garvey
Mr. and Mrs. Ken Giuriceo
Daniel and Libby Goldring
Mr. and Mrs. Carlos Guzman
Lynette and Richard Jaffe,
The Jaffe Family Foundation
Mr. Eric M. Javits, Jr.
Dana Wallach Jones and Michael T. M. Jones
Mr. and Mrs. James Jarrett Joyce, Jr.
Mrs. Harry L. Kavetas
Elysbeth Kleinhans
Mr. and Mrs. Michael Koester
Mr. and Mrs. Jonathan Korngold
Mr. Justin Korsant
Andrea Krantz and Harvey Sawikin
Mr. and Mrs. Jonathan Kurpis
Mr. and Mrs. Cliff Lanier
Ms. Melanie Lazenby
Mr. and Mrs. Alvin Loshak
Dr. Jennifer Mascarenhas and Mr. Wade Davis

Mr. Seth Meyers
Mrs. Henry W. Middleton
Mr. and Mrs. Edwin Morgens,
The Wildwood Foundation
Nicholson & Galloway, Inc.
Mr. and Mrs. Timothy P. O'Hara
Mr. and Mrs. Michael Patterson
Paulson & Co.
Mr. and Mrs. Michael Reiss
Shaiza Rizavi and Jonathan Friedland
Mr. and Mrs. Jonathan Schulhof
Charlotte and Ottavio Serena di Lapigio
Mr. Peter Shapiro
Beth Kobliner Shaw and David E. Shaw
Frank V. Sica
Catherine and Andrew Sidamon-Eristoff
Mr. and Mrs. Jeffrey Silverman
Mr. and Mrs. Roy Smith
Mary and David Solomon/GS Gives
Ms. Alexandra Steel
Mr. Donald Sussman
Jennifer Sutherland
Drs. Charles and Alisa Thorne
Mr. and Mrs. Keith Wallach
Mr. Timothy Wallach and Ms. Fleur Fairman
Ali E. Wambold and Monica Gerard-Sharp
Zubatkin Owner Representation
The Donald and Barbara Zucker Foundation, Inc.

**CORPORATE AND
FOUNDATION
MATCHING GIFTS**

\$10,000 TO \$24,999

Con Edison
Merck & Co., Inc.

\$5,000 TO \$9,999

Bristol-Myers Squibb Company
ExxonMobil Foundation

\$2,500 TO \$4,999

GE Foundation
IBM International Foundation
Johnson & Johnson

\$1,000 TO \$2,499

Altria Group, Inc.
Assured Guaranty Corp.
BNY Mellon
Sidney and Jane Harman Foundation
Goldman, Sachs & Co.
Jefferies Group, Inc.
McGraw Hill Financial
The Moody's Foundation
Pfizer Inc.
The Prospect Hill Foundation
Samlyn Capital, LLC

**PLANNED GIVING DONORS
(JESUP SOCIETY)**

Anonymous (35)
Mrs. Arlene Abrams
Ms. Roberta Adelman and Mr. Fred Adelman
Mr. and Mrs. Leslie Allen
Dr. and Mrs. Robert A. Altman
Dr. and Mrs. Sydney Anderson
Dr. Rudolf G. Arndt
Ms. Robyn J. Asimov
Mr. and Mrs. Arnold Asreslky
Mr. Robert Atwater
Ms. Patricia Azeltine
Ms. Ashanda Balderas
Mr. Frank M. Bamberger
Mr. Isaac H. Barkey
Ms. Carolina Baron
Ms. Linda Barrett
Ms. Helen Baumhofer
Mr. David Baxter
Ms. Joan L. Benson

The Honorable Lucy Wilson Benson
Mr. Herbert C. Bernard
Mr. Robert Bethge
Ms. Anne Blatt
Dr. and Mrs. Donald Blaufox
Mr. Louis H. Blumengarten
Mr. Lynn A. Bohlin
Mr. and Mrs. Robert Braun
Ms. Beatrice Brewster
Mr. Peter Brizard
Mr. Kenneth A. Bronston
Mr. and Mrs. Michael Buckner
Mr. Sherman B. Carll
Mr. Peter J. Cerasaro, Jr.
Mr. and Mrs. Kenneth A. Chambers
Rev. Chawanda Charae
Ms. Carolyn M. Chave and Ms. Chloe Hall
Ms. Anita Child
Ms. Winifred C. Chin
Mr. Michael J. Chusmir
Mr. Sean Olstad Cleary and Ms. Margaret Olstad Cleary
Mr. Donald K. Clifford, Jr.
Ms. Myrna Coffino
Ms. Barbara Cohen
Mr. and Mrs. Theodore Cohn
Dr. Charles J. Cole and Ms. Carol R. Townsend
Mrs. Marie H. Cole
Mr. and Mrs. John Colgrove
Ms. Danica Cordell-Reeh
Ms. Victoria Costa and Mr. Jacob Carl Zydney
Dr. Susan Cropper
Dr. Virginia L. Cunningham
Mr. and Mrs. James E. Davies
Ms. Carol Davies-Gross and Mr. Abie Gross
Mr. Anthony Delbove
Mrs. Ruth Dickler
Mr. David A. Dorfman
Mr. Christopher J. Durso
Mr. Gabriel H. Ebersole

Mr. Howard Einbinder and Mrs. Jo Ellen Loth
Dr. B. Elvers and Ms. Lita Elvers
Mr. Richard Everett
Mr. and Mrs. Sandor Ezrovics
Dr. Mary Ellen Fahs
Mr. Norman Fately
Mrs. Phyllis Feiden
Mr. Dennis R. Ferguson
Ms. Inge Fischer
Stuart Fischman, Esq.
Mr. Alan Fleischer and Ms. Martha S. Fleischer
Ms. Stephanie Fogel
Mr. and Mrs. Julius Frazier
Miss Mignon Ganne
Mr. Roland Ginzel
Mr. William A. Glaser and Mrs. Gilberte Vansintejan-Glaser
Mr. Richard Gordon
Mr. Michael Goudket
Mrs. Anne Gouldsbury
Mr. Peter H. Gregson
Mr. Peter S. Grimes
Ellen K. and Lawrence R. Gross
Ms. Margaret L. Hagen
Ms. Jeannette Hanby and Mr. David Bygott
Mr. and Mrs. Ralph E. Hansmann
Ms. Ruth Ann Harnisch and Mr. Bill F. Harnisch
Ms. Anneliese Harstick
Mr. and Mrs. Albert Hartig
Dr. and Mrs. Karl A. Hartman, Jr.
Mr. Roderic Harvey
Mr. Gregory F. Hauser
Mrs. Anne W. Hausner
Ms. Susan Heath
Mr. Walter G. Heid
Ms. Esther L. Herbert
Ms. Judith F. Hernstadt
Mr. Kenneth Heuer
Mrs. Jennifer Higgins

Mr. Matthew Higgins
Mr. and Mrs. William Hochenberg
Ms. Anja Impola
Mr. Michael Irwin
Ms. Margot Jacobs
Dr. Irma B. Jaffe
Ms. Marilyn Jaffe-Ruiz and Mr. Victor R. Ruiz
Mr. and Mrs. Anthony James
Ms. Dorothy Johnsen
Mr. Mark W. Jordan and Ms. Cynthia Jordan
Ms. Patricia S. Joseph
Ms. Helene L. Kaplan
Ms. Belinda Kaye
Dr. Joan A. Kedziora
Ms. Latimer Kells
Mr. and Mrs. Johannes G. Kilian
Ms. Catherine King
Dr. and Mrs. Thomas C. King
Mr. Frederick A. Klingenstein
Ms. Janet Kozera
Mr. Peihua Ku
Mr. and Mrs. Philip A. Lacovara
Mr. Russell Lee
Ms. Diane Lefer
Mr. and Mrs. Will E. Leland
Ms. Jane A. Levenson
Sir Julian Edmond Paul Lewison and Ms. Wendy Lewison
Mrs. George N. Lindsay
Ms. Catherine Lomuscio and Mr. Frank Lomuscio
Mr. John Maguire
Ms. Ronnie S. Maibaum
Dr. Michael Malagold
Mr. Edward Marcus
Ms. Gretchen Marks
Ms. Camille Mastri and Mr. John Plencner
Ms. Laura Bemben McCloskey and Mr. Ciaran McCloskey
Mr. and Mrs. Robert McColaugh
Mr. Michael J. McCormick

Mr. and Mrs. Edward R. McDowell
 Ms. Ann S. McIntyre
 Mr. Charles W. Merrels
 Mr. and Mrs. Scott Messinger
 Ms. Ann B. Metcalfe
 Ms. Payne B. Middleton
 Mr. Maceo W. Mitchell and Ms. Patricia J. Wynne
 Mr. and Mrs. Wayne Mones
 Mr. and Mrs. James E. Moore
 Ms. Mary Mugurdichian
 Mr. and Mrs. Stanley Mull
 Ms. Janakim M. Murugesan
 Ms. Ellen J. Myers
 Ms. Eileen Nemeroff
 Dr. Stephanie Neuman and Mr. Herbert Neuman
 Mrs. Gillian W. Newell
 Mr. Thomas K. O'Brien, Jr.
 Mrs. Theresa Ornstein
 Mr. Jonathan Orser
 Dr. Norman Osofsky and Mrs. Carol Falcetti
 Mr. Michael Pantuliano
 Mr. Michael Passarella
 Ms. Maria M. Patterson
 Ms. Celia Paul and Mr. Stephen Rosen
 Ms. Eileen Pentel and Mr. Don Wade
 Mr. Stanley Perlman
 Ms. Sally Phillips
 Mrs. Gloria K. Rand
 Ms. Mary Raymond and Mr. Ronnie E. Raymond
 Ms. Gertrude Redmond
 Angela Reich, Ph.D.
 Ms. Pamela Reinertsen and Mr. Arthur Reinertsen
 Ms. Madeleine Richard
 Ms. Gloria Roma
 Ms. Joyce Rosen
 Mr. and Mrs. Jeffrey Rothstein

Mr. Ravi Rozdon
 Dr. Caroline Rubinstein and Mr. Phillip M. Winegar
 Ms. Harriette Rubinstein
 Mr. Murray Sackson
 Patricia E. Saigo, M.D.
 Ellen Salem, Ph.D.
 Dr. and Mrs. Michael R. Sanders
 Mr. and Mrs. William F. Sanford, Jr.
 Mr. Ralph Sansbury
 Mr. William Savino
 Mr. Patrick Schaar and Ms. Dorothy Gold
 Mr. and Mrs. Patrick Schiavone
 Ms. Christine Schiavone-McKeon
 Mr. and Mrs. Robert Schiffmann
 Ms. Gloria Schindler
 Ms. Nancy Schloss
 Mr. Robert John Schneck and Ms. Cora Fung
 Dr. Margaret Schottstaedt
 Mr. and Mrs. Eric Schraemli
 Mr. and Mrs. Robert L. Schwartz
 Mr. Joseph Scott
 Mrs. Lenore Scott
 Mr. Richard Sheridan
 Mr. Igor Shtlmer
 Mr. A. James Smith, Jr. and Ms. M. Kathryn Eickhoff-Smith
 Mr. Ronny Soderstrom
 Dr. Peter M. Som and Ms. Judy S. Som
 Mr. and Mrs. Michael Sommer
 Mr. Mark M. Spradley
 Mr. Jeff Spychala
 Mr. and Mrs. William C. Starzman
 Dr. and Mrs. Stuart Steele
 Ms. Jennifer Stevens
 Mr. Mark L. Stevens
 Dr. and Mrs. Martin A. Stolbun
 Mr. Karl J. Stone
 Mr. and Mrs. Kenneth L. Telljohann
 Ms. Diann Terry

Mr. Robert F. Petrie and Ms. Valerie Thaler
 Mr. Christopher Theodor and Ms. Ronetta Blackburn
 Dr. William Thierfelder and Prof. Michael Aloï
 Mrs. Edwin Thorne
 Ms. Irene Toovey
 Ms. Myrella Triana and Mr. Ken Gadow
 Ms. Ellen M. Rosette and Mr. Salvatore Troiano
 Mr. Craig S. Tunks and Mr. Tom Toynton
 Dr. Gretchen Van Alstyne
 Mr. Carroll L. Wainwright Jr. Esq.
 Ms. Marjory S. Walters
 Ms. Fanny E. Warburg
 Mrs. Isobel Wayrick
 Mr. Marshall M. Weinberg
 Judy and Josh Weston
 Mr. Ronald D. Weston
 Mr. Sidney S. Whelan, Jr. and Ms. Anne S. McCook
 Dr. and Mrs. Donald W. Whipple
 Mr. Thomas C. Danziger and Ms. Laura B. Whitman
 Mr. Chester Widomski and Dr. Linda Widomski
 Mr. Gabriel Wiesenthal
 Dr. Adam S. Wilkins
 Ms. Caroline Wilson
 Mr. Lawrence B. Wohl and Ms. Millicent Wohl
 Ms. Betsy Yamazaki
 Mr. and Mrs. Eric T. Zinn

Estate of Claude P. Burt
 Estate of Elizabeth C. Davis
 Estate of Edwin F. Gamble
 Estate of Thomas M. Griffing
 Estate of William C. Hauber
 Estate of Georgina M. Hecker
 Estate of Joseph Q. Heplar
 Estate of Everett Hoffman
 Estate of Robert E. Kohn
 The Robert J. Laskowski Foundation
 Estate of Evelyn H. Lauder
 Estate of Brian Leslie
 Leonard C. Sanford Trust
 Estate of Helen K. Schwartz
 Estate of Richard T. Shields
 Estate of Hugh M. Traphagen
 Estate of Emily S. Waxberg
 Estate of Merwin H. Webster

ESTATES AND BEQUESTS

Estate of Gene B. Abrams
 Estate of Hugh T. Adams
 Estate of Elizabeth G. Beinecke
 Estate of John C. Bierwirth
 Estate of Cherry L. Burns

Bequests



By including the American Museum of Natural History in your estate plans, you can promote the preservation and broader understanding of the natural world for generations to come.

Through a bequest in your will, you can support the Museum while realizing significant tax savings for your estate. You may bequeath a dollar amount, a percentage of your estate, or the residue of your estate after other bequests and expenses are paid. You may designate your bequest to fund a specific program or to provide important unrestricted support for the Museum.

With a gift of \$1 million or more, you can create an endowed fund at the Museum in your own name or that of a loved one, which will support the Museum in perpetuity.

The following language can be used in your will to create a bequest to the Museum:

I give, devise, and bequeath [the sum of \$___/___% of my residuary estate] to the American Museum of Natural History (Tax ID # 13-6162659), a New York education corporation located at Central Park West and 79th Street, New York, New York 10024-5192.

Gifts that Pay Lifetime Income

A gift to the Museum now can generate income for you and/or a loved one for life. These gifts offer very attractive returns, and plans are available that provide either a fixed income or a fluctuating income capable of growth. They also provide you with immediate income tax savings and long-term estate tax benefits.

For more information on these and other gift plans, please contact the Planned Giving Office of the American Museum of Natural History, Central Park West at 79th Street, New York, New York 10024-5192, by phone at 212-769-5119, or by email at plannedgiving@amnh.org.

Credits

Unless otherwise indicated, all photography and images are copyright of the American Museum of Natural History.

PHOTOGRAPHY

AMNH: 27

D. Brumbaugh: 2

C. Chesek: 18, 41, 45

D. Finnin: 16, 20, 25, 28, 29, 32, 33, 34, 36, 37, 39, 42

D. Gruber: 11, 12

F. Ippolitto: 13

E. Kim: 10

D. Krugman: 38, 40, 47

R. Mickens: 2, 20, 21, 22, 26, 28, 30, 43

NERC CHESSO Project: 15

B. Picton/National Museum of Northern Ireland: 16

A. Pradel: 14

E. Rodríguez: 16

Sam the Cobra: 7

M. Shanley: 19

J. Silva: 17, 58

J. Sparks: 2, 5, 12

DESIGN

ond design, new york city.
www.ond.com