

**THE FIELD MUSEUM
2007 ANNUAL REPORT TO THE
BOARD OF TRUSTEES**

COLLECTIONS AND RESEARCH

Office of Collections and Research, The Field Museum
1400 South Lake Shore Drive
Chicago, IL 60605-2496 USA
Phone (312) 665-7811
Fax (312) 665-7806
<http://www.fieldmuseum.org>

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COLLECTIONS AND RESEARCH – 2007 ANNUAL REPORT

Among the wonders of natural history museums, dinosaurs and ancient Egypt hold particular fascination for visitors, and The Field Museum is no exception—as witness “the year of Sue” (2000) and “the year of Tut” (2007), two of the biggest attendance years in the Museum’s 114-year history. It comes as a surprise to many people, then, that pharaonic Egypt is not a research specialty among the curators of the Collections and Research Division, and that we added the first dinosaur curator in the Museum’s history to our paleontology faculty only seven years ago. While this may seem a disconnect with the public perception of what Field Museum science is about, the full and much more compelling story lies in the rich diversity of the massive collections that form the foundation for our research (collections that house a comparatively small though significant quantity of dinosaur and Egyptian material).

A museum collection is not a dusty storehouse of forgotten antiquities and moth-eaten taxidermy mounts, but a vital source of scientific data, and a site of active research. The breadth and depth of The Field Museum’s collections, as well as the innate passion and curiosity of our scientists, drives a world-class research institution that explores countless topics on the evolution of life and the development of human cultures. And our collections are increasingly relevant in addressing major issues facing human society such as climate change, biodiversity loss, and even public health.

“Diversity” is a key watchword of our Museum. The first sentence of the Museum’s mission statement defines the Field as “an educational institution concerned with the diversity and relationships in nature and among cultures.” A few lines later, the document observes that through its interdisciplinary research spanning Anthropology, Botany, Geology, Paleontology and Zoology, the Museum “seeks to uncover the extent and character of biological and cultural diversity.” And the routes toward understanding that diversity encompass a rich diversity in the research itself, a varied tapestry of research subjects, biological organisms, human cultures, intellectual agendas, and methodological approaches.

This diversity is immediately evident in our three newest curatorial hires. During the fall of 2007 we welcomed to the faculty Ken Angielczyk, Assistant Curator of Fossil Mammals (Geology Department) and Leo Smith, Assistant Curator of Fishes (Zoology Department). They will be joined in mid-2008 by Corrie Moreau, Assistant Curator of Insects (Zoology Department). Ken (Ph.D., University of California, Berkeley, 2003) is a paleontologist who studies dicynodont therapsids (formerly referred to as “mammal-like reptiles”), as well as ancient ecology and extinction. Leo (Ph.D., Columbia University, 2005) is an ichthyologist who draws on both molecular and morphological evidence to study the evolution of fishes, in particular acanthomorphs (spiny-rayed fish), as well as venomous fishes and the fishes of Madagascar. Corrie (Ph.D., Harvard University, 2007) is an entomologist who studies the evolution and diversification of ants, also using both DNA and morphology to resolve the interrelationships among this diverse group. These three young researchers bring new perspectives and skills to an already strong and diverse faculty. At this writing we also have searches underway to fill two open curatorial positions, one in Anthropology and one in Geology.

While it may be hard to imagine millions of people lining up for an exhibit about lungfish (or Steven Spielberg making a movie about cloned dicynodonts), with evolution at the heart of the Field’s scientific mission, it’s easy to see the value each of these research agendas bring to the Museum. The evolution of the ray-finned fishes is one of the key unresolved problems in vertebrate phylogeny, and Leo is co-PI on a major NSF Tree of Life grant focused on that issue. Ken authored several papers in 2007 on dicynodont evolution and other topics, including one in the prestigious *Proceedings of the Royal Society* on the end-Permian extinction. And ants? Too often we take such key players in our ecosystems for granted. Corrie’s large-scale phylogenetic work has clarified the evolutionary history of the ants, and also backdated ant diversification to a much earlier period than previously thought.

Where do major groups of fishes fit on the evolutionary tree? What factors influence extinction? What were the earliest mammals like? How do we make evolutionary sense of the 12,000-branches on the ant tree of life? These are compelling questions, and within the broad mosaic of Field Museum research, Ken, Corrie and Leo are a perfect fit—and not a dinosaur in sight. Which is not to say that we have not made research progress on the dinosaur front too, as we will see shortly. But these projects, ground-

breaking work based on organisms lower down on the food—and charisma—chain than Sue the *T. rex*, underline the status of dinosaurs as but the tip of the iceberg of evolutionary biology at the Field.

Likewise with archaeology, where Field Museum scientists are carrying on equally important work. Although they are not stalking hidden pyramid chambers for gold, our Anthropology faculty are nonetheless yielding new insights about the development of humankind, from domestic life to political life, on virtually every continent. For example, in summer 2007 Boone Associate Curator and Chair of Anthropology Anne Underhill continued her archaeological survey in Shandong Province, China, (13 years and counting, and one of the first of few Sino-American archaeological collaborations sanctioned by the Chinese government), recording a number of new sites from the Longshan period (ca. 2600-2000 BC). Regenstein Curator John Terrell (Anthropology) co-authored a major research article in *Cambridge Archaeological Journal*, that offers a new interpretation of the long-debated Lapita Face on prehistoric pottery of the South Pacific. The article proposes a radically different understanding of the religious life of early Pacific Islanders, and charts a heretofore missing continuity between religious practices of 3,000 years ago and today. This past spring Gary Feinman, Curator of Mesoamerican Anthropology, and Linda Nicholas, Adjunct Curator of Anthropology, directed the 9th season of excavation at El Palmillo, in Oaxaca, Mexico, exploring several household sites (and discovering an unexpected ballcourt) and uncovering new insights into one of the least understood and much debated transitions in the history of the Valley of Oaxaca during the Classic and Postclassic periods.

Are the political structures of a pre-Incan Peruvian kingdom, social interactions among ethnic groups in western Kenya over 5,000 years, or a community 60 miles south of Chicago founded by a freed slave—to touch on three other Field Museum Anthropology projects—any less important than the tomb of Tut? Obviously, we would argue that as part of the foundation for our understanding of the broad mosaic of human cultures and societies, they are just as important. We take it as axiomatic that history has value. Politics, war, class conflict, ethnic strife are not new to our generation, and understanding our history means understanding ourselves. From the everyday life of craftspeople and herders to the political intrigues of chiefs and kings, our present is enriched both materially and intellectually by knowing the past—and the pot fragments, house foundations, and fire pits of ancient cultures are the primary evidence of humankind's development and social relations. Just as we take the value of history as understood, we must consider archaeology as the foundation for and complement that history, and thus of inestimable value.

There is no better snapshot of the wide array of research agendas pursued by our curators than our scientific publications. Despite several vacancies in the curatorial ranks, our scientists again logged more than 200 publications in 2007, covering subjects as varied as bat flies, ancient trade interactions, Permian reptiles, and flowering plants (and even some new findings on dinosaurs).

Among the books is Curator Rüdiger Bieler's *Seashells of Southern Florida—Living Marine Mollusks of the Florida Keys and Adjacent Regions: Bivalves* (Princeton University Press). The 500-page, full-color book is the first in a planned series of three volumes on the molluscan fauna of the Keys and adjacent regions, and provides a comprehensive treatment of the nearly sixty taxonomic families of bivalves such as clams and mussels (roughly half of the world's bivalve family diversity). Gary Rosenberg, VP of Systematics at Philadelphia's Academy of Natural Sciences calls it "the most thorough treatment of living mollusks in this region ever written." Curator Gary Feinman (Anthropology) and colleague T. Douglas Price published the first soft-cover edition of their *Archeology at the Millenium: A Source Book*, which the *Cambridge Archaeological Journal* calls "an invaluable source for all archaeologists (including Classicists), and a graduate student's treasure," a book that "really does belong on every archaeologist's bookshelf."

Edited volumes include *Biodiversity, ecology and conservation of the littoral ecosystems in southeastern Madagascar, Tolagnaro (Fort Dauphin)*, co-edited by Field Zoologist Steve Goodman (Zoology/Mammals and Birds); part of the Smithsonian Institution's Monitoring and Assessment of Biodiversity Program Series, the work features contributions from over 70 authors discussing the biological diversity of these endangered coastal forests. Associate Curator L. Antonio Curet (Anthropology) co-edited the volume comprising the *Proceedings of the Twenty-first Congress of the International Association for Caribbean*

Archaeology—the primary forum for Caribbean archaeologists—with topics ranging from art and symbolism to plantation archaeology. Among several monographs produced in the Museum’s *Fieldiana* series were MacArthur Curator Jonathan Haas and colleagues’ *Archeological Investigation of Late Archaic Sites (3000–1800 B.C.) in the Pativilca Valley, Peru*, which details the team’s continuing excavations of early complex societies in the “Norte Chico” region on the Pacific coast, and from Adjunct Curator Jack Fooden, the latest entry in his comprehensive studies of the macaques, this one a review of the Barbary Macaque.

As usual, the bulk of our publications were in top-level peer-reviewed journals—more than 120—as well as dozens of chapters in edited volumes. The journal contributions include a Special Issue of the journal *Biological Conservation* edited by Boyd Postdoctoral Fellow Norbert Cordeiro (Zoology and Botany), devoted to the complexities of biodiversity distribution, threats, and conservation efforts in sub-Saharan Africa, and featuring articles by several current and former Field Museum scientists and graduates from Field Museum international training programs.

Our publications during 2007 also included the descriptions of more than 100 taxa new to science, including: six species of the flowering plant *Nolana* by Botany Curator and Chair Michael Dillon; two new species of a weird Philippine rodent (nicknamed “tweezer-beaks”) by Curator Larry Heaney (Zoology/Mammals); a new species of Peruvian cloud forest rodent by MacArthur Curator Bruce Patterson (Zoology/ Mammals); six new species of wood-boring bivalves by Associate Curator Janet Voight (Zoology/Invertebrates); a new species of fossil reptile by Curator and Geology Chair Olivier Rieppel and Senior Vice President of C&R Lance Grande; a new species of fungi by Associate Curator Sabine Huhndorf (Botany); a new species of rove beetle by Associate Curator Al Newton (Zoology/Insects); 10 new taxa of lichen (e.g., order, genera or species) by Associate Curator Thorsten Lumbsch (Botany), and another 82 new lichen taxa by Adjunct Curator and Collection Manager Robert Lücking (Botany), in addition to several new species of frog and chewing louse, described by Postdoctoral Scientists Bryan Stuart (Zoology/Herps) and Jason Weckstein (Zoology/Birds), respectively.

In Geology, Olivier Rieppel, MacArthur Curator and Chair, and Senior Vice President Lance Grande, made a major advance in understanding the evolution of monitor lizards by describing an exceptionally well-preserved specimen of the fossil monitor lizard *Saniwa ensidens* from the Eocene Green River Formation of Wyoming, in the *Journal of Paleontology*. Provost Neil Shubin and colleagues authored two papers in *Nature* exploring the evolution of appendages in sharks and ray-finned fishes using molecular data, showing the genetic connections between ancient fins and modern limbs. And, yes, our paleontologists added to the world knowledge base for dinosaurs during the year, too. Among several papers published in 2007, Associate Curator Peter Makovicky (Geology) co-authored a study in the journal *Science* offering evidence for feathers in *Velociraptor mongoliensis* based on the presence of quill knobs on the creature’s posterior forearm. Peter’s graduate student Nathan Smith (University of Chicago) was co-organizer of a team that described new species of dinosaur precursors from the Late Triassic of New Mexico, also in *Science*.

Likewise, our anthropologists produced a broad range of research findings. Besides Curator John Terrell’s provocative article about the Lapita face and ancient South Pacific religious beliefs in *Cambridge Archaeological Journal*, Associate Curator Ryan Williams co-authored a paper entitled “Urban Structure at Tiwanaku: Geophysical Investigations in the Andean Altiplano,” in *Remote Sensing Archaeology*. Forging new directions in archaeology, Ryan and his collaborators use geophysical techniques, including magnetometry and ground-penetrating radar, to chart the spatial structure of ancient capital of Tiwanaku. A. Watson Armour III Curator Bob Martin was lead author on a paper in the Swiss journal *Folia Primatologica* that draws on evidence from molecular phylogenies calibrated with dates from denser parts of the fossil record to argue for a Cretaceous origin of primates, 80 to 90 million years ago—meaning primates overlapped with dinosaurs by some 20 million years. And two Field Museum archaeology teams had chapters in the edited volume *Seeking A Richer Harvest: An Introduction to the Archaeology of Subsistence Intensification, Innovation, and Change* (Springer): Curator Gary Feinman and Adjunct Curator Linda Nicholas published an article on agricultural intensification at El Palmillo, and Curator Chap Kusimba and Adjunct Curator Sibel Kusimba published an article on intensification and agropastoral systems in East Africa.

These are just a few of the highlights of a very robust year of publications, spanning the gamut of systematics, evolutionary biology, archaeology, and paleontology. This diverse array of papers underline the fact that the scientists of Collections and Research study many organisms and many issues, and they study them in many ways.

Our other touchstone of success, grants, is similarly revealing of the sheer magnitude and range of scientific inquiry covered by Field Museum scientists—and what funding agencies consider to be important. Grantsmanship is the fuel that keeps the research engine running at the Field, and with \$18 million in active grants, including \$5 million in support awarded in 2007, the curators and professional staff of Collections and Research continue to post a strong record of success. A brief sampling of the grants awarded in 2007 matches the broad spectrum of research agendas at the Museum.

Not content to publish a major book on bivalves in 2007, Curator Rüdiger Bieler (Zoology/Invertebrates) also was awarded a major NSF grant for “Phylogeny on the Half-Shell: Assembling the Bivalve Tree of Life,” a five-year/\$3-million project (\$1.3 million to TFM), which will investigate the evolutionary history and relationships of bivalves through a fresh look at bivalve anatomy, in combination with study of selected DNA markers for the same species investigated morphologically. This grant, along with the new “Tree of Life” grant awarded our new Assistant Curator of Fishes Leo Smith (total award \$2,047,458, with TFM receiving \$221,554), is one of seven active “Tree of Life” grants on which Field Museum curators are Principal Investigators or Co-PIs, including major projects focusing on the entire family tree of birds (Associate Curator Shannon Hackett), Staphylinid beetles (Associate Curator Margaret Thayer) and spiders (Associate Curator Petra Sierwald). Like all “Tree of Life” projects, Rüdiger’s bivalve study is a multi-institutional effort that entails substantial educational and outreach components, including an undergraduate course, teacher-training materials, and a traveling exhibit—each with a strong web component.

Also in Zoology, Brown Postdoctoral Fellow Carl W. Dick (Zoology/Insects and Mammals), MacArthur Curator Bruce D. Patterson (Zoology/Mammals), and Research Associate Katharina Dittmar (Zoology/Mammals and University of Wyoming) were awarded \$420,000 by NSF funding for their comprehensive phylogenetically-based investigation of bat flies, with a particular focus on host associations and ectoparasitism.

One of the largest grants of 2007, more than \$450,000, was awarded for the study of a group of organisms that are small in size, but critical to ecosystem function. Adjunct Curator and Collection Manager Robert Lücking (Botany) is the Principal Investigator on a project to develop an innovative inventory of neotropical epiphytic microlichens, a highly diverse yet little known group of symbiotic organisms. This project is the first inventory of tropical lichens on a continental scale, focusing on small epiphytic lichens, and is expected to document approximately 3,000 species in 160 genera and 30 families. The study will be carried out through local workshops involving students and professionals in twelve Latin American countries, and will have a substantial training component. Another group of tiny plants, liverworts, are the focus of a \$68,000 grant to Collections Manager Matt von Konrat and Curator John Engel (both Botany) from the Global Biodiversity Information Facility (GBIF), based in Copenhagen, to unify the vastly scattered biological literature on the taxonomy, nomenclature, and geography of these tiny plants that are pivotal to our understanding of early land plant evolution, and a key component in terrestrial ecosystems worldwide. Matt and John have already developed the most comprehensive catalogue of liverworts worldwide, including systematic and taxonomic information for approximately 22,000 published names and synonyms with over 60,000 records and almost 400 geo-political units.

Significant grants in Anthropology include an NSF award of \$130,000 to Curator Chap Kusimba of Anthropology and Adjunct Curator Sibel Kusimba to conduct research on Mount Elgon, Kenya, one of the most densely populated and ecologically and ethnically diverse areas in East Africa. This project aims to uncover archaeological evidence illuminating how these communities developed and interacted over 5,000 years of habitation in the area—the first large-scale archaeological research project ever conducted in the area. Also, Associate Curator Ryan Williams and Adjunct Curator Donna Nash (both Anthropology) received a new grant from the National Endowment for the Humanities (NEH) to continue their research

around an ancient brewery at Cerro Baul, Peru, a study that brings new insights into the power relations between the earliest empires of the Andes.

Among the grants to our paleontologists were an NSF award of \$61,000 to C&R Senior Vice President Lance Grande for a project to study fossil bird material from the Fossil Butte Member (FBM) of the Green River Formation in Wyoming, where he has worked for two decades, to provide key data for one of the most contentious questions in vertebrate systematics: the pattern and timing of divergences among and within the major groups of living birds.

The most high-profile grant of 2007 joined cutting-edge research with broad public outreach in a unique and monumental collaborative effort. Thanks to a \$1.5 million award from the MacArthur Foundation, The Field Museum joined Harvard University, Marine Biological Laboratory, Smithsonian Institution, the Missouri Botanical Garden and the Biodiversity Heritage Library in an exciting new initiative known the Encyclopedia of Life (EOL). EOL is an unprecedented global effort to document every named species of animals, plants, and other forms of life on Earth, openly accessible on the internet (www.eol.org). Curator Mark Westneat (Zoology/Fishes) has been appointed Director of the Museum's contribution to EOL, the Biodiversity Synthesis Center (BioSynC). The BioSynC aims to accelerate the pace of scientific discovery in biodiversity and evolution by using the power of bioinformatics and the EOL, developing new tools for the exploration of biodiversity and biogeography, and providing a meeting place for asking and answering big questions about the biodiversity of life. The EOL is an unprecedented effort, a broad-based, international collaboration whose ambition encompasses every known organism on the planet. Its scope mirrors that of a natural history museum—it draws on the expertise of specialists, supports dialogue among them, but also targets the student or curious layman, and harnesses the power of the internet in a powerful way.

On a smaller scale but no less exciting in its outreach impact is our *expeditions@fieldmuseum* distance learning program that brings the work of Field Museum scientists alive for students of all ages via the internet. Managed by Vickei Hrdina in collaboration with Allison Meyer and Greg Mercer of the Museum's web team, this web-based outreach program allows visitors virtual access to field trips with Field Museum scientists, via web casts, e-mail dispatches, interactive maps, photo galleries, and videos. It is The Field Museum's primary distance learning program. With the support of the Negaunee Foundation, we have broadened the scope of programming (and expanded the geographical coverage), with an eye to adding three or four new projects/scientists each year, as well as updating several ongoing expeditions. In addition to continually adding new and exciting projects, we plan to rebuild the site over the next year, improving the look and the interface. Eventually we hope to use *expeditions* to catalyze other electronic outreach initiatives, including on-line exhibitions, collections databases, and coordination with the Encyclopedia of Life.

These are just two examples of the ways that the scientists of Collections and Research contribute to public education. Besides electronic communications they also add their knowledge to the tried and true Museum-based education and outreach programs, serving as content specialists during the development on every exhibit, including 2007's *Darwin, Dinosaurs: Ancient Fossils, New Discoveries, Crown Family PlayLab*, and *Maps*, and major 2008 projects like *DNA Discovery Center*, *Nature Unleashed* and *George Washington Carver*. And our curators and professional staff are routinely called upon for education programs like the Naturalist Certificate Program, Chicago Public School teacher programs, "Scientist on the Floor," exhibit docent training, as well as our annual Members' Nights.

It is not an overstatement to say that the curators and professional staff of Collections and Research make educational contributions from pre-K to Ph.D levels. Indeed, the Museum's educational contributions, locally, nationally, and internationally, may be one of its most under-appreciated roles. And it is a role that is more important today than ever, with science literacy in the U.S. at an all-time low (21st in among industrialized nations), and facing a similar decline in production of professionally-trained scientists (falling to 17th in the number of professional science degrees awarded, down from 3rd in the 1980s). The reinvigorated "Intelligent Design" movement, and attractions like the recently-opened Creation Museum in Kentucky, illustrates the degree to which science education in this country needs institutions like The Field Museum. The public needs to better understand science to appreciate it, and it

needs to better understand the methods and philosophy of science to be less intimidated by it. Museums like the Field—as centers of groundbreaking research, and reference libraries of the hard evidence of evolution, biodiversity, and human culture—are primary sources that other channels of science education and information build on.

Besides promoting modern science through our exhibits and public programs, The Field Museum is also training the next generation of professional scientists, through original research, teaching, and mentoring. The “Training Programs” section of this report sketches these efforts in detail, but highlights from 2007 include mentoring 70 High School and undergraduate interns, and teaching dozens of undergraduate and graduate level courses at local universities. These courses include “Social Stratification” and “Evolutionary Morphology of Vertebrates” at Northwestern University; “Archaeology of Households,” “Primate Evolution,” “Mutualisms and Symbioses,” “Biological Systematics,” “Comparative Anatomy of the Vertebrates,” “From So Simple a Beginning: Evolution,” and “Stones and Bones” at the University of Chicago; and “Landscape Archaeology” and “History of Life” at the University of Illinois at Chicago. In addition, our curators directed and advised numerous Ph.D. theses at these same universities, and supervised a dozen Postdoctoral Scientists at the Museum. Little wonder that the Collections and Research division is often compared to a university within the Museum.

It is worth highlighting these local academic partnerships, which, like our research specialties, run the gamut of human and biological sciences. At the University of Chicago, our curatorial faculty are integral members of the Committee on Evolutionary Biology, which includes the country’s #1 rated graduate programs in Paleontology and Ecology/Evolution. At the University of Illinois at Chicago, we have been partners in a joint Ph.D. program in Anthropology since 1995, and have been a partner in Ecology and Evolution program for even longer. Likewise, at Northwestern, our Anthropology Department makes key contributions to the Anthropology Ph.D. program, and our zoologists hold several teaching appointments in the Biological Sciences Division.

The professionals we train have a growing impact at both national and international levels. Although The Field Museum does not independently grant degrees, we nevertheless have alumni—that is, the Graduate Students and Postdoctoral Scientists that made the Museum their home base during their graduate and post-Ph.D. training. A survey of postdocs and just those Resident Graduate students who had a Field Museum curator as dissertation directors over the past 12 years numbers nearly 50 University Professors (some with joint appointments as museum curators), six Museum Curators, three Directors of Museums or Research Institutes, a National Science Foundation Program Officer, and more than a dozen other professional science positions at conservation organizations and the U.S. State Department. A list of the current affiliations of these “alums” would include the Smithsonian Institution, Cambridge University, the University of California at Berkeley, the Natural History Museum, London, Northwestern University, Duke University, Notre Dame University, the Universidad Nacional Autonoma de Mexico, Smithsonian Tropical Research Institute, Universidade de São Paulo, Brazil, and many more, both domestic and international. We aim to continue our leadership in scientific research, education, outreach, and training, but we are also committed to strengthening our national and regional “brand” as a primary force in training the next generation of professional scientists, including enhancing our existing partnerships with degree-granting institutions, and seeking significant new partnerships as new areas of scientific inquiry develop.

“Training the next generation of scientists” also extends to young scientists in the countries where we work, especially in the area of biodiversity and conservation science. One of the Museum’s most notable capacity-building contributions has been the enduring efforts in Madagascar of Senior Field Biologist Steve Goodman (Zoology/Birds and Mammals), which moved to another level in 2007. After 14 years of coordinating the World Wildlife Fund’s Ecology Training Program (ETP) in Madagascar, Steve turned the project over to a group of Malagasy ETP graduates associated with a new national NGO called “Vahatra” (“grass-roots” in Malagasy), for which Steve will serve as scientific advisor. Vahatra will continue the work of the ETP, playing a major synergetic role for Malagasy conservation biologists, and many new projects are planned, including the publication of a new journal dedicated to Malagasy natural history and conservation biology. Significantly, all of the founding members of Vahatra finished their Ph.D.s in the context of the ETP, and all have conducted extensive

research at The Field Museum—testament to the value of collections and collections-based research to conservation and training capacity-building.

The success of ETP mirrors many other groundbreaking capacity-building efforts based at the Field. One important example is the ongoing “Albertine Rift Biodiversity Program,” a MacArthur-funded collaboration for capacity-building between The Field Museum and the three Congolese institutions: Centre de Recherche en Sciences Naturelles (CRSN), the Centre de Recherche Hydrobiologique (CRH, Uvira), and the Institut Congolais pour la Conservation de la Nature (ICCN, and spearheaded by Zoology Department Chairman John Bates (Zoology/Birds), which built on the “African Biodiversity Training Program,” a MacArthur-sponsored training program in Uganda from 1997–2000. In the same vein, Larry Heaney’s work in training Filipino scientists spans nearly three decades with support from NSF and the MacArthur Foundation, he has trained more than 70 young Filipino university biologists, park managers, and government officials on the documentation and conservation of vertebrate biodiversity in the Philippines—one of most unique and severely threatened biotas on the planet.

Our Botany Department boasts other long-term capacity building programs as well. Curator and Department Chair Michael Dillon’s 30-year involvement in training South American botanists is legendary. He is an Honorary Professor at five Peruvian universities, creator of the on-line Andean Botanical Information System (ABIS), and advisor to numerous Peruvian and Chilean conservation organizations. His efforts in 2007 included a lecture to the National Congress of Biological Students in Tacna, Peru, and, back at the Museum, collaborating with Victor Quipuscoa, a Ph.D. candidate at the Universidad San Marcos in Lima and Professor of Systematic Botany at the Universidad Nacional San Agustín, Arequipa. Associate Curator Rick Ree continues his work on a MacArthur Foundation-funded project “Building Capacity for Biodiversity Research, Conservation, and Education in Eastern Himalaya,” which focuses on gathering baseline data on plant biodiversity in southern Tibet and increasing the capacity of local colleagues to conduct biodiversity research and education. The project is being conducted in collaboration with Chinese colleagues at the Kunming Institute of Botany of the Chinese Academy of Sciences. Curator Greg Mueller continued his efforts to build mycological capacity in Central America during a trip to Guatemala in the summer, where he gave several seminars, including on one on the ecology and diversity of Central American macrofungi (to 100 undergraduates), as well as leading a 12-day workshop on fungal biogeography. Adjunct Curator and Collections Manager Robert Lücking (Botany) also continues his ongoing training program for Latin American lichenology and mycology students and professionals in partnership with the Organization for Tropical Studies (OTS). Besides teaching several courses in Peru and Costa Rica in 2007 (tropical lichenology and multivariate analysis of ecological data), he instructed three workshops in Brazil, Bolivia, and Peru, as part of the new NSF project sketched earlier, which will support 24 lichen workshops in 12 Latin American countries over the next four years.

All of these examples illustrate a true symbiosis between collaborators, funding agencies, conservation organizations, and local academic institutions. Our conservation efforts are facilitated by these partnerships—as diverse as the organisms we strive to understand and protect. A key ingredient in the impact of this conservation science, as critical as doing the inventories and documenting the diversity, is training the scientists whose own local flora and fauna are at stake. As John Bates, Associate Curator of Birds and Chair of Zoology, wrote not long ago in *World Watch* magazine, “successful long-term conservation . . . will depend on local and regional scientific institutions with properly trained local staff who can continually interact and educate the public about the science behind conservation in an ever changing world.”

We purposely ended the preceding capacity-building checklist with Robert Lücking and lichens—about as far down the food chain (and “sexiness” scale) from *T. rex* as you can get. As noted above, Robert scored one of the Museum’s largest grants in 2007 for his NSF-supported lichen inventory, and he is also Coordinator and Principal Investigator of “TICOLICHEN,” a major NSF-supported tropical lichen biodiversity inventory. The Field Museum is home to one of the world’s most important collections of lichens, and some of the world’s leading experts, including Robert, and Associate Curator Thorsten Lumbsch. As humble as lichens might be, we are as proud of our lichenology program as we are of our research on African chiefdoms, Neotropical birds, and fossil fishes. For one thing, precisely because of

their status on the food chain, lichens are well documented to be key indicators of environmental pollution and ecosystem health (and they've been around longer than dinosaurs). But they also are sources for pharmaceutically active compounds, a fact that surprises many people. In fact, The Field Museum is a partner in a large-scale program screening lichens and fungi for useful compounds, a collaboration that includes INBio, Harvard Medical School, University of Michigan, the Broad Institute, Novartis Institutes for Biomedical Research. The potential here is great: lichens comprise about 20,000 known species, 50% of which are tropical—yet known lichen species in Latin America presently amounts to only about 10% of their estimated actual diversity, thus the vast majority of living lichen species remain to be discovered. In just the past three years, our lichenologists have described over 200 new lichen species—documenting that diversity is a huge task, and training local scientists in the effort is critical. In this light, understanding the lowly lichen takes on a much more exciting and promising aspect.

Which gets us back to the early mammals, spiny-rayed fishes, and ants that our newest curatorial hires focus on—exciting additions to our ongoing research on primate evolution, millipedes, Triassic reptiles, warblers, fungi, snakes, ancient Mesopotamia, and yes, dinosaurs. The common thread here is our commitment as a research institution to breaking new scientific ground and making a lasting impact. This requires scientists who can leverage their research positions into successful scientific programs—and it's why, in hiring our curators, we place more emphasis on the broad significance of the questions they ask, and their potential to be productive scientists, than on their specific subject matter.

The gold of the pharaohs and the giants of the Cretaceous certainly have the drama to capture the imagination—but so do the lichens, “tweezer-beak” rodents, dicynodonts, and the ancient breweries of the Andes. While there is far more to Field Museum research than dinosaurs and mummies, it is understandable that these might be the first things that spring to the public's mind when they think of The Field Museum—and that's not all bad. As we suggested earlier, dinosaurs and mummies can be seen as symbols of the core research that our curators carry out. Dinosaurs, whether small and feathered or huge and ferocious, instantly signal paleontology and evolutionary biology. Ancient Egypt, while conjuring up sometimes unfortunate images of exoticism and treasure-hunting à la Indiana Jones, also reminds us of the inherent fascination of archeology, the evolution of civilizations, and the complexity of human history. As symbols, of course, dinosaurs and mummies can do little more than hint at the much greater whole they stand for. It is up to us—scientists, educators, and advocates of the Museum's mission—to complete the story of biological and cultural diversity, and to continue to communicate and promote the richness of Field Museum science, and the range of roles it plays in understanding and improving our world.



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In Memoriam

**Hy Marx
1925 – 2007**

The Field Museum curatorial faculty lost one of its most colorful characters in 2007 with the passing of Hymen “Hy” Marx, Curator Emeritus in the Division of Amphibian and Reptiles. Hy passed away on January 25 in Sun City, Arizona at age 81. Hy started at the Field as a volunteer in 1948, working as an assistant to Karl P. Schmidt. His 42-year employment began in 1950 as the Division’s first collection manager, overseeing the move of the entire Herps collection from the third floor to the ground floor, and producing the first divisional type catalog in 1958. His collection curation skills as well as his publication record while still a collections manager led to his appointment as assistant curator in 1960; he was promoted to full curator in 1973, and named Curator Emeritus upon his retirement in 1990.

Hy’s research interests and collaborations were myriad. One of his most significant collaborations, with fellow curator Robert F. Inger, led to their monumental revision of the colubrid snake genus *Calamaria*, which remains a landmark work. Other major themes in Hy’s research program included the study of the herpetofauna of Egypt, the systematics of the colubrid genera *Psammophis* and *Spalerosophis*, the phyletics of morphological characters, and the application of phyletic character analysis to convergent snake species, but the subject that interested him most by far was the evolution of the venomous snakes of the family Viperidae. In 1989, Hy’s research on the Palearctic herpetofauna, especially the vipers, was honored by the Swedish Museum of Natural History and Swedish Academy of Sciences, as one of only four Americans invited to participate in a symposium on museum studies in vertebrate zoology. Hy collaborated with George B. Rabb and Karl F. Liem on a series of papers that set the stage for the integrative studies of snake biology that have flourished over the past three decades. His 1972 survey with Rabb of 50 morphological characters in 500 snakes is still consulted by students of the biology and systematics of squamates.

The June 7, 2007 issue of *Herpetological Review* contains several affectionate reminiscences by colleagues recounting Hy’s scientific accomplishments as well as his sense of humor, loveable irascibility, and tennis skills. As Curator Harold Voris and Collections Manager Alan Resetar put it, “Hy Marx was truly one of a kind, absolutely unique, an amazing rare bird, and irreplaceable. All of our lives have been immensely enriched by knowing Hy Marx and we will miss him greatly.”

Honored Retiree

Bennet Bronson

We take this opportunity to bid a fond farewell to Ben Bronson, who retired from the Museum on December 31, 2007 after 36 years as Curator of Asian Archaeology and Ethnology—including two terms as Anthropology Chair in the early to mid 1990s. Ben’s research revolves around early ceramic and metal industries of Southeast Asia and China, and the history of international trade in Asia. He has authored nine books or monographs, and nearly 100 articles and book chapters. But Ben also has long been the Museum’s de facto expert on subjects as far-ranging as Jade, Damascus steel, Cleopatra’s ethnicity, and the origin of Chop Suey. This broad expertise was called upon to inform the Museum’s public programs. Ben’s many contributions to exhibits at The Field Museum include, most recently, the update of the Jade hall, and the major traveling shows *Splendors of Forbidden City* and *Pearls* (as well as co-authoring the accompanying books). Ben has been a great colleague, a strong advocate for the Anthropology department, and he will be greatly missed—but only occasionally, as he will continue to be affiliated with us as a Curator Emeritus for many years to come.

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Kevin M. Pitz

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Sushma Reddy

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Alan Resetar

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Mary Anne Rogers

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Petra Sierwald

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Alexey Solodovnikov

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William T. Stanley

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Margaret K. Thayer

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Janet R. Voight

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Harold K. Voris

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Jason D. Weckstein

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Mark W. Westneat

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Philip W. Willink

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PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

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ACTIVE GRANTS

DEPARTMENT OF ANTHROPOLOGY

Gordon Ambrosino

PI: Helen Robbins
Agency: National Park Service; NAGPRA
Project: Consultation with the Navajo Nation
Period: Jul 06–Jan 08
Amount: \$21,225

Co-PI: Helen Robbins
Agency: National Park Service; NAGPRA
Project: Consultation with the Nome and Wales Eskimo communities of Alaska
Period: Jun 07–Jan 08
Amount: \$34,326

L. Antonio Curet

Co-PI: Will Pestle
Agency: National Science Foundation
Project: Diet and social stratification in ancient Puerto Rico
Period: Jul 06–Dec 08
Amount: \$149,720

Scott Demel

PI: Chap Kusimba
Agency: Pembroke Community Consolidated School District #259
Project: Budding archaeologist field school 2007
Period: Jun 07–Aug 07
Amount: \$10,000

Gary M. Feinman

PI: Patrick Ryan Williams; Co-PIs: Phil Janney, Meenakshi Wadhwa
Agency: National Science Foundation
Project: Acquisition of LA-ICPMS and SEM-EDS for an elemental analysis facility at The Field Museum
Period: Sep 03–Aug 07
Amount: \$494,295

PI: Anne Underhill
Agency: National Geographic Society
Project: The Yaowangcheng polity in southeastern Shandong, China
Period: Sep 05–Mar 07
Amount: \$20,000

PI: Deborah Bekken; Co-PI: Karen Wilson
Agency: Department of Defense
Project: Iraq Cultural Heritage—The Kish Collection
Period: Aug 06–Jul 09
Amount: \$976,000

Co-PI: none
Agency: National Science Foundation
Project: The domestic economy of El Palmillo
Period: Mar 04–Feb 07
Amount: \$72,560

Jonathan Haas

Co-PI: Winifred Creamer
Agency: National Science Foundation
Project: Collaborative research: Residential variability as an indicator of social complexity in the late Archaic (3000 to 1800 BC) in the Fortaleza Valley, Peru
Period: Jul 06–Jun 08
Amount: \$115,046

Co-PI: none
Agency: Philanthropic Collaborative
Project: Americas research
Period: Apr 06–Mar 09
Amount: \$300,000

Chapurukha M. Kusimba

Co-PI: Scott Demel
Agency: Pembroke Community Consolidated School District #259
Project: Budding archaeologist field school 2007
Period: Jun 07–Aug 07
Amount: \$10,000

PI: Sibel Kusimba
Agency: National Science Foundation
Project: Archaeology and ethnography of Mount Elgon
Period: Apr 07–Mar 09
Amount: \$129,010

Debbie Linn

PI: Ruth Norton
Agency: Institute for Museum and Library Studies
Project: Conservation treatment of 159 Chinese rubbings
Period: Jul 07–Jun 09
Amount: \$75,000

Ruth Norton

Co-PI: Anne Underhill
Agency: The Blakemore Foundation
Project: Conservation of the Museum's Chinese Rubbings Collections
Period: Jun 05–May 07
Amount: \$10,000

Co-PI: Anne Underhill
Agency: E. Rhodes and Leona B. Carpenter Foundation
Project: Conservation of the Museum's Chinese Rubbings Collections
Period: Jun 05–May 07
Amount: \$50,000

Co-PI: Anne Underhill
Agency: The Blakemore Foundation
Project: Chinese Rubbings Phase II
Period: Jul 07–Jun 09
Amount: \$20,000

Co-PI: Anne Underhill
Agency: E. Rhodes and Leona B. Carpenter Foundation
Project: Chinese Rubbings Phase II

Period: Jul 07–Jun 09
Amount: \$50,000

Co-PI: Debbie Linn
Agency: Institute for Museum and Library Studies
Project: Conservation treatment of 159 Chinese rubbings
Period: Jul 07–Jun 09
Amount: \$75,000

PI: Helen Robbins
Agency: National Park Service; NAGPRA
Project: Artifact testing for return to Navajo Nation
Period: Jun 07–Jan 09
Amount: \$21,408

Helen Robbins

Co-PI: Gordon Ambrosino
Agency: National Park Service; NAGPRA
Project: Consultation with the Navajo Nation
Period: Jul 06–Jan 08
Amount: \$21,225

Co-PIs: Deborah Bekken, Francine Cabonargi
Agency: The Elizabeth F. Cheney Foundation
Project: Commissioning a new totem pole for The Field Museum
Period: Jul 05–Jul 08
Amount: \$56,000

PI: Isabel Tovar Neri
Agency: National Park Service; NAGPRA
Project: Consultation with the Zuni tribe of the Zuni Reservation, New Mexico
Period: Jul 04–Dec 07
Amount: \$43,320

Co-PI: Ruth Norton
Agency: National Park Service; NAGPRA
Project: Artifact testing for return to Navajo Nation
Period: Jun 07–Jan 09
Amount: \$21,408

Anne P. Underhill

Co-PI: Gary Feinman
Agency: National Geographic Society
Project: The Yaowangcheng polity in southeastern Shandong, China
Period: Sep 05–Mar 07
Amount: \$20,000

PI: Ruth Norton
Agency: The Blakemore Foundation
Project: Conservation of the Museum's Chinese Rubbings Collections
Period: Jun 05–May 07
Amount: \$10,000

PI: Ruth Norton
Agency: E. Rhodes and Leona B. Carpenter Foundation
Project: Conservation of the Museum's Chinese Rubbings Collections

Period: Jun 05–May 07
Amount: \$50,000

PI: Ruth Norton
Agency: The Blakemore Foundation
Project: Chinese Rubbings Phase II
Period: Jul 07–Jun 09
Amount: \$20,000

PI: Ruth Norton
Agency: E. Rhodes and Leona B. Carpenter Foundation
Project: Chinese Rubbings Phase II
Period: Jul 07–Jun 09
Amount: \$50,000

Patrick Ryan Williams

Co-PIs: Gary Feinman, Phil Janney, Meenakshi Wadhwa
Agency: National Science Foundation
Project: Acquisition of LA-ICPMS and SEM-EDS for an elemental analysis facility at The Field Museum
Period: Sep 03–Aug 07
Amount: \$494,295

Karen Wilson

PI: Deborah Bekken
Agency: Department of Defense
Project: Iraq Cultural Heritage—The Kish Collection
Period: Aug 06–Jul 09
Amount: \$976,000

DEPARTMENT OF BOTANY

Michael O. Dillon

Co-PIs: Bill Alverson, Joanna McCaffrey, Christine Niezgoda
Agency: National Science Foundation
Project: Digital access to The Field Museum's Neotropical plant types collection
Period: Jan 05–Apr 08
Amount: \$320,715

Co-PI: Jun Wen
Agency: National Science Foundation
Project: Phylogenetic systematics of *Nolana* (Solanaceae) and biogeographic implications for the Atacama and Peruvian deserts
Period: Oct 04–Aug 07
Amount: \$300,000

Co-PI: none
Agency: The Mellon Foundation
Project: Latin American plants
Period: Jan 07–Mar 08
Amount: \$169,000

John Engel

Co-PI: Matt von Konrat
Agency: National Science Foundation

Project: Collaborative Research: AToL: Assembling the liverwort tree of life: A window into the evolution and diversification of early plants
Period: Jan 06–Dec 10
Amount: \$101,348

Sabine M. Huhndorf

Co-PI: none
Agency: National Science Foundation
Project: Studies in the Lasiosphaeriaceae II: Monograph of Podospora and Phylogeny of Lasiosphaeria/Sordariaceae Group
Period: Sep 01–Aug 08
Amount: \$744,579

Robert Lücking

PI: Thorsten Lumbsch
Agency: National Science Foundation
Project: Phylogeny and taxonomy of ostropalean Fungi, with emphasis on the Lichen-forming Thelotremataceae
Period: Sep 05–Aug 08
Amount: \$281,325

Co-PI: none
Agency: National Science Foundation
Project: NEOTROPICAL EPIPHYTIC MICROLICHENS—An innovative inventory of a highly diverse yet little known group of symbiotic organisms
Period: Oct 07–Sep 10
Amount: \$448,873

Co-PI: none
Agency: The Christopher Reynolds Foundation
Project: Lichen workshops for Cuban students
Period: Aug 07–Dec 07
Amount: \$8,775

H. Thorsten Lumbsch

Co-PI: Robert Lücking
Agency: National Science Foundation
Project: Phylogeny and taxonomy of ostropalean Fungi, with emphasis on the Lichen-forming Thelotremataceae
Period: Sep 05–Aug 08
Amount: \$281,325

PI: Matt von Konrat
Agency: National Geographic Society
Project: Biodiversity studies of the liverwort and lichen flora of the islands of Fiji
Period: Jan 07–Dec 07
Amount: \$19,870

Gregory M. Mueller

Co-PI: none
Agency: National Science Foundation
Project: RevSys: Monographing a model clade of ectomycorrhizal Fungi, Laccaria-Hydangium
Period: Jan 05–Jan 08
Amount: \$380,055

Co-PIs: H. Bassirad, J. Lussenhop, R. Miller
Agency: National Science Foundation
Project: Subcontract to: Mycorrhizal regulation of ecosystem response to chronic nitrogen deposition
Period: Sep 02–Aug 07
Amount: \$229,818

PI: Richard Ree; Co-PI: Jun Wen
Agency: John D and Catherine T. MacArthur Foundation
Project: Building Capacity for Biodiversity Research, Conservation, and Education in Eastern Himalaya
Period: Oct 02–Feb 09
Amount: \$480,000

Co-PIs: none
Agency: National Science Foundation
Project: REU Supplement to: REVSYS: Monographing a Model Clade of Ectomycorrhizal Fungi: Laccaria-Hydangium
Period: Jul 07–Jun 08
Amount: \$6,000

Christine Niezgoda

PI: Michael Dillon; Co-PIs: Bill Alverson, Joanna McCaffrey
Agency: National Science Foundation
Project: Digital access to The Field Museum's Neotropical plant types collection
Period: Jan 05–Apr 08
Amount: \$320,715

Richard Ree

Co-PI: none
Agency: National Science Foundation
Project: REVSYS: Classification, phylogeny, and biogeography of Corydalis (Fumariaceae)
Period: Sep 06–Aug 09
Amount: \$249,912

Co-PI: Greg Mueller, Jun Wen
Agency: John D and Catherine T. MacArthur Foundation
Project: Building Capacity for Biodiversity Research, Conservation, and Education in Eastern Himalaya
Period: Oct 02–Feb 09
Amount: \$480,000

Matt von Konrat

PI: John Engel
Agency: National Science Foundation
Project: Collaborative Research: AToL: Assembling the liverwort tree of life: A window into the evolution and diversification of early plants
Period: Jan 06–Dec 10
Amount: \$101,348

Co-PI: Thorsten Lumbsch
Agency: National Geographic Society
Project: Biodiversity studies of the liverwort and lichen flora of the islands of Fiji
Period: Jan 07–Dec 07
Amount: \$19,870

DEPARTMENT OF GEOLOGY

Lance Grande

Co-PI: none

Agency: National Science Foundation

Project: Collaborative Research: Integrated study of an exceptional avifauna from the Eocene Green River Formation: New data on avian evolution and taphonomy

Period: Aug 07–Aug 10

Amount: \$49,994

Co-PI: Eric Hilton

Agency: National Science Foundation

Project: Comparative osteology and phylogenetic systematics of fossil and living sturgeons (Actinopterygii, Acipenseriformes), part 2

Period: Sep 04–Aug 07

Amount: \$185,076

PI: Eric Hilton

Agency: National Science Foundation

Project: Comparative osteology and phylogenetic systematics of fossil and living sturgeons (Actinopterygii, Acipenseriformes), part 2

Period: Sep 04–Aug 07

Amount: \$185,076

Peter J. Makovicky

Co-PI: none

Agency: National Science Foundation

Project: Collaborative research: The role of development and life history traits in the evolution of ceratopsian dinosaurs

Period: Sep 04–Sep 08

Amount: \$99,292

Co-PI: none

Agency: National Science Foundation

Project: Collaborative Research: Archosaur Phylogeny—a Total Evidence Approach at Fine Taxonomic Level

Period: Sep 02–Aug 07

Amount: \$93,525

Olivier C. Rieppel

PI: Maureen Kearney

Agency: National Science Foundation

Project: An Integrative Approach to the Problem of Snake Origins

Period: Jun 03–May 07

Amount: \$179,854

PI: Maureen Kearney

Agency: National Science Foundation

Project: ATOL: Collaborative research: The deep scaly project: Resolving squamate phylogeny using genomic and morphological approaches

Period: Jan 04–Dec 08

Amount: \$553,414

Peter J. Wagner

Co-PI: none

Agency: National Science Foundation

Project: Testing the Generality of Macroevolutionary Patterns with Bellerophont Molluscs
Period: Sep 02–Aug 08
Amount: \$68,319

DEPARTMENT OF ZOOLOGY

John M. Bates

PI: Jason Weckstein
Agency: National Science Foundation
Project: Bridging micro and macroevolutionary history: Population genetics of coevolutionary history
Period: Aug 05–Jul 08
Amount: \$344,305

PI: Jason Weckstein
Agency: National Science Foundation
Project: REU supplement request for Bridging micro and macroevolutionary history: Population genetics of coevolutionary history
Period: Aug 05–Jul 08
Amount: \$6,250

PI: Jason Weckstein
Agency: National Science Foundation
Project: REU supplement to DEB-0515672: Bridging Micro and Macroevolutionary Patterns: Population Genetics of Coevolutionary History
Period: Jun 07–May 08
Amount: \$6,000

Rüdiger Bieler

Co-PI: Paula Mikkelson
Agency: National Science Foundation
Project: Bivalves: Research, Training, Electronic Dissemination of Data
Period: Sep 99–Aug 08
Amount: \$749,634

Co-PI: Paula Mikkelson
Agency: National Science Foundation
Project: Supplement for Bivalves: Research, Training, Electronic Dissemination of Data
Period: Jan 05–Aug 08
Amount: \$29,246

Co-PI: none
Agency: National Science Foundation
Project: Collaborative Research: AToL: Phylogeny on the half-shell—Assembling the Bivalve Tree of Life
Period: Jan 08–Aug 12
Amount: \$1,345,017

Norbert J. Cordeiro

Co-PI: Jason John
Agency: Critical Ecosystem Partnership Fund/CI Foundation
Project: Population estimates of threatened birds in the East Usumbara Mountains, Tanzania
Period: Dec 05–May 08
Amount: \$19,960

Carl W. Dick

Co-PIs: Joanna McCaffrey, Al Newton, Bruce Patterson

Agency: National Science Foundation
Project: Bat flies like an E-Mu: Digitization, conversion, and accessibility of The Field Museum's bat fly collection
Period: Feb 06–Jan 09
Amount: \$406,912

Co-PI: Bruce Patterson
Agency: National Science Foundation
Project: Collaborative Research: Phylogeny of the bat flies of the world—insights into trends in host associations and ectoparasitism
Period: Apr 07–Mar 10
Amount: \$199,998

Steven M. Goodman

Co-PI: Anne Yoder
Agency: National Science Foundation
Project: Collaborative research: Testing the role of historical geology and rivers in for shaping the distribution of land vertebrate biodiversity in western Madagascar
Period: Sep 05–Aug 08
Amount: \$159,997

Co-PI: none
Agency: The Beneficia Foundation
Project: Conservation research and training in Madagascar
Period: Jun 06–May 07
Amount: \$20,000

Co-PI: none
Agency: The Beneficia Foundation
Project: Ecology of *Myzopoda schliemanni*: A poorly known family of bats endemic to western Madagascar
Period: Apr 07–Dec 09
Amount: \$30,000

Co-PI: none
Agency: The John D. and Catherine T. MacArthur Foundation
Project: Continued capacity building for Malagasy conservation biologists: Support for Vahatra
Period: Sep 07–Dec 10
Amount: \$325,000

Shannon J. Hackett

Co-PI: none
Agency: National Science Foundation
Project: Collaborative Research: Early Bird: A Collaborative Project to Resolve the Deep Nodes of Avian Phylogeny
Period: Oct 02–Sep 08
Amount: \$903,695

Co-PI: Sushma Reddy
Agency: National Science Foundation
Project: Collaborative Research: Avian diversification across tropical Asia: a systematic and biogeographic analysis of babblers (Aves: Timaliidae)
Period: Jan 08–Dec 10
Amount: \$238,420

Larry R. Heaney

Co-PI: Bill Stanley

Agency: National Science Foundation

Project: Collaborative Research: Curation, Data Basing, and Integration of the Orphaned Illinois Mammal Collection

Period: Jan 08–Dec 09

Amount: \$32,998

Robert F. Inger

PI: Harold Voris; Co-PI: Bryan Stuart

Agency: The John D. and Catherine T. MacArthur Foundation

Project: Herpetological biodiversity and biogeography in the lower Mekong river basin

Period: May 06–Apr 09

Amount: \$305,000

Maureen Kearney

Co-PI: Olivier Rieppel

Agency: National Science Foundation

Project: An Integrative Approach to the Problem of Snake Origins

Period: Jun 03–May 07

Amount: \$179,854

Co-PI: Olivier Rieppel

Agency: National Science Foundation

Project: ATOL: Collaborative research: The deep scaly project: Resolving squamate phylogeny using genomic and morphological approaches

Period: Jan 04–Dec 08

Amount: \$553,414

Alfred F. Newton

Co-PIs: Carl Dick, Joanna McCaffrey, Bruce Patterson

Agency: National Science Foundation

Project: Bat flies like an E-Mu: Digitization, conversion, and accessibility of The Field Museum's bat fly collection

Period: Feb 06–Jan 09

Amount: \$406,912

PI: Margaret Thayer

Agency: National Science Foundation

Project: PEET: Monography, Phylogeny, and Historical Biogeography of Austral Staphylinidae (Coleoptera)

Period: Sep 01–Aug 07

Amount: \$719,831

Co-PI: Alexey Solodovnikov

Agency: National Science Foundation

Project: Collaborative Research: Phylogenetic reclassification and generic revision of the rove beetle tribe Staphylinini (Insecta: Coleoptera: Staphylinidae)

Period: Sep 07–Aug 10

Amount: \$114,742

Bruce D. Patterson

Co-PIs: Samuel Kasiki, Alex Mwazo

Agency: Earthwatch

Project: Behavior and ecology of lions and biodiversity in Tsavo's arid woodlands

Period: Jan 07–Dec 07

Amount: \$158,060

PI: Carl Dick; Co-PIs: Joanna McCaffrey, Al Newton

Agency: National Science Foundation

Project: Bat flies like an E-Mu: Digitization, conversion, and accessibility of The Field Museum's bat fly collection

Period: Feb 06–Jan 09

Amount: \$406,912

PI: Carl Dick

Agency: National Science Foundation

Project: Collaborative Research: Phylogeny of the bat flies of the world—insights into trends in host associations and ectoparasitism

Period: Apr 07–Mar 10

Amount: \$199,998

Sushma Reddy

Co-PI: Shannon Hackett

Agency: National Science Foundation

Project: Collaborative Research: Avian diversification across tropical Asia: a systematic and biogeographic analysis of babblers (Aves: Timaliidae)

Period: Jan 08–Dec 10

Amount: \$238,420

Petra Sierwald

Co-PI: Ward Wheeler

Agency: National Science Foundation

Project: Subaward to: Assembling the Tree of Life: Phylogeny of Spiders

Period: Oct 02–Sep 08

Amount: \$53,891

Co-PI: Jason Bond

Agency: National Science Foundation

Project: The Diplopoda: Systematics research, training and tools

Period: Jan 06–Dec 10

Amount: \$748,955

Co-PI: Norman Platnick

Agency: National Science Foundation

Project: PBI—Collaborative Research: The megadiverse, microdistributed spider family Oonopidae

Period: Sep 06–Aug 11

Amount: \$62,166

Leo Smith

Co-PI: none

Agency: National Science Foundation

Project: Collaborative Research: Assembling the Euteleost Tree of Life—Addressing the Major Unresolved Problem in Vertebrate Phylogeny

Period: Oct 07–Sep 12

Amount: \$261,598

Co-PI: none

Agency: National Science Foundation; subcontract through Yale

Project: Collaborative Research: Phylogenetics and key innovations in labroid fishes

Period: Aug 07–Jul 10

Amount: \$12,500

William T. Stanley

Co-PI: none

Agency: Critical Ecosystem Partnership Fund/ CI Foundation

Project: Small mammal studies in three important Eastern Arc mountains for the creation of innovative educational, scientific, and conservation tools

Period: Jun 05–Dec 08

Amount: \$150,000

Co-PI: none

Agency: Critical Ecosystem Partnership Fund/CI Foundation

Project: Survey of microchiropteran bats of Mafia, Pemba, and Zanzibar islands and subsequent creation of innovative educational, scientific, and conservation tools

Period: Jun 05–Dec 08

Amount: \$15,000

PI: Larry Heaney

Agency: National Science Foundation

Project: Collaborative Research: Curation, Data Basing, and Integration of the Orphaned Illinois Mammal Collection

Period: Jan 08–Dec 09

Amount: \$32,998

Margaret Thayer

Co-PI: none

Agency: National Science Foundation

Project: Staphyliniformia section of Assembling the Beetle Tree of Life (BTOL)

Period: Oct 05–Sep 09

Amount: \$125,951

Co-PI: Al Newton

Agency: National Science Foundation

Project: PEET: Monography, Phylogeny, and Historical Biogeography of Austral Staphylinidae (Coleoptera)

Period: Sep 01–Aug 08

Amount: \$719,831

Harold K. Voris

Co-PI: Robert Inger

Agency: The John D. and Catherine T. MacArthur Foundation

Project: Herpetological biodiversity and biogeography in the lower Mekong river basin

Period: May 06–Apr 09

Amount: \$305,000

Jason D. Weckstein

Co-PI: John Bates

Agency: National Science Foundation

Project: Bridging micro and macroevolutionary history: Population genetics of coevolutionary history

Period: Aug 05–Jul 08

Amount: \$344,305

Co-PI: John Bates

Agency: National Science Foundation

Project: Bridging micro and macroevolutionary history: Population genetics of coevolutionary history

Period: Aug 05–Jul 08

Amount: \$6,250

Co-PI: John Bates
Agency: National Science Foundation
Project: REU supplement to DEB-0515672 Bridging Micro and Macroevolutionary Patterns: Population Genetics of Coevolutionary History
Period: Jun 07–May 08
Amount: \$6,000

Mark W. Westneat

Co-PI: none
Agency: National Science Foundation
Project: Phylogenetics and Evolutionary Biomechanics of Coral Reef Fishes
Period: Jan 03–Jul 07
Amount: \$315,163

Co-PI: none
Agency: The John D. and Catherine T. MacArthur Foundation; subcontract through Smithsonian
Project: Biodiversity Synthesis Center
Period: Jul 07–Jun 09
Amount: \$1,500,000

Philip Willink

Co-PI: none
Agency: National Fish and Wildlife Foundation
Project: Field guide to the fishes and crayfishes of Midewin National Tallgrass Prairie
Period: Jul 06–Apr 08
Amount: \$10,000

OFFICE OF COLLECTIONS AND RESEARCH

Deborah Bekken

Co-PI: Lori Grove
Agency: Illinois Arts Council
Project: IAC General Operating Support 2008
Period: Sep 07–Aug 08
Amount: \$55,190

Co-PI: Pamela Clayburn
Agency: Housing and Urban Development
Project: Collections Resource Center (HUD-II)
Period: Jul 05–Jun 07
Amount: \$347,200

Co-PI: none
Agency: Illinois Arts Council
Project: General operating support 2007
Period: Sep 06–Aug 07
Amount: \$76,650

Co-Pis: Gary Feinman, Karen Wilson
Agency: Department of Defense
Project: Iraq Cultural Heritage—The Kish Collection
Period: Aug 06–Jul 09
Amount: \$976,000

Co-Pis: Steve Nash, Will Pestle
Agency: National Endowment for the Humanities
Project: Reconciling the Past: A catalogue of scattered collections
Period: Sept 04–Aug 07
Amount: \$99,984

Co-PI: Will Pestle
Agency: International Partnerships Among Museums (AAM)
Project: IPAM/Iraq project for collections management and conservation
Period: Jun 05–Dec 07
Amount: \$0 (grant program provides interns at the Museum, not direct funding)

PI: Carolyn Jacobs
Agency: Illinois Arts Council; Special Assistance Grants
Project: Americas Media Preview performance support
Period: Mar 07–Jul 07
Amount: \$750

PI: Joanna McCaffrey; Co-PI: Bill Barnett
Agency: Institute of Museum and Library Services
Project: Common Ground
Period: Jul 05–Jun 08
Amount: \$796,000

Joanna McCaffrey

PI: Carl Dick; Co-PIs: Al Newton, Bruce Patterson
Agency: National Science Foundation
Project: Bat flies like an E-Mu: Digitization, conversion, and accessibility of The Field Museum's bat fly collection
Period: Feb 06–Jan 09
Amount: \$406,912

PI: Michael Dillon; Co-PIs: Bill Alverson, Christine Niezgodla
Agency: National Science Foundation
Project: Digital access to The Field Museum's Neotropical plant types collection
Period: Jan 05–Apr 08
Amount: \$320,715

Co-PIs: Bill Barnett, Deborah Bekken
Agency: Institute of Museum and Library Services
Project: Common Ground
Period: Jul 05–Jun 08
Amount: \$796,000

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

Co-PI: Samuel Gruber
Agency: National Science Foundation
Project: Collaborative Research: A comparison of the mating system and evolutionary potential of lemon sharks, *Negaprion brevirostris* (Poey), at two nursery sites in the western Atlantic
Period: Feb 07–Jan 11
Amount: \$206,282

COLLABORATIVE PARTNERSHIPS—Fiscal Agent other than Field Museum

Gregory M. Mueller

Co-PI: n/a

Agency: Department of Education

Project: GAANN training in evolutionary environmental biology

Period: Sep 06–Aug 09

Amount: Training support only

Bruce D. Patterson

Co-PI: Paul Velazco

Agency: National Science Foundation

Project: International: Historical diversification in the Neotropics: Evolution and variation of the bat genus *Platyrrhinus* (Chiroptera: Phyllostomidae)

Period: Jun 07–May 08

Amount: \$15,000

CONFERENCES, SYMPOSIA, WORKSHOPS AND INVITED LECTURES, 2007

DEPARTMENT OF ANTHROPOLOGY

Daniela Bono

American Association of Museums Annual Meeting, Chicago, IL; Cyprus American Archaeological Research Institute, Summer Workshop, Nicosia, Cyprus.

L. Antonio Curet

Invited Lectures: Ben Rouse's Legacy Memorial Conference, Peabody Museum, Yale University, New Haven, CT; Department of Anthropology, University of Indiana, Bloomington; Department of Anthropology of the University of Wisconsin in Madison; Conservatorio: Paradigmas Arqueológicos, Consejo para la Protección del Patrimonio Arqueológico Terrestre de Puerto Rico, San Juan.

Laure Dussubieux

Invited lecturer, Mobile XRF in Museums: Applications for Anthropology and Natural History, The Field Museum; Invited lecturer, South Suburban Archaeological Society, Chicago Archaeological Society, LA-ICP-MS lecture series, The Field Museum. Second International Conference on Archaeometallurgy in Europe, Aquileia and Grado, Italy, XXIst International Congress on Glass, Strasbourg, France.

Gary M. Feinman

29th Coloquio de Antropología e Historia Regionales, El Colegio de Michoacan, Zamora, MX; 72nd Annual Meeting of the Society for American Archaeology, Austin, TX; 40th Annual Chacmool Conference, University of Calgary; Regional Survey, Rizhao Museum, Rizhao, China.

Jonathan Haas

Society for American Archaeology, San Antonio, TX.

Sophie Hammond-Hagman

The American Institute For Conservation of Historic & Artistic Works, Richmond, VA; Symposium on Digital Imaging for Conservation, Cambridge MA; Symposium on Identification of Paints in Modern Art, Chicago, IL; Midwest Regional Conservation Group Symposium, Chicago, IL.

Hildegard Heine

The Transportation Zone Project, CACG/Museum of Science and Industry, Chicago; Introduction to the Microscopical Identification of Conservation Materials, McCrone College of Microscopy, Westmont, IL; Innovex-XRF, Oxford and Keymaster, The Field Museum; Identification of Exotic Woods, McCrone Research Institute, Chicago, IL; Mobile XRF in Museums: Applications for Anthropology and Natural History Collections, The Field Museum; Photochemical Processes in Art and Other Standards, Art Institute of Chicago/Northwestern University Seminar Series on Conservation Science, Northwestern University, Evanston, IL; IPM Training, The Field Museum; The Use of Commercial Paint on Art Objects, Art Institute of Chicago/Northwestern University Seminar Series on Conservation Science, Art Institute of Chicago; Applications of LA-ICP-MS, The Field Museum; Introduction to the Microscopical Identification of Conservation Materials, McCrone College of Microscopy, Westmont, IL.

Marianne Klaus

Design and Construction of Mounts for Exhibitions workshop, Campbell Center for Historic Preservation Studies, Mount Carroll, IL; Packing and Shipping workshop, Campbell Center for Historic Preservation Studies, Mount Carroll, IL; Museums and Indigenous Perspectives seminar, The Newberry Library, Chicago, IL; Midwest Regional Conservation Group meeting, Chicago History Museum; XRF training and seminar participation, The Field Museum.

Debbie Linn

Assistant Organizer, "Mobile XRF in Museum," The Field Museum; Aniko Bezur, Art Institute of Chicago; Innovex, at The Field Museum; "Photochemical Processes in Art and Other Standards," hosted by the Art

Institute of Chicago and Northwestern University.

Robert D. Martin

Invited lecturer, San Francisco, CA; Invited lecturer, University of Chicago; Guest lecturer, Department of Anthropology, University of Illinois at Chicago; Guest lecturer, UCSD Project for Explaining the Origin of Humans, Salk Institute for Biological Studies, University of California at San Diego, La Jolla; Invited lecturer, Montgomery Place Residents' Association, Hyde Park, Chicago; Invited lecturer, Stone Age Institute, Indiana University, Bloomington; Invited seminar, Department of Anthropology, Harvard University, Cambridge, MA; Invited lecturer, International Seminar on Southeast Asian Paleoanthropology, Gadjah Mada University, Yogyakarta, Indonesia; Invited lecturer, Hunter Council Chamber, Victoria University of Wellington, New Zealand; Session chair and invited participant, Evolutionary Anthropology at the Interface, Wenner-Gren Foundation and Center for the Study of Human Origins, New York University; Invited seminar, Paul Scherrer Institute, Federal University (ETH) of Zürich; Invited contribution, Darwin Symposium, The Field Museum; Invited lecturer, Celebrating 40 Years of British Primatology, The Primate Society of Great Britain, Zoological Society of London

Laura Neufeld

Conservation Science Seminar: Photochemical Processes in Art and Other Standards, Northwestern University, IL; Conservation Science Seminar: The impact of house paints on the artist's palette, Art Institute of Chicago; Mobile XRF in Museums: Applications for Anthropology and Natural History Collections, The Field Museum.

Linda M. Nicholas

29th Coloquio de Antropología e Historia Regionales, El Colegio de Michoacan, Zamora, MX; 72nd Annual Meeting of the Society for American Archaeology, Austin, TX; 40th Annual Chacmool Conference, University of Calgary, Calgary; Regional Survey, Rizhao Museum, Rizhao, China.

Cheryl Podsiki

Preserving Aboriginal Heritage, CCI, Ottawa, Canada; Coordinator, Mobile XRF in Museums: Applications for Anthropology and Natural History Collections, The Field Museum; Advanced XRF training, Bruker-AXS hand-held, Kennewick, WA; Photochemical Processes in Art and Other Standards, Art Institute of Chicago; Crossing Boundaries: the impact of house paints on the artist's palette, Art Institute of Chicago.

John Edward Terrell

7th International Lapita Conference, Honiara, Solomon Islands.

Anne P. Underhill

Introductory talk (in Chinese) on the Shandong University-Field Museum Systematic, Regional Survey Project; Workshop for Eastern Shandong Team for National Survey Project, Rizhao Museum, Rizhao, Shandong, China; Panelist, Cultural Property Law and the Antiquities Market in China, American Bar Association, Washington, D.C.; Invited lecturer, Social Asset Mapping: Linking People to Conservation in Yunnan, Art Institute of Chicago.

Alaka Wali

American Anthropological Association Annual Meetings, Washington, DC; National Women's Studies Association, Pheasant Run, St. Charles, IL; American Association of Museums Annual Meetings, Chicago, IL; Society for Applied Anthropology Annual Meetings, Tampa Bay, FL.

Patrick Ryan Williams

46th Annual Meeting of the Institute for Andean Studies, Berkeley, CA; Excavating an Imperial Brewery at Cerro Baúl, Peru, South Suburban Archaeological Society; South Andean Iconographic Series, Cotsen Institute of Archaeology at UCLA, Dumbarton Oaks and the University of Chile, Santiago, Chile; Technology and Archaeology Workshop, Dumbarton Oaks, Washington, D.C.

DEPARTMENT OF BOTANY

Michael O. Dillon

Invited lecturer, Western Michigan University, Kalamazoo; Botany 2007, American Institute of Biological Sciences, Chicago, IL; National Congress of Peruvian Biology Students, Tacna, Peru.

Kentaro Hosaka

Department of Botany Seminar Series, National Museum of Nature and Science, Tsukuba, Japan; Department Seminar Series, Kunming Institute of Botany, Kunming, Yunnan, China; International Workshop of Edible Mycorrhizal Mushrooms, Chuxiong, Yunnan, China.

Patrick Leacock

Wild Things 2007 Conference, Chicago, IL; Indiana Dunes Research Forum, Hammond, IN; Lake County Forest Preserve District Smith Symposium, Libertyville, IL; Invited lecturer, Morton Arboretum, Lisle, IL.

Robert Lücking

Reunión del Grupo Latinoamericano de Liquenólogos, Lima, Peru; Instructor, OTS Specialty, Las Cruces, Costa Rica; Instructor, NSF "Neotropical Epiphytic Microlichens" Workshop, São Paulo, Brazil; Instructor, NSF "Neotropical Epiphytic Microlichens" Workshop, La Paz, Bolivia; Instructor, NSF "Neotropical Epiphytic Microlichens" Workshop, Lima, Peru; Instructor, "Análisis Multivariado," Universidad Peruana Cayetano Heredia, Lima, Peru.

H. Thorsten Lumbsch

American Bryological and Lichenological Society Meeting, Xalapa, Mexico; Spanish Society for Cryptogamic Botany Meeting, Leon, Spain; Universidad Complutense de Madrid, Spain.

Gregory M. Mueller

Presidential address, 75th Mycological Society of America Annual Meeting, Baton Rouge, LA; XV Congress of European Mycologists—1st European Mycological Association Meeting, St. Petersburg, Russia; Botanical Society of America-American Society of Plant Taxonomist Meeting, Chicago, IL; 1st Workshop and Symposium on Pyrenees Fungi, Moulis, France; Indiana Dunes Research Forum, Hammond, IN.

Christine Niezgoda

Annual Society for the Preservation of Natural History Collections (SPNHC), St. Paul, MN; Latin American Plants Initiative training course, New York Botanical Garden, Bronx, NY; Latin American Plant Initiative annual meeting, Panama City, Panama.

Richard Ree

University of Michigan, Ann Arbor; University of Illinois at Chicago; Morton Arboretum, IL; Northwestern University, IL; Invited speaker, symposium on "Historical Biogeography of the Mediterranean," University of Zurich; Society for the Study of Evolution annual meeting, Christchurch, New Zealand; Botany 2007, Chicago, IL; National Evolutionary Synthesis Center, Durham, NC (three working groups); Encyclopedia of Life Plant Species Pages meeting, Missouri Botanical Garden.

Betty Strack

75th Mycological Society of America Annual Meeting, Baton Rouge, LA; Congress of European Mycologists, St. Petersburg, Russia; Workshop and Symposium on Pyrenees Fungi, Moulis, France.

Gayle Tonkovich

Presenter, Lake County Forest Preserve District Smith Symposium workshop at Independence Grove, Libertyville, IL.

Matt von Konrat

World Bryology Conference, International Association of Bryologists, Kuala Lumpur, Malaysia.

DEPARTMENT OF GEOLOGY

Kenneth D. Angielczyk

Annual Meeting of the Society for Integrative and Comparative Biology, Phoenix, AZ; 67th Annual meeting of the Society of Vertebrate Paleontology, Austin, TX; Annual Meeting of the Geological Society of America, Denver, CO; Invited Speaker, Quantitative and System Biology, University of California, Merced.

John R. Bolt

67th Annual meeting of the Society of Vertebrate Paleontology, Austin, TX; Oral presentation to special symposium on lissamphibian origins.

Marlene Hill Donnelly

Coordinator: Traditional Presentations, Technique Showcase, Paleotalks, Guild of Natural Science Illustrators Annual Conference, Bozeman, MN; Presenter, "Mixing Greens" workshop, Guild of Natural Science Illustrators Annual Conference, Bozeman, MN.

Ian Glasspool

Fieldtrip organizer, Plant Biology and Botany Joint Congress 2007, Chicago.

Lance Grande

Invited lecturer, American Society of Ichthyologists and Herpetologists, St. Louis, MO; Invited lecturer, McGowan Charitable Fund, Chicago.

Lenny Kouwenberg

Poster contributor, Botany 2007—BSA Annual Meeting, Chicago, IL; Lecture contributor, Annual Meeting of the Geological Society of America, Denver, CO; Invited lecturer, Mineralogical Society of America (MSA) workshop "Paleoaltimetry: Geochemical and Thermodynamic Approaches," Denver, CO.

Scott Lidgard

Invited lecturer, 14th Conference of the International Bryozoological Association, Appalachian State University, NC; Invited seminar, The Field Museum; Workshop organizer, 1st Encyclopedia of Life Biodiversity Synthesis Center Workshop, The Field Museum.

Peter J. Makovicky

67th Annual meeting of the Society of Vertebrate Paleontology, Austin, TX; Ceratopsian Symposium, Royal Tyrell Museum of Palaeontology, Drumheller AB; Invited lecturer, Columbia College, Chicago; Invited lecturer, School of Earth and Planetary Sciences, Peking Univ. China; Invited lecturer, Dept. of Geophysical Sciences, University of Chicago; Invited lecturer, Dept. of Geology, North Carolina State University, Raleigh; Invited lecturer, The Field Museum.

Olivier Rieppel

8th International Congress of Vertebrate Morphology, Paris; Sir Julian Huxley Lecture, The Systematics Association, London; Dept. of Oral Biology, University of Illinois at Chicago; Committee of Evolutionary Biology, University of Chicago.

Akiko Shinya

67th Annual meeting of the Society of Vertebrate Paleontology, Austin, TX.

William D. Turnbull

67th Annual meeting of the Society of Vertebrate Paleontology, Austin, TX.

Deborah Wagner

67th Annual meeting of the Society of Vertebrate Paleontology, Austin, TX

DEPARTMENT OF ZOOLOGY

Thomas G. Anton

American Society of Ichthyologists and Herpetologists, Herpetologist's League, and Society for the Study of Amphibians and Reptiles joint annual meeting, St. Louis, MO.

John M. Bates

Co-organizer, "Diversification in the Neotropics: phylogenetic patterns and historical processes" paired symposia, Neotropical Ornithological Congress, Maturín, Venezuela; Co-organizer and presenter, Collections Databases workshop, Neotropical Ornithological Congress, Maturín, Venezuela; Invited Seminar, Benedictine College; Invited seminar, Lake Forest College; Invited seminar, Valparaiso University.

Rüdiger Bieler

Host and organizer, Bivalve-ATOL Collaborators meeting, The Field Museum; Invited lecturer, International Congress of Malacology, Antwerp, Belgium.

James H. Boone

Wild Things 2007 Conference, Chicago Wilderness, Chicago, IL.

Carl W. Dick

American Society of Mammalogists annual meeting, Albuquerque, NM; "Avances de la Mastozoología en el Perú" symposium, Universidad Nacional Mayor de San Marcos, Lima, Perú; Indiana State University Invited Seminar Series, Terre Haute, IN; South-East Asian Bat Research Conference international meeting, Phuket, Thailand; Southeastern Bat Diversity Network and Seventeenth colloquium on Conservation of Mammals in the Southeastern United States, Destin, FL.

Steven M. Goodman

Invited lecturer, Direction Nationale de l'Environnement, Republic of the Comoros; Invited lecturer, Le naturaliste Maore, Mayotte, France; Cleveland Biodiversity Consortium, Cleveland, OH.

Shannon J. Hackett

Organizer and participant, "Early Bird: Assembling the Avian Tree of Life," conference, Wayne State University, MI; Paper co-author, Society for the Study of Evolution annual meeting, New Zealand; Participant, "Integrating the Tree and Barcodes of Life," conference, National Evolutionary Synthesis Center, NC.

Lawrence R. Heaney

American Society of Mammalogists, Albuquerque, NM; Research in Higher Education Institutions international conference, Cebu City, Philippines; Southwestern University, Cebu City, Philippines; Wildlife Conservation Society of the Philippines, Davao City, Philippines.

Janeen Jones

North American KE Emu Users Group and SIG, New York, NY.

Maureen Kearney

Host, "Tree of Life" Squamate Working Group meeting, The Field Museum.

Julian C. Kerbis Peterhans

Presenter, Board of Trustees, Roosevelt University, IL.

Alfred F. Newton

22nd International Staphylinidae meeting, Stuttgart, Germany; Coleoptera ATOL workshop, Montana State University, Bozeman, MT; Entomological Society of America, Entomological Collections Network, Coleopterists Society annual meetings, San Diego, CA.

Bruce D. Patterson

American Society of Mammalogists, Albuquerque, NM; “Avances de la Mastozoología en el Perú” symposium, Universidad Nacional Mayor de San Marcos, Lima, Perú; Department of Psychology, University of Wisconsin, Madison, WI; First International Southeast Asian Bat Conference, Phuket, Thailand; International Biogeography Society, Tenerife, Gran Canaria.

Kevin M. Pitz

“A Lifetime of Contributions to Myriapodology and the Natural History of Virginia: A Symposium in Honor of Richard L. Hoffman’s 80th Birthday,” Matrinsville, VA.

Alan Resetar

Keynote presenter, Midwest Partners in Amphibian and Reptile Conservation (PARC) meeting, Chesterton, IN.

Clara Richardson

Guild of Natural Science Illustrators conference, Bozeman, MT.

Mary Anne Rogers

American Society of Ichthyologists and Herpetologists, St. Louis, MO; American Society of Mammalogists, Albuquerque, NM.

Petra Sierwald

International Congress of Arachnology, Sao Paulo, Brazil; SPIDER-AToL meeting, Buenos Aires, Argentina; “Spiderfamily Ooonopidae” workshop, Sao Paulo, Brazil; Invited lecturer, Millipede Systematics symposium for Dr. Richard Hoffman, Virginia Museum of Natural History.

William T. Stanley

American Society of Mammalogists, Albuquerque, NM; German Ecological Society, Bonn, Germany; Tanzania Wildlife Research Institute, Arusha, Tanzania; University of Illinois at Champaign-Urbana; University of Wisconsin, Madison; Yale University, New Haven, CT.

Daniel Summers

Invited lecturer, University Club, Chicago.

Margaret K. Thayer

22nd International meeting on Biology and Systematics of Staphylinidae, Stuttgart, Germany; “Assembling the Beetle Tree of Life” grant project workshop, Bozeman, MT; PEET VI conference, Athens, GA; Poster presenter, Entomological Society of America, San Diego, CA.

Janet R. Voight

Invited lecturer, Science and Mathematics Colloquium Series, Columbia College, Chicago; Invited lecturer, Chicago Shell Club.

Jason D. Weckstein

Co-author, Neotropical Ornithological Congress, Maturín, Venezuela.

Mark W. Westneat

American Society of Ichthyologists and Herpetologists, St. Louis, MO; “Assembling the Bivalve Tree of Life” meeting, Chicago, IL; Bioinformatics and Encyclopedia of Life workshop, Woods Hole, MA; Bryozoan Diversity Synthesis meeting, Chicago, IL.; National Evolutionary Synthesis Center seminar, Durham, NC; National Science Foundation seminar, Washington, D.C.; Phylogenetic Tree Visualization Synthesis meeting, Adobe Corporation, San Francisco, CA; Phyloinformatics workshop, Edinburgh, Scotland; Society for the Study of Evolution, Christchurch, New Zealand; Society of Integrative and Comparative Biology, Phoenix, AZ; Tree of Life and Encyclopedia of Life workshop, Washington, D.C..

David Willard

American Ornithologists' Union, Laramie, WY; "Spring Wings," Bay Beach Wildlife Sanctuary, Green Bay, WI.

Philip W. Willink

American Society of Ichthyologists and Herpetologists, St. Louis, MO.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

23rd annual meeting of the American Elasmobranch Society, St. Louis; Invited lecture, Indiana College Biology Teacher's Association (ICBTA).

OFFICE OF COLLECTIONS AND RESEARCH

Lori Grove

Invited presenter, 2007 Annual Conference of the Guild of Natural Science Illustrators (GNSI) at Montana State University, Bozeman, MT; Invited presenter, chapter members of the Guild of Natural Science Illustrators (GNSI), The Field Museum; American Association of Museums (AAM) 2007 Annual Conference, Chicago.

MUSEUM AND PUBLIC SERVICE, 2007
(Editorships, Committees, etc.)

DEPARTMENT OF ANTHROPOLOGY

L. Antonio Curet

Field Museum: Chair, A. Watson Armour III Research Seminar Committee; Member, Field Museum Scholarship Committee; Alternate, Science Advisory Council; Anthropology Special Seminar Coordinator; CCUC Community Advisory Panel member; Lecture to Docents of *Ancient Americas*; North American Anthropology Collections Committee.

External: Series Editor, Caribbean Archaeology and Ethnohistory Book Series, University of Alabama Press; Editorial Board, *Journal of Caribbean Archaeology*; Editorial Board, *Arqueología del Area Intermedia*; Editorial Board, *Ethnohistory*; Editorial Board, *Journal of Island and Coastal Archaeology*; Member, Committee on the Americas, Society for American Archaeology; Nomination Committee, Society for American Archaeology; Board, Puerto Rican Arts Alliance; Pro bono archaeological consultant, City of Ponce; Search Committee, Department of Anthropology, University of Illinois at Chicago.

Scott Demel

Field Museum: Member, Anthropology Information Management Committee; Member, Anthropology Database Committee; Member, Anthropology Acquisitions Committee; Member, Anthropology Space Committee; Member, Anthropology Intern Selection Committee.

External: Member of Illinois Archaeological Survey (IAS); Society for American Archaeology; Consultant to the University of Illinois at Chicago Contract Archaeology Program (2005-present).

Gary M. Feinman

Field Museum: Member, Anthropology Acquisitions Committee; Member, Anthropology Promotions Committee; Member, Anthropology Space Committee; Member, Boone Intern Selection Committee; Member, CCC Intern Selection Committee; Member, Management Committee for *Expeditions@fieldmuseum*; Associate Editor, *Fieldiana Anthropology*.

External: Editor, *Journal of Archaeological Research*; Associate Editor, *Journal of World-Systems Research*; Series Editor, *Fundamental Issues in Archaeology*, Springer; Advisory Editor, *Foundations of Archaeology*, Eliot Werner Publications, Inc.; Advisory Editor, *Foundations of Anthropology*, Eliot Werner Publications, Inc.; Advisory Editor, *Cross-Cultural Research*; Editorial Advisory Committee, *Latin American Antiquity*; Editorial Board, *The Open Anthropology Journal*; Director, Committee to oversee the Archaeology Research Center at Shandong University, Jinan, China; Executive Board, Chicago Society of the Archaeological Institute of America; Program review: Member, Planning Committee, Mesa Redonda de Monte Albán V, Mexico; Chair, External Review Committee, Cotsen Institute, University of California, Los Angeles; Outside hiring/tenure review: Illinois State University, Purdue University, University of California-Santa Barbara, University of Michigan; Ms./Book referee: *Ancient Mesoamerica*, *Current Anthropology*, *Human Ecology*, *Journal of Field Archaeology* (2), *Latin American Antiquity* (4), *Proceedings of the National Academy of Science*, Thames and Hudson, University of Arizona Press, University of Colorado Press; Grant referee: Foundation for the Advancement of Mesoamerican Studies, Inc., National Geographic Society (2), National Science Foundation (2).

Tina Gessler

External: Field Reviewer, Institute of Museum and Library Services, Conservation Project Support grant applications.

Jonathan Haas

Field Museum: Repatriation Task Force, *Fieldiana* Editorial Board.

Hildegard Heine

External: Chair, Specialty Group for Ethnographic Objects, German Association of Conservators.

Chapurukha M. Kusimba

Field Museum: Member, Search Committee, Field Museum Department of Anthropology.

External: Member, Graduate Student Committee, University of Illinois at Chicago; Member, Search Committee, University of Illinois at Chicago

Debbie Linn

External: Grant Reviewer, IMLS Save America's Treasures Grant Program

Robert D. Martin

Field Museum: Member, Common Ground Committee; Member, Repatriation Committee; Invited participant, Repatriation Subcommittee of the Committee on Science; Anthropology Representative, Library Committee; Member, Management Committee for *expeditions@fieldmuseum*; Participant, Anthropology Alliance; Participant, Council on Africa; Tours and donor events for *Evolving Planet* and *Darwin*; Lecture, Founders' Frontiers Symposium, *Evolving Planet*; Visit to New Zealand to participate in the repatriation of Maori ancestral remains at the Te Pape Museum in Wellington; From Primate Ancestry to Human Origins, Lecture for the Council on Africa, *Darwin* exhibit; External Reviewer of Göttingen University, Germany for government-sponsored "Excellence Initiative."

Linda M. Nicholas

External: Editorial Assistant, *Journal of Archaeological Research, Fundamental Issues in Archaeology* (Springer series); Grant proposal referee: National Geographic Society.

Ruth Norton

Field Museum: Member, Pest Subcommittee; Member, Facilities Planning Advisory Group; Member, Cleanup Week Committee.

External: Field Editor, Art and Archaeology Technical Abstracts Online, Getty; Panel Reviewer, Conservation Project Support grants, Institute of Museum and Library Services; Reviewer, *Journal of the American Institute for Conservation*, American Institute for Conservation.

Cheryl Podsiki

External: Member, American Institute for Conservation (AIC) Health and Safety Committee, Washington, DC.

John Edward Terrell

Field Museum: Member, Common Ground Committee; Member, Anthropology Department Database Committee; Member, Anthropology Department Acquisitions Committee.

Anne P. Underhill

Field Museum: Chair, Department of Anthropology; Member, Museum Repatriation Committee; Member, Repatriation Subcommittee; Staff Participant, Committee on Science subcommittee of the Board of Trustees; Participant, Anthropology Alliance.

External: Co-Editor, Asian Perspectives journal (University of Hawaii Press); Grant reviewer, National Science Foundation, National Geographic Society; Reviewer, *International Journal of Historical Archaeology*, Cambridge University Press, Harvard University; Member, Advisory Board, *Journal of East Asian Archaeology*; Member, Editorial Board for *Journal of Anthropological Science* (English language journal of the Anthropological Society of Japan).

Alaka Wali

Field Museum: Staff Participant, Committee on Science subcommittee of the Board of Trustees; Curatorial Search Committee.

External: Board of Directors, Society for Applied Anthropology; Member, Advisory Board, American Anthropological Association Project on Race and Human Variation; Member, Board of Trustees, The Latin School: High Jump (Program for Talented Minority Youth).

Patrick Ryan Williams

Field Museum: Vice Chair, Science Advisory Council; Member, Exhibits/AA Committee (AAE-EE); Member, C&R IT Committee; Member, Scanning Electron Microscope Committee; Chair, Elemental Analysis Facility Committee; Associate Chair, Anthropology Fundraising Committee; Chair, Anthropology Curator Search Committee.

External: UIC Anthropology Graduate Admissions Committee, NASA Space Archaeology peer review panel; International Advisory Board, International Summer School “3D Modeling in Archaeology and Cultural Heritage.”

DEPARTMENT OF BOTANY

Norbert J. Cordeiro

Field Museum: Member, Africa Council.

External: Co-opted organizational member, Africa Section for the Society for Conservation Biology; Scientific Board, Association for Tropical Biology and Conservation; Research Partner, Landscape, Ecological and Anthropogenic Landscape Processes multidisciplinary doctoral training program, University of Illinois at Chicago; Guest Editor, Special Issue of *Biological Conservation*; Editorial Board Member, *Scopus* (Journal of the East Africa Ornithological Society); Editorial Board, *Journal of the East Africa Natural History Society*; International Reviewer Panel, *African Journal of Ecology*; BirdLife Species Guardian, Long-billed Apalis *Orthotomus moreaui*.

Michael O. Dillon

Field Museum: Chair, Botany Department; Head of Phanerogams, Botany Department; Collections and Research Management Group; Staff Participant, Committee on Science subcommittee of the Board of Trustees; Participant, Board of Trustees' Orientation for New Trustees; Member, Museum Collections Fund Committee, Collections and Research; Member, Grainger Fund Committee, Collections and Research; Co-coordinator, Botany Friends Group; Botany KeEMu digitization project; Member, Geology Department Curatorial Search Committee; Member, Botany Department Promotions Committee.

External: Local Host representative, Society for Economic Botany Annual Meeting; Local Host representative, American Society for Plant Taxonomy and Botanical Society of America. Editorial Board, *Arnaldoa*, Peru; Editorial Board, *Flora of Ecuador*, The Netherlands; Editorial Committee, *Flora Neotropica*; Editor, *Chloris Chilensis*, Chile; Fellow, Center for Advanced Studies in Ecology and Biodiversity; Pontificia Universidad Católica de Chile; Visiting Professor, Biological Sciences Faculty, Universidad Ricardo Palma, Lima, Peru; Honorary Professor, Universidad Nacional de Cajamarca, Cajamarca, Peru; Visiting Professor, Universidad Antenor Orrego, Trujillo, Peru; Honorary Professor, Universidad Nacional de San Agustín, Arequipa, Peru; Socio Honorario, Colegio de Biólogos del Perú. Manuscript Reviewer, *New Phytologist*, *Systematic Botany* (3), *Molecular Phylogenetics and Evolution*, *Diversity and Distributions*, *Proceedings of the International Compositae Alliance*, *Proceedings of the International Solanaceae Conference*, *TAXON* (2), *Acta Botanica Venezuelica*. Grant referee, National Science Foundation (2).

John J. Engel

Field Museum: Member, Library Committee; Member, Botany Promotions Committee.

External: Editor for bryophytes, *Nova Hedwigia*; Faculty Affiliate, Division of Botany, Peabody Museum of Yale University.

Susan M. Hamnik

Field Museum: Member, Roundtable; Academic Affairs Professional Staff Representative; Professional Staff Alternate, Science Advisory Committee.

Sabine M. Huhndorf

Field Museum: Associate Editor, *Fieldiana*; Alternate, Science Advisory Committee.

External: Treasurer, Mycological Society of America; Co-editor, MYCONET.

Maria Lucia Kawasaki

External: Manuscript reviewer, *Lundiana*, *International Journal of Biodiversity*; Member, Organization for Flora Neotropica Commission.

Patrick Leacock

Field Museum: Project Coordinator for Fungi, vPlants.org; Member, Chicago Wilderness Science Team.
External: Scientific Advisor, Illinois Mycological Association; Contact person for mushroom cases, Illinois Poison Center; Chair, Voucher Collection Committee, North American Mycological Association.

Robert Lücking

Field Museum: Member, Common Ground User Group.
External: Editorial Board, *The Lichenologist*, Reviewer, *Biotropica*, *Brenesia*, *The Bryologist*, *The Lichenologist*, *Mycological Progress*, *Nova Hedwigia*, *Oecologia*, *Taxon*; Grant Reviewer, National Science Foundation.

H. Thorsten Lumbsch

Field Museum: Head of Cryptogams, Botany Department; Member, Pritzker Lab Management Committee; Member, Organizing Committee, Seminar Series; Alternate, Scholarship Committee.
External: Editor, *Mycological Research*, *Nova Hedwigia*; Editorial Board, *Anales del Jardín Botánico de Madrid*, *Systematic Biology*; Proposal Reviewer, *Deutsche Forschungsgemeinschaft*, *Norwegian Research Council*; Manuscript Reviewer, *American Journal of Botany*, *Bibliotheca Lichenologica*, *Biological Journal of the Linnean Society*, *Bryologist*, *Cladistics*, *FEMS Microbiology Ecology*, *Lichenologist*, *Molecular Biology and Evolution*, *Molecular Phylogenetics and Evolution*, *Mycologia*, *Mycological Research*, *Mycotaxon*, *Nova Hedwigia*, *Systematic Biology*.

Gregory M. Mueller

Field Museum: Member, Exhibits/AA Committee (AAE-EE); Chair, SEM Committee; Member, Field Museum-Monsanto Environmental Education Initiative Steering Committee; Chair, v-PlantPlus Coordinating Group, joint Field Museum-Morton Arboretum-Chicago Botanic Garden project; Field Museum/University of Chicago-CEB Liaison for training grants; Member, Planning Team for Dunes Research Summit held in April 2007.
External: Associate Chair, Committee on Evolutionary Biology, University of Chicago; Head, GAANN Steering Committee, University of Chicago; International Coordinator, National Fungal Inventory, National Institute of Biodiversity (INBio), Costa Rica; Member (USA representative), Fungi Specialist Group, The World Conservation Union (IUCN) Species Survival Commission; President (through August 2007), Past President, Mycological Society of America; Chair, Voucher Collection Committee, North American Mycological Association; Member, Science Advisory Committee, Illinois Chapter of The Nature Conservancy; Contact for mushroom cases, Illinois Poison Control Center; Scientific Advisor, Illinois Mycological Association; Member, Organization for Flora Neotropica Commission.

Richard Ree

Field Museum: Member, Science Advisory Committee; Member, Pritzker Lab Management Group; Member, Scholarship Committee; Member, Board Information Technology Committee; Co-chair, Collections and Research/Information Technology Committee; Assistant Director, Biodiversity Synthesis Center.
External: Peer reviewer, *Evolution*, *Systematic Biology*, *International Journal of Plant Sciences*; Peer reviewer, National Science Foundation.

Gayle Tonkovich

Field Museum: Coordinator and institutional liaison for vascular plants, vPlants.org; Member, Common Ground Project.
External: Director, Board of Richardson Wildlife Sanctuary, Inc., Dune Acres, IN.

Matt von Konrat

Field Museum: Member, 2007 Award of Excellence Committee.

External: International—Member of the *Committee for Bryophyta*, International Association for Plant Taxonomy; Peer-reviewer of manuscripts for scientific journals; Reviewer, National Science Foundation Systematic Biology and Biodiversity Inventories.

DEPARTMENT OF GEOLOGY

Kenneth D. Angielczyk

Field Museum: Member, Seminar Committee; Member, Parker-Gentry Award Committee; Member, Invertebrate Paleontology Curator Search Committee.

External: Grant reviewer for the National Research Foundation of South Africa; Judge, Best Student Presentation, Division of Ecology and Evolution, Annual Meeting of the Society for Integrative and Comparative Biology; Manuscript reviewer for *Acta Theriologica*, *Journal of Vertebrate Paleontology*, *Palaeontologia Africana*, *Palaeontologica Electronica*, *Revista Brasileira de Paleontologia*, *Zoologica Scripta*.

John R. Bolt

Field Museum: Acting Chair, Department of Geology; Member, *Fieldiana* Editorial Board and Associate Editor for Geology; Member, Exhibits/AA Committee (AAE-EE).

External: Member, Financial Oversight Committee, Society of Vertebrate Paleontology; Manuscript reviewer for *Journal of Paleontology*.

Marlene Hill Donnelly

External: Membership Secretary, Guild of Natural Science Illustrators.

Ian Glasspool

Field Museum: Academic Affairs Professional Staff Representative; Member, Science Advisory Council.

External: Manuscript reviewer for *Geological Magazine*, *International Journal of Plant Sciences*, *Palaeogeography Palaeoclimatology Palaeoecology*, *South American Journal of Earth Sciences*.

Lance Grande

Field Museum: Member, VP Docket; Chair, Museum Collections Fund Committee; Staff Liaison, Committee on Science subcommittee of the Board of Trustees; Collections and Research/Library Liaison Committee; Collections and Research/Public Programs Liaison Committee; Collections and Research/IT Liaison Committee; Presenter, quarterly C&R State of Affairs meetings; Participant, Board of Trustees' Orientation for New Trustees; Presenter, Founders' Council meetings; Presenter, Women's Board meetings; Member, Grainger Fund Committee; Member, Geology Department Curatorial Search Committee; Coordinator for Collections and Research Annual Report.

Scott Lidgard

Field Museum: Acting Chair, Science Advisory Committee; Geology Representative: Collections & Research/Information Technology Committee, Library Committee; Geology Promotions Committee; Academic Affairs *ad hoc* liaison committee to Biology Department, Univ. of Illinois at Chicago; Advisory Board member, Encyclopedia of Life Biodiversity Synthesis Center; Chair, Geology Curatorial Search Committee; External member, Zoology Curatorial Search Committee (Insects).

External: Executive Council Member, International Bryozoological Association; Manuscript reviewer: *Science*, *Journal of Paleontology*; Grant proposal reviewer for National Science Foundation.

Peter Makovicky

Field Museum: Geology Representative, Scientific Advisory Council; Member, Scholarship Committee; Member, Geology Department Curatorial Search Committee (three Geology Department searches); Acting Chair, Geology Department.

External: Associate Editor for *Journal of Paleontology*; Member, Romer Prize Committee for best student presentation, Society of Vertebrate Paleontology; Manuscript reviewer: *Journal of Vertebrate Paleontology*, *Science*, *Naturwissenschaften*, *Neues Jahrbuch für Geologie und Paläontologie*, *Biology Letters*, *Cladistics* and two edited volumes.

Olivier Rieppel

Field Museum: Chair, Department of Geology; Academic Affairs Management Group; Staff Participant, Committee on Science subcommittee of the Board of Trustees.

External: Associate Editor: *Zoological Journal of the Linnean Society*, *Zoologischer Anzeiger*, *Palaeontologische Zeitschrift*, *Vertebrate Zoology* (Natural History Museum in Dresden). Editorial Board: Development and Evolution; Belgian Journal of Zoology.

Akiko Shinya

Field Museum: Award of Excellence Selection Committee.

External: Preparators' Committee, Society of Vertebrate Paleontology; Information Management Committee, Society of Vertebrate Paleontology; Editor, *Preparator's Resources: Materials & Methods* website, Society of Vertebrate Paleontology.

Deborah Wagner

Field Museum: Safety and Security Committee.

Peter J. Wagner

External: Editor of *Paleobiology*.

DEPARTMENT OF ZOOLOGY**John M. Bates**

Field Museum: Chairman, Department of Zoology; Coordinator, visit of curators and staff from the National Biological Research Institute, Seoul, South Korea; Member, Academic Affairs Management Group; Member, Arthropod Curator Search Committee; Member, Pritzker Lab Management Committee; Member, TFM Africa Council; Participant, Common Ground database meetings; Staff Participant, Committee on Science subcommittee of the Board of Trustees; TFM new Trustee Orientations.

External: Chair, Search Committee for new editor, *Ornitología Neotropical*; Board Member, Society of Neotropical Ornithological Society; Member, American Ornithologists' Union Collections Committee; Member, Cooper Ornithological Society Student Awards Committee; Member, Editorial Board, *Bulletin of the Museu Goeldi*; Zoology Department Liaison with Chicago office of U.S.F.W Service.

Rüdiger Bieler

Field Museum: Head, Division of Invertebrates; Chair, Arthropod Curator Search Committee; Chair, Library Committee; Member, initial BioSynC Planning Committee; Member, SEM Committee.

External: Past President on Council, American Malacological Society; North American Editor, *Zoological Journal of the Linnean Society*; Associate Editor/Editorial Board, *Acta Zootaxonomica Sinica*, *Archiv für Molluskenkunde*, *Arquivos de Zoologia*, *The Festivus*, *Iberus*, *Malakologische Abhandlungen*, *The Nautilus*, *Papéis Avulsos de Zoologia*, *The Yuriyagai*, *Zootaxa*, *Malacologia—International Journal of Malacology*; Member, Committee on Evolutionary Biology, University of Chicago; Member, Faculty Appointments Committee, CEB, University of Chicago; Member, Visiting Review Committee, Zoology Professorship, University of Bergen, Norway.

James H. Boone

External: Book Proposal Reviewer, University of Chicago Press.

Carl W. Dick

Field Museum: Insects Representative, Cryogenics Storage Committee; Member, Field Museum Cleanup Committee.

External: Ambassador; American Society of Mammalogists; Guest Editor, *Northeastern Naturalist*; Member, Board of Governors, Southwestern Association of Naturalists; Member, Systematics Collections Committee, American Society of Mammalogists.

Jack Fooden

External: Editorial Board, *International Journal of Primatology*.

Jochen Gerber

Field Museum: Member, Library Committee.

External: Terrestrial Mollusk Team, New Pest Advisory Group, APHIS (USDA).

Steven M. Goodman

External: Editorial Board, *African Bat Conservation Newsletter*, *Faune de Madagascar*, *Mammalia*.

Shannon J. Hackett

Field Museum: Head, Division of Birds; Chair, Science Advisory Council; Co-chair, IT/C&R Committee; Manager, High Performance Computing Cluster; Collections and Research Point Person, Cryogenics Facility; Member, Pritzker Lab Management Committee; Radiation Safety Officer.

External: Council Member, Society of Systematic Biologists; Editorial Board, *Molecular Phylogenetics and Evolution*; Member, University of Chicago Committee on Evolutionary Biology, Student Advisory Committee.

Lawrence R. Heaney

Field Museum: Head, Division of Mammals; Co-Chair, Pest Subcommittee, Facilities Advisory Committee; Academic Affairs Representative, *Crown Family PlayLab* development team; At-Large Representative, Science Advisory Council.

External: Associate Editor, *Journal of Biogeography*; Member, Board of Trustees and Editorial Board, Wildlife Conservation Society of the Philippines; Consultant on Philippine issues: Conservation International, National Geographic Society, World Wildlife Fund; Member, Science Advisory Board, Lube Foundation.

Mary Hennen

Field Museum: Education Committee Chair.

External: Illinois Ornithological Society.

Janeen Jones

Field Museum: Member, Centralized Database Committee (Common Ground Project); Member, IT/C&R Committee.

Maureen Kearney

Field Museum: Head, Division of Amphibians and Reptiles; Chair, Ichthyologist Search Committee; External Member, Geology Curatorial Search Committee; Outside Member, Tenure Review Committee; Presenter, Founders Council.

External: Associate Editor, Morphology and Systematics, *Herpetologica*; Editorial Board, *Copeia*, *Journal of Experimental Zoology, Part A*; Elector, Society for the Study of Amphibians and Reptiles; Grant reviewer, National Science Foundation; Manuscript Referee, *Cladistics*, *Copeia*, *Herpetologica*, *Herpetological Review*, *Systematic Biology*.

Alfred F. Newton

Field Museum: Collaborator, Insects EMu catalog design and database conversion; Member, Zoology Curatorial Search Subcommittee (Insects); Sponsor, Visiting Scholar Grant Awardee.

External: Coleopterists Society Representative, Committee for Official List of Family and Genus group names in Coleoptera; Editorial Board, *Belgian Journal of Entomology*, *Entomological Research*; Manuscript Reviewer, *Annals of the Entomological Society of America*, *Coleopterists Bulletin*, *Zootaxa*.

Bruce D. Patterson

Field Museum: Admissions Committee, Committee on Evolutionary Biology; Curatorial Member, Council on Africa; Liaison, Graduate Program with University of Illinois, Chicago; Member, Institutional Animal Care and Use Committee; Member, Scholarship Committee.

External: Chair, Systematic Collections Committee, International Federation of Mammalogists; Associate Editor, *Mastozoología Neotropical*; Editorial Board, *Diversity and Distributions*; Honorary Membership Committee, American Society of Mammalogists; Past President, American Society of Mammalogists; Planning & Finance Committee, American Society of Mammalogists.

Alan Resetar

External: Vice President, Porter County Wildlife Management Advisory Board, IN; Advisory Board Member, TalTree Arboretum, Research and Restoration Committee; Advisory Board Member, Woodland Savanna Land Conservancy; Member, Indiana DNR Nongame Program, Amphibian and Reptile Technical Advisory Committee; Member, Partners in Amphibian and Reptile Conservation.

Mary Anne Rogers

Field Museum: Member, Facility Advisory Group Recycling Subcommittee (A Greener Field).

External: Member, Collections and Resources Committee, American Society of Ichthyologists and Herpetologists.

Petra Sierwald

Field Museum: Chair, Scholarship Committee.

External: Editorial Board, *The Journal of Arachnology*, *Zoological Journal of the Linnean Society*; Fellow, California Academy of Sciences; Lecturer, Committee on Evolutionary Biology; Lecturer, Biological Sciences, Collegiate Division, University of Chicago; Member, Committee on Evolutionary Biology, University of Chicago; Member, Faculty Appointments Committee, CEB, University of Chicago.

Alexey Solodovnikov

External: Editorial Board Member, *Caucasian Entomological Bulletin*, *Deutsche Entomologische Zeitschrift*.

William T. Stanley

Field Museum: Member, Facility Advisory Group Recycling Subcommittee (A Greener Field).

External: Chair, Systematic Collections Committee, American Society of Mammalogists.

Daniel Summers

Field Museum: Chair, Personnel Committee.

Kevin Swagel

Field Museum: Member, Personnel Committee.

Margaret K. Thayer

Field Museum: Head, Division of Insects; Acting Chair, Department of Zoology; Collections Representative Alternate, IT/C&R Committee; Coordinator, Insects EMu catalog design and database conversion; Museum Lead, NSF Remote Imaging System proposal; Zoology Advisor, EMu Taxonomy module redesign; Zoology Representative, AA Common Ground core committee; Member, Arthropod Search Nominating Committee and Search Committee; At-Large Alternate Member, SAC.

External: Editorial Board, *Dugesiana*, *Thomas Say Publications* series (Entomological Society of America); International Advisory Board, *Annales Zoologici*; Manuscript Reviewer, *Coleopterists Bulletin*, *Journal of Natural History*, *Journal of the Kansas Entomological Society*, *Proceedings of the Entomological Society of Washington*; Proposal Reviewer (Systematics), National Science Foundation.

Janet R. Voight

Field Museum: Associate Editor, *Fieldiana-Zoology*; Member, Academic Affairs Environmental and Conservation-Exhibits Education Committee; Member, Curator Search Committee (Insects); Member, Institutional Animal Care and Use Committee; Member, Permanent Exhibition Re-evaluation Team; External Member, Curator Search (Invertebrate Paleontology).

External: Chair, Student Research Awards Committee, American Malacological Society; Chair, Student Travel Award Committee, American Malacological Society; Member, Committee on Evolutionary Biology, University of Chicago; Panel Member, National Science Foundation; Associate Editor, *Invertebrate Biology*, *Journal of Molluscan Studies*, *Malacologia*, *Marine Biology*, *Zoological Journal of the Linnean Society*; Ad Hoc Reviewer, *Journal of Molluscan Studies*, *Lethaia*; Grant Proposal Reviewer (plus panel reviews), National Science Foundation: DEB, Systematics, PEET.

Harold K. Voris

Field Museum: Managing Scientific Editor, *Fieldiana, New Series*.

External: Board of Advisors Member, Center for Free Inquiry, Hanover College; Board of Trustees Member, The Nature Conservancy, Illinois Chapter; Editorial Board Member, *The Natural History Journal of Chulalongkorn University*; Guest Editor, *Science Asia*, Journal of the Science Society of Thailand.

Jason D. Weckstein

Field Museum: Participant, Insects EMu Louse Collection database conversion.

Mark W. Westneat

Field Museum: Head, Division of Fishes; Director, Biodiversity Synthesis Center; Chair, Institutional Animal Care and Use Committee; Member, Science Advisory Council; Teaching Liaison, Field Museum-University of Chicago.

External: Chair-Elect, Division of Vertebrate Morphology, Society of Integrative and Comparative Biology; BitMaP Advisory Board, Chicago Technology Park; Hinds Fund Committee, University of Chicago.

David Willard

External: Editorial Board, *The Meadowlark*; Member, Illinois Ornithological Records Committee.

Philip W. Willink

Field Museum: Member, Parker-Gentry Conservation Award Review Committee.

External: Member, All Catfish Species Inventory; Member, Chicago Wilderness Aquatic Initiative; Member, Chicago Wilderness Climate Change Task Force; Member, City of Chicago Aquatic Invasive Species Advisory Group; Member, Great Lakes Rapid Response Plan; Manuscript Reviewer, American Museum of Natural History Publications, *Zootaxa*.

OFFICE OF COLLECTIONS AND RESEARCH

Lori Grove

External: President, Maxwell Street Foundation.

FIELDWORK AND RESEARCH TRAVEL, 2007

DEPARTMENT OF ANTHROPOLOGY

Daniela Bono

Fieldwork: Yeronisos, Agios Georgios tis Peyia, Cyprus

L. Antonio Curet

Field Work: Ponce, Puerto Rico.

Research: Ponce, Canovanas, San Juan, Caguas (all Puerto Rico).

Scott Demel

Fieldwork: Hopkins Park, Pembroke Township, Kankakee County; Camp Douglas, Chicago.

Research: Chinatown History Project; CRC Salvage Archaeology Project; Java Sea Wreck Project, Field Museum collections; Pembroke-Tetter Frontier Homestead Project; XRF analysis of obsidian projectile point from Tularosa Cave; Lithic analysis of collections from Mineer site.

Gary M. Feinman

Field Work: Shandong, China; El Pamillo, Oaxaca, Mexico.

Jonathan Haas

Field Work: Peru.

Research: Peru.

Sophie Hammond-Hagman

Field Work: Amorium, Turkey; Zincirli, Turkey.

Chapurukha M. Kusimba

Field Work: Kenya; Uganda; Madagascar.

Research: Santa Fe, NM; Gainesville, FL; London, England.

Debbie Linn

Research: Berlin, Germany

Robert D. Martin

Research: The American Museum of Natural History, New York; Swiss Light Source, Paul Scherrer Institute, Federal University of Zürich.

Linda M. Nicholas

Field Work: Shandong, China; El Pamillo, Oaxaca, Mexico.

Ruth Norton

Research: Winterthur, Delaware.

Jim Phillips

Field Work: Zincirli, Turkey.

Jill Seagard

Field Work: El Pamillo, Oaxaca, Mexico.

John Edward Terrell

Research: Solomon Islands, New Zealand.

Anne P. Underhill

Field Work: Shandong, China.

Alaka Wali

Field Work: Chicago, Illinois.

Research: Pando, Bolivia; Gueppi Reserved Zone, Peru; Cordillera Azul National Park, Peru; Collections acquisition trip to Pisqui River Shipibo Communities.

Patrick Ryan Williams

Field Work: Moquegua, Peru; Cuzco, Peru.

Research: New York, American Museum of Natural History; Philadelphia, University of Pennsylvania Museum of Archaeology and Anthropology; Smithsonian National Museum of Natural History, Washington, DC; Fabish Collection, Los Angeles, CA.

DEPARTMENT OF BOTANY**Norbert J. Cordeiro**

Field Work: East Usambara Mountains, Tanzania.

Research: Dar es Salaam, Tanzania, University of Dar es Salaam; Arusha, Tanzania, Tanzania Wildlife Research Institute; Dar es Salaam, Tanzania, Wildlife Conservation Society of Tanzania.

Michael O. Dillon

Field Work: Chile; Peru.

John J. Engel

Field Work: New Zealand.

Kentaro Hosaka

Field Work: Yunnan and Sichuan Provinces, China.

Research: Tsukuba, Japan, National Museum of Nature and Science; Kunming, Yunnan, China, Kunming Institute of Botany.

Sabine M. Huhndorf

Field Work: TN, Great Smoky Mountains National Park.

Maria Lucia Kawasaki

Field Work: Bahia, Chapada Diamantina, Brazil.

Patrick Leacock

Field Work: Chicago region, IL; Indiana.

Research: Pipestem Resort State Park, Hinton, WV.

Robert Lücking

Field Work: Mount Palali, The Philippines; Central Mexico; Las Cruces, Costa Rica; São Paulo, Brazil; La Paz, Bolivia; Lima, Peru.

Research: Lima, Peru, Universidad Nacional Mayor de San Marcos.

H. Thorsten Lumbsch

Field Work: Kenya; Spain; Turkey.

Research: Universidad Complutense de Madrid, Spain.

Gregory M. Mueller

Field Work: Chicago region; Pyrenees, France; southeastern Guatemala; northeastern Portugal; St. Petersburg region, Russia; Big Thicket National Preserve, TX.

Research: Universidad de San Carlos, Guatemala; Université Montpellier, Montpellier, France; Escola Superior Agraria de Braganca and Centro de Investigacao de Montanha, Braganca, Portugal.

Richard Ree

Field Work: Western Sichuan, China.

Research: Cambridge, MA, Harvard University Herbaria; Kunming, China, Kunming Institute of Botany.

Betty Strack

Field Work: Pyrenees, France; northeastern Portugal; St. Petersburg region, Russia; Big Thicket National Preserve, TX.

Gayle Tonkovich

Field Work: Indiana Dunes National Lakeshore.

Matt von Konrat

Field Work: New Zealand.

DEPARTMENT OF GEOLOGY

Kenneth D. Angielczyk

Fieldwork: Ruhuhu Basin, Tanzania.

Research: University of California Museum of Paleontology; Pre-meeting fieldtrip to the Lower Permian of Texas (Annual Meeting of the Society of Vertebrate Paleontology).

Marlene Hill Donnelly

Research: Okefenokee Swamp, GA; Alaka'i Swamp, Kauai, HI.

Ian Glasspool

Fieldwork: Guizhou Province, China; Mazon Creek, IL; Central Quarry, IL.

Lance Grande

Fieldwork: Lewis Ranch, WY.

Lenny Kouwenberg

Fieldwork: Washington State, USA.

Research: Burke Museum, Seattle, WA; Stonerose Fossil Garden, Republic, WA.

Scott Lidgard

Research: Appalachian State University, NC.

Peter J. Makovicky

Fieldwork: Huincul Formation, Rio Negro Province, Argentina; Laiyang County, Shandong Province, China; Jiabei basin, Gansu Province, China.

Research: American Museum of Natural History, New York, NY; Peking University, Beijing, China; Gansu Geological Bureau, Lanzhou, China; Universidad de La Rioja, La Rioja, Argentina; Universidad de San Juan, San Juan, Argentina; Bernard Price Institute, University of the Witwatersrand, Johannesburg, South Africa; South African Museum, Cape Town, South Africa; Albany Museum, Grahamstown, South Africa.

Olivier Rieppel

Research: Senckenberg Museum, Frankfurt am Main, Germany; Peking University, Beijing.

Fieldwork: Guizhou Province (Guiyang, Guanling, Panxian, Xinmin), China.

Akiko Shinya

Fieldwork: Neuquen, Argentina; Shangdong Province, China.

Research: University of Toronto, ON.

Deborah Wagner

Fieldwork: Green River Formation, Kemmerer, WY.

DEPARTMENT OF ZOOLOGY

Thomas G. Anton

Field Work: Arizona; UT.

John M. Bates

Field Work: Caxiuana, Brazil; Rio Japurá, Brazil.

Research: Belém, Brazil, Museu Paraense Emilio Goeldi.

Rüdiger Bieler

Field Work: Bergen, Norway; Florida Keys; Miami.

Research: Florida Museum of Natural History, Gainesville, FL; Tropical Research Laboratory, Summerland Key, FL.

Carl W. Dick

Field Work: Brazil; Oklahoma; Thailand; Vietnam.

Jack Fooden

Research: Carnegie Museum of Natural History, Pittsburgh, PA.

Jochen Gerber

Field Work: Midwestern USA.

Steven M. Goodman

Field Work: Grande Comoro, Republic of the Comoros; Madagascar: Ambohitantely, Fandriana, Lakato, Masoala Peninsula, Saint Augustin, Tolagnaro; Mayotte, France; Old Transvaal Province, South Africa.

Research: Antananarivo, Madagascar, Université d'Antananarivo, Département de Biologie Animale; Cambridge, MA, Museum of Comparative Zoology; London, UK, The Natural History Museum; Paris, France, Muséum national d'Histoire naturelle; Washington DC, The National Museum of Natural History.

Shannon J. Hackett

Research: Duke University, Durham, NC.

Lawrence R. Heaney

Field Work: Mt. Amuyao, northern Luzon, Philippines; Ruby Mountains, NV.

Research: Manila, Philippines, National Museum of the Philippines.

Chris C. Jones

Field Work: Midewin National Tall Grass Prairie, IL; North coast, Honduras.

Maureen Kearney

Research: Smithsonian Institution, Washington D.C.

Alfred F. Newton

Field Work: Germany; Illinois.

Research: Bozeman, MT, Montana State University;

Bruce D. Patterson

Field Work: San Martín, Peru; Taita and Rukinga Ranches, Kenya.

Research: Universidad de San Marcos, Museo de Historia Natural, Lima, Peru.

Julian C Kerbis Peterhans

Field Work: Laikipia Plateau, Kenya; Kahuzi-Biega National Park, Democratic Republic of Congo.

Research: Museum Alexander Koenig, Bonn, Germany; British Museum of Natural History, London, UK; American Museum of Natural History, New York, NY; University of Ulm, Ulm, Germany.

Kevin M. Pitz

Field Work: Australia; San Diego and Imperial Counties, CA; San Francisco Bay area, CA.

Research: California Academy of Sciences, San Francisco, CA.

Sushma Reddy

Field Work: Nkhota Kota, Malawi.

Alan Resetar

Field Work: Grand Calumet River Area of Concern, Lake County, IN.

Petra Sierwald

Field Work: Florida.

Research: Argentina; Brazil; Florida.

Alexey Solodovnikov

Research: Bishop Museum, Honolulu, HI; The Natural History Museum, London, UK.

William T. Stanley

Field Work: Amboni Caves, Rubeho Mountains, Unguja Island (all Tanzania).

Research: Alexander Koenig Museum, Bonn, Germany; Southern Highlands Conservation Project, Mbeya, Tanzania; American Museum of Natural History, New York, NY; University of Dar es Salaam, Tanzania; Zanzibar.

Margaret K. Thayer

Field Work: California; Illinois.

Research: Staatliches Museum fur Naturkunde, Stuttgart, Germany.

Harold K. Voris

Field Work: Khorat Basin, Thailand.

Jason D. Weckstein

Field Work: Caxiuanã National Forest, Pará, Brazil; Rio Japurá, Amazonas, Brazil.

Research: Illinois Natural History Survey, Champaign, IL.

Mark W. Westneat

Field Work: Kauai, Hawaii.

Research: Argonne National Laboratory, Chicago, IL.

David Willard

Fieldwork: Malawi.

Research: Bay Beach Wildlife Sanctuary, Green Bay, WI; Minnesota Department of Natural Resources regional offices, St. Paul, MN.

Philip W. Willink

Field Work: Chicago Region, IL; Lawa/Marowijne River, Suriname; Upper Essequibo River, Guyana; Wisconsin.

PUBLIC EDUCATION AND OUTREACH, 2007

DEPARTMENT OF ANTHROPOLOGY

Ben Bronson

Exhibit Development: Content Specialist, *China Hall*.

Daniela Bono

Exhibit Development: Collections Assistant, *Ancient Americas*.

Education Programs: Presentation, Chicago Public School Teachers; Field Museum Members' Nights.

Other: Behind-the-scenes tours for Institutional Advancement, visiting scholars, visiting VIPs, students from St. Ignatius College Prep; Chicago Public School/Crow Canyon Archaeological Center program.

L. Antonio Curet

Exhibit Development: Content Specialist, *Ancient Americas*; Participant, *Maps*.

Education Programs: Field Museum Members' Nights; Lecturer, Education Department High School Transformation Program, at G. Washington Carver and George Washington High Schools; Director, Taíno Project, Puerto Rican Arts Alliance; Keynote Speaker, Celebra Las Ciencias; Speaker, Area 10 Competition Celebration of CPS; Workshop for CPS teachers, Puerto Rican Arts Alliance; Content Specialist, Harris Educational Center.

Public Presentations: Public Lecture in *Tainos Yesterday and Today*, Chicago and Waukegan; Public Lecture in *Native Archaeology Discussion Panel*, Field Museum.

Other: Lectures to 6th grade at Glenside Middle School, Glendale Heights; Lectures at Von Humboldt Elementary School, Prosser High School, and Kelvin Park High School; Tours of collections to students from Prosser and Kelvin Park High Schools, Chicago; Lectures to 3rd graders at Heritage Lake Elementary School, Carol Stream.

Scott Demel

Education Programs: Field Museum Members' Nights; Contributor, *expeditions@fieldmuseum*: Kankakee Archaeology, Mastodon Excavation, and Collections Resource Center

Media Development: Newspaper interviews: *The Daily Journal*, Kankakee; *The Herald County Market*, Bourbonnais; *The Courier News*, Joliet; *The Examiner of Bartlett*, Sun, Batavia; *The Pioneer Press*, Elmhurst; Radio interviews: CBS; WBBM 780, Chicago, IL; On-line, PR Newswire-US Newswire.

Exhibit Development: Curator of historic artifacts, content, and display of archaeological investigations into Chinatown's Past—as part of the *Chinatown History and Archaeology—Faces of Change* Exhibition at the Chinese-American Museum, Chicago.

Awards: MAGNA award, honorable mention (under 5,000 enrollment) for Lorenzo R. Smith Archaeology Field School/Budding Archaeologist Program; Pembroke Community Consolidated School District No. 259; Mastodon Camp, Illinois Parks and Recreation Association (IPRA) outstanding program award.

Other: CRC tours and updates for Academic Affairs, Board of Trustees, Federal Bureau of Investigations Art Crime Unit, American Association of Museums meetings in Chicago, Field Museum staff, Indiana University Anthropology Club, Illinois State Anthropology Club, University of Illinois at Chicago Anthropology Club, visitors and dignitaries; Visiting researcher assistance.

Gary M. Feinman

Exhibition Development: Co-curator, *Ancient Americas*, *Aztec*, *Nacimientos*; Advisory role, *Maps*, *Crown Family PlayLab*.

Education Programs: Contributor, *expeditions@fieldmuseum*: China, Mexico; Academic Advisor, Field Museum Scientific Film Project; Docent training for *Ancient Americas*.

Public Presentations: Public lecture and exhibition of archaeological pieces, Matatlán, Oaxaca, Mexico; Anthropology Alliance, The Field Museum; Education Department public lecture, The Field Museum.

Media Development: Newspaper interviews: *The Chicago Sun-Times*, Rizhao newspaper, Jiaonan City newspaper; Magazine interviews: *Museum News*, *In The Field*, *Americas*; Television interviews: Rizhao television, Travel Channel; *Ancient Americas* publicity in various print and television media.

Other: Behind-the-scenes tours for Museum members, visiting scholars, visiting VIPS, etc.; Content Advisor, presentation of pieces from The Field Museum collection, Mexicolore (UK website).

Jonathan Haas

Exhibit Development: Curator, *Ancient Americas*.

Education Programs: Presentations to Women's Board; Board of Trustees; Board of Trustees Executive Committee; FM Explorers; FM Anthropology Alliance; Field Museum Members' Nights; FM Staff for American opening; FM *Ancient Americas* volunteer training; FM *Ancient Americas* teacher training; FM *Ancient Americas* Visitor Services training.

Public Presentations: Public lectures on *Ancient Americas* exhibit, various.

Media Development: Newspaper interviews: *Chicago Tribune*, *Chicago Sun-Times* and other local and regional papers; Television interviews, various; Radio interviews, various; NPR program on climate change; *Alphaline* French Documentary on Peruvian research.

Web Projects: *Proyecto Arqueologico Norte Chico* website.

Other: Numerous behind-the-scenes tours related to the *Ancient Americas* exhibit.

Hildegard Heine

Exhibition Development: Lead Conservator, *Crown Family PlayLab*; Lead Conservator, *Mata Ortiz*; Lead conservator, *Eskimo and Inuit Carvings*; Consulting Conservator, *Ancient Americas*; Consulting Conservator, *Evolving Planet*.

Education Programs: Field Museum Members' Nights.

Collaborations: CCUC, Cultural Connections Alliance, conservation consulting program for small museums and cultural centers in the Chicago area.

Other: Behind-the-scenes tours for visitors

Marianne Klaus

Exhibit Development: *Chocolate* exhibit de-installation in Albany, NY; *Gregor Mendel* exhibit installation in Washington, DC; *Pearls* exhibit installation in Paris, France; Condition assessment and mountshop trip to Mexico City for *The Aztec World* exhibit.

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for visiting conservators.

Chapurukha M. Kusimba

Exhibit Development: Chief Negotiator with National Museums of Kenya for proposed exhibit on Hominid Evolution; Content Specialist, *Mythic Creatures*.

Educational Programs: Field Museum Members' Nights.

Lectures, etc: Bryn Mawr College, Kemetic Institute, University of Nairobi, Kemetic Institute, Illinois State University, Friend School Kamusinga, Kenya.

Debbie Linn

Exhibits: Lead Conservator, *Maps*; Lead Conservator, *Highlights from the Mary Runnells Rare Book Room*; Consulting Conservator, *Darwin*; Consulting Conservator, *Gregor Mendel*; Courier, *The World of 1607, Jamestown, Virginia*.

Education Programs: Field Museum Members' Nights; Crow Canyon tours of Anthropology.

Tours and Field Trips: Conservation Laboratories, Kupferstichkabinett Staatliche Museen, Berlin Germany; Conservation Laboratories, Staatsbibliothek, Berlin, Germany.

Web Projects: Content Advisor, Chinese Rubbings website

Other: Behind-the-scenes tours for Institutional Advancement, the President's Office, new Trustees, visiting VIPS (The Metropolitan Museum of Art, University of Chicago, UniStrut Corporation, IMLS, Better Homes and Gardens, leading museums and cultural institutions in China, etc.), museum interns, etc.

Robert D. Martin

Education Programs: Field Museum Members' Nights; Presenter, "Human Evolution: An Introductory Overview," Teachers' Workshops, Education Department, The Field Museum.

Public Presentations: Co-organizer, Leakey Lecture, The Field Museum and the Leakey Foundation.

Other: Member, The Scientific Advisory Committee for the NSF-supported Integrated Primate Biomaterials and Information Resource; Member of the External Scientific Advisory Committee for the Duke University Primate Center.

Laura Neufeld

Education Programs: Field Museum Members' Nights.

Linda M. Nicholas

Education Programs: Digital images for G. Feinman's electronic field trips (China, Mexico).

Public Presentations: Public lecture and exhibition of archaeological pieces, Matatlán, Oaxaca, Mexico; Anthropology Alliance, The Field Museum; Education department public lecture, The Field Museum.

Media Development: Newspaper interviews: Rizhao newspaper, Jiaonan City newspaper; Television interviews: Rizhao television.

Ruth Norton

Exhibit Development: Conservator, *DNA Discovery Center*.

Education Programs: Visit of Maori hui, Tokomaru Bay, New Zealand.

Tours and Field Trips: Field Museum tour, Director Opificio delle Pietre Dure, Florence; Field Museum tour, Institute of Museum and Library Services; Field Museum tour, Afghan conservators.

Other: Behind-the-scenes tours for Institutional Advancement, new Trustees, visiting VIPs, etc.

Jim Phillips

Lectures: Public lectures, *Tutankhamun and the Golden Age of the Pharaohs* exhibit.

Cheryl Podsiki

Public Presentation: Poster presenter, Beyond Pesticides: Toxins found on Museum Objects, Ottawa, Canada.

Informal Education: Consultation with Native American tribes about XRF elemental analysis for detecting heavy metals on repatriated objects; American Industrial Hygienists Conference, tour and presentation, The Field Museum; Field Museum Members' Nights; Coordinator, XRF presentation by conservation scientist from the Art Institute of Chicago.

Exhibition Development: Lead conservator, *Ancient Americas*; Lead conservator, *Gregor Mendel*.

Other: Behind-the-scenes tours for Field Museum's CCUC program, UIC physicians.

Dan Schnepf

Education Programs: Field Museum Members' Nights.

Tours and Field Trips: Art Resources in Teaching & Crow Canyon tours for Chicago Public Schools, UIC Anthropology Graduate Students.

Web Projects: Anthropology Collections Portal.

John Edward Terrell

Collaborative Event: 125th Anniversary Celebrations, Ruatēpūke II Meeting House, The Field Museum, in collaboration with Te Whānau-a-Ruataupare, Tokomaru Bay, NZ.

Exhibit Development: Content Specialist, *Nature Unleashed*.

Education Programs: Field Museum Members' Nights.

Tours and Field Trips: New Zealand (with Robert Martin and a Chicago Native American delegation).

Other: Behind-the-scenes tours for visiting specialists, and VIPs, etc.; Anthropology Alliance evening events.

Anne Underhill

Education Programs: Field Museum Members' Nights.

Exhibit Development: Content Specialist, *China Hall*.

Public Presentations: Lecturer, Research and Chinese Collections, Annual Fund.

Web Projects: World Columbian Exposition.

Alaka Wali

Exhibit Development: Advisory Committee, *George Washington Carver*; Curatorial Liaison, *Celebrating Women*; Community Engagement Process for *Ancient Americas*; Label Review for *Ancient Americas*.

Education Programs: Field Museum Member's Nights.

Public Presentations: Presentations for the Cultural Connections Programs; Presentations for Community Groups for Mexican Immigrant Assets Study; Presentation at the Annual Community Development Awards of the Local Initiatives Support Corporation.

Web Projects: Supervisor, *Cultural Connections*, Phase 2 website.

Other: Various behind-the-scenes tours; new Trustees Orientations.

Patrick Ryan Williams

Exhibit Development: Content Specialist, *Maps*; Advisor, *Ancient Americas*.

Education Programs: Field Museum Members' Nights; Field Museum Education Department Public Lecture; Presentation, Anthropology Alliance; Presentation, Founders' Council Loop Luncheon; Council of Mayors Maps Exhibit Tour; PBS Documentary "Machu Picchu."

DEPARTMENT OF BOTANY**Norbert J. Cordeiro**

Education Programs: Presentation, TFM Africa Council.

Web projects: Content Specialist, *Tanzania Forest Regeneration* website (www.fieldmuseum.org/africaforest).

Other: Behind-the-scenes tour for students and faculty from Lake Forest College; Photograph Contributor and Editor, *Rare Birds Yearbook 2008*, BirdLife International.

Michael O. Dillon

Exhibit Development: Curator, *George Washington Carver*; Content advisor, *Plant Portraits: The California Legacy of A.R. Valentien*; Content advisor, *The Emerald Ash Borer*.

Education Programs: Field Museum Members' Nights; *Cool Globes* kickoff speech to Chicago school students, K-12; *Adventures of a Curator* trustee event; DIBIOS (*Grupo de Investigación de la Diversidad Biológica del Sur*) botany field course, Peru.

Media Development: Interview on George Washington Carver, *In the Field*, Winter, 2007/08.

Web Projects: Developer and webmaster, Andean Botanical Information System, *ABIS* (www.sacha.org) website.

Maria Lucia Kawasaki

Education Programs: Field Museum Members' Nights.

Patrick Leacock

Education Programs: Field Museum Members' Nights.

Public Presentations: Informal Lectures, Illinois Mycological Association, North Park Village Nature Center, Chicago.

Field Trips: Illinois Mycological Association.

Web Projects: Content and Design Developer, *vPlants.org* website; Content developer, *North American Mycological Association Voucher Program* website.

Robert Lücking

Education Programs: Field Museum Members' Nights.

Public Presentations: Public Lecture for Donor's Event.

Other: Behind-the-scenes tours for Donor's Event.

H. Thorsten Lumbsch

Education Programs: Field Museum Members' Nights; Scientists in School Program.

Gregory M. Mueller

Education Programs: Field Museum Members' Nights; Annual Fund Lecture and Tour of Botany; Committee on Science Event; Friends of Botany Event (Spring Wildflower Walk); High School Science Summit.

Public Presentations: Illinois Mycological Association, Chicago, IL.

Media Development: Newspaper interview, *Chicago Tribune*; TV interview, *Chicago Tonight* (WTTW); Magazine interview, *Esquire*.

Other: "Jornada Micologica" (workshop on mushroom identification), Braganca, Portugal; Mushroom Fair, Moulis, France.

Richard Ree

Education Programs: Field Museum Members' Nights.

Web Projects: Developer, *Biodiversity of the Hengduan Mountains* website/database.

Other: Behind-the-scenes tours.

Gayle Tonkovich

Web Projects: Coordinator (vascular plants), *vPlants: A Virtual Herbarium of the Chicago Region* (www.vplants.org).

Matt von Konrat

Education Programs: Presentations: (Spring and Fall) at Lincoln Park Conservatory, Chicago Park District, Chicago; Presentations: Scientist in the Schools, Field Ambassador Program (Blaine Elementary, Argo Community High School, Main West High School, Hubbard High School); Behind-the-Scenes Tour: High School Transformation Project, Chemistry Teachers, Blaine Elementary.

Web Projects: Editor, Liverworts, *The New Zealand Plant Conservation Network* (www.nzpcn.org.nz); Editor, Bryophytes, *DiscoverLife* (www.discoverlife.org/bryophyta); Developer, LIIF: *Liverwort Internet Information Facility* (www.liverworts.org); Contributor, *New Zealand Plants* (www.sbs.auckland.ac.nz/info/schools/nzplants/home.htm); Contributor, www.biology.duke.edu/bryology/LiToL/

Other: Behind-the-Scenes Botany Tours: Lincoln Park Conservatory, Chicago Park District; The Nature Conservancy, IL.

DEPARTMENT OF GEOLOGY**Kenneth D. Angielczyk**

Media Development: Invited press conference participant, Annual Meeting of the Society of Vertebrate Paleontology; cited in article in *Discovery News*; Roopnarine et al. (2007) paper reviewed in Faculty of 1000.

Other: Presentations: Committee on Science, President's Address, Council on Africa.

Marlene Hill Donnelly

Education Programs: Field Museum Members' Nights.

Public Presentations: Field Museum Friends of Botany event.

Ian Glasspool

Education Programs: "Fossil Plant Lab" set-up for Eastern Illinois University at The Field Museum.

Exhibit Development: *Crown Family PlayLab*, specimen selection and advice.

Public Presentations: Behind-the-scenes tours.

Media Development: Interviews with *Associated Press* on Illinois coal swamp floras including an extensive preliminary interview with the *Discovery Channel* for a planned special; *BBC* on-line article published about collaborative research "Bog helps build climate insights."

Lance Grande

Exhibit Development: Content Specialist, revisions to *Evolving Planet*, Content Specialist, *Grainger Hall of Gems*; Travel to Kenya with Exhibits division to review a possible fossil hominid exhibit for Chicago; Travel to Houston to review *Lucy*, *Mollusks*, and *Gems* exhibits for use at The Field Museum; Content Specialist for Temporary Exhibits.

Education Programs: Field Museum Members' Nights.

Media Development: Two appearances of two hours each on the *Milt Rosenberg Show*, WGN radio 720, discussing evolution.

Public Presentations: Introductory comments at Darwin Symposium; Lecture at 4th Presbyterian Church in Chicago on Evolution and Religion; Employee recognition ceremony.

Other: Numerous behind-the-scenes tours.

Lenny Kouwenberg

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours to visiting scientists in the department.

Scott Lidgard

Education Programs: Field Museum Members' Nights.

Web Projects: Creator, *BryoZone* (<http://www.bryozone.net>), an interactive global database and website for Bryozoa that aims to foster preservation and dissemination of scientific knowledge of this diverse phylum of colonial invertebrate animals.

Other: Comments for Board of Trustees on 1st Biodiversity Synthesis Center Workshop; Tours of *Evolving Planet* for donor groups and CCUC; Behind-the-scenes tours to visiting scientists and several college and university biology and geology classes.

Peter J. Makovicky

Public Presentations: Presented and/or coordinated 12 high school lectures for Chicago High School Transformation Project; Lecturer, *Dinosaurs* exhibit openings at Field Museum and North Carolina State Museum, Raleigh.

Exhibit Development: Content expert on mounting of *Maiasaura* specimen in *Evolving Planet* and *Crown Family PlayLab* fossil dig.

Media Development: Numerous dinosaur-related interviews with international media including *Science Times*, *Science News*, *Associated Press*, and *Chicago Public Radio*; interviewed for *Museum Mysteries* on *The Travel Channel*.

Other: Tours of Geology Dept. and *Evolving Planet* for various donors and groups.

Clarita Nuñez

Education Programs: Field Museum Members' Nights.

Other: Tour of CRC for American Association of Museums.

Olivier Rieppel

Exhibit Development: Content specialist: *Darwin*.

Education Programs: Field Museum Members' Nights; Presentation at Founders Council Loop Luncheon; Presentation of *Darwin* at Field Museum staff preview; Guided tours through *Evolving Planet*.

Media Development: Various media interviews on the *Darwin* exhibit.

Symposium: *Darwin Symposium*.

Akiko Shinya

Exhibition Development: Remount and installation of *Maiasaur* in *Evolving Planet*; Fossil repair and conservation: *Dinosaurs* traveling exhibit, *Ancient Americas*, and *Crown Family PlayLab*; Japanese-English translation for *Maps*.

Education Programs: Field Museum Educator Open House; Dozin' with The Dinos-Family Overnights; Gifted senior level science student program.

Media Development: Interview with Discovery Channel and Travel Channel.

Other: Behind-the-scenes tours for: *Evolving Planet*, Vertebrate Fossil Prep lab, and/or collections area for donors, consultants, Annual Fund, Board of Trustees, Institutional Advancement, Human Resources

Intern Explore the Field event, Columbia College, University of Chicago, University of Illinois Chicago, Northwestern University, Illinois Institute of Technology, etc; Fossil identification for visitors.

Deborah Wagner

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for various visitors. Fossil identification for visitors.

DEPARTMENT OF ZOOLOGY

Thomas G. Anton

Education Programs: Naturalist Certificate Program Course, "Northern Illinois Reptiles and Amphibians," The Morton Arboretum.

Public Presentations: Lecturer, Crustacean, Amphibian and Reptile Monitoring at Skokie River Preserve, Lake Forest Open Lands Association.

Other: Volunteer Naturalist Training, Lake Forest Open Lands Association.

John M. Bates

Exhibit Development: Content Advisor: Botany Hall Renovation, *Darwin*, *DNA Discovery Center*, *Crown Family PlayLab*.

Education Programs: Chicago Collision Monitors meeting.

Public Presentations: Collection tour, Freshman Architecture Course, DePaul University; Field Associates Darwin Boat Cruise; Green Group Reception (*Cool Globes* exhibit).

Media Development: Magazine interview, *Nature*.

Tours and Field Trips: *Ultimate Madagascar*.

Web Projects: Content Specialist, *African Biodiversity Training Program* website; Content Specialist, *Collaborations in Congo* website.

Other: Various collection tours and presentations about the Department of Zoology and the Bird Division.

Rüdiger Bieler

Exhibit Development: Curator, *Pearls* (now traveling); Featured Curator, *Maps*.

Education Programs: Field Museum Members' Nights.

Public Presentations: Various lectures on molluscan diversity.

Web Projects: Developer, *PEET* website; Developer, *Malacological Journals & Newsletters* website.

Other: Use of field and laboratory photographs in various exhibition and textbook projects; Behind-the-scenes tours for visiting VIPs, etc.

James H. Boone

Exhibit Development: Content Advisor: *Darwin*, *George Washington Carver*.

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for Institutional Advancement, new employees, students, visiting specialists.

Carl W. Dick

Public Presentations: Guest Speaker, biology class trip, Danville Community College, IL.

Jochen Gerber

Education Programs: Field Museum Members' Nights.

Other: Various behind-the-scenes collections tours.

Steven M. Goodman

Media Development: Newspaper interview, *Chicago Tribune*; Radio interviews: *National Public Radio*; *Radio France International*; several Malagasy radio stations; Television interviews: *Malagasy Broadcasting Company*; *France 5*.

Shannon J. Hackett

Exhibit Development: Point Person: *DNA Discovery Center, Gregor Mendel*.

Education Programs: Creator, evolution and genomics programs, NIH collaboration with University of Chicago; Education programming, *DNA Discovery Center*, Materials design, Harris Education Loan Program.

Public Presentations: Oakton Elementary School, Evanston; Perspectives Charter School, Chicago.

Web Projects: Content Specialist, *Pritzker Lab* website; Content Specialist, *Early Bird Tree of Life* website.

Other: Behind-the-scenes tours for various groups.

Lawrence R. Heaney

Media Development: Press Releases, *Crown Family PlayLab*; Newspaper interviews: *Chicago Tribune*, *New York Times*.

Other: Behind-the-scenes tours for Institutional Advancement, President's Office and Field Museum Trustees; Participant: "Adventures of a Curator," "A Diorama Expedition."

Mary Hennen

Education Programs: Teacher Training Program.

Public Presentations: Arlington Heights Park District; Chicago Park District Science Summit; Field Museum Members' Nights; John Wesley Powell Audubon Society; Kane County Audubon Society; Lincoln Park Zoo Docents.

Media Development: Radio interview, WBEZ; Television interview, Channel 7 (ABC); Newspaper interview, *Chicago Tribune*.

Chris C. Jones

Education Programs: Field Museum Members' Nights.

Other: Behind-the-scenes tours for Institutional Advancement, new Trustees, visiting VIPs, etc.

Janeen Jones

Education Programs: Field Museum Members' Nights.

Kathleen M. Kelly

Education Programs: Field Museum Members' Nights.

Media Development: Newspaper article, *Daily Herald*.

Alfred F. Newton

Education Programs: Field Museum Members' Nights.

Web Projects: Database developer, NSF-PEET: Austral Staphylinidae website.

Bruce D. Patterson

Exhibit Development: Kenyan proposal for loan of *Impressions of Tsavo*; Reviewer, prospective traveling shows; Graphics preparation, *Maps*.

Education Programs: Field Museum Members' Nights.

Public Presentations: Lecturer, Midwest Museum of Natural History, Sycamore, IL; Maryland Place Retirement Community, Chicago, IL; Explorers Lecture Series, Phoenix Zoo, Phoenix, AZ.

Media Development: Magazine interview, *Smithsonian*; Television interview, *Discovery*; Radio interview, NPR's *Pulse of the Planet*.

Tours and Field Trips: Expedition Leader, three *Earthwatch* programs, Tsavo, Kenya.

Web Projects: Personal Field Museum website; *Lions of Tsavo* website (Earthwatch).

Other: Presenter: Colburn Garden Party, Trustees, visiting VIPs, Earthwatch, etc.

Julian C Kerbis Peterhans

Education Programs: Field Museum Members' Nights.

Public Presentations: Africa Council, Field Museum; Hubbard High School.

Media Development: Magazine interview, *Roosevelt University Alumni Magazine, Inaugural Edition*, Evelyn T. Stone College of Professional Studies.

Web Projects: Field Museum website; Roosevelt University website; *African Tropical Biodiversity Program* website.

Other: Behind-the-Scenes Tours for school groups, visiting VIPs, donors, etc.

Martin D. Pryzdia

Education Programs: Field Museum Members' Nights.

Sushma Reddy

Education Programs: Scientist at the Field; Conservation biologist, *Cool Globes* event; Sisters for Science after-school programs.

Other: Behind-the-scenes tours for Institutional Advancement.

Alan Resetar

Exhibit Development: *Crown Family PlayLab*.

Education Programs: Lecturer, Indiana Master Naturalist certification program, Indiana Dunes State Park Nature Center, Chesterton, IN; Lecturer, Indiana Master Naturalist certification program, Gibson Woods Nature Preserve, Hammond, IN; Instructor, Chicago Wilderness frog call monitoring workshop, Valparaiso Public Library, Valparaiso, IN; Field Museum Members' Nights.

Public Presentations: Presenter, amphibian and reptile survey project, northwest Indiana's Grand Calumet River watershed, Great Lakes Institute, Paul H. Douglas Environmental Center, Indiana Dunes National Lakeshore, Gary, IN; Presenter, developing delisting targets for beneficial use impairments, Citizens' Advisory Committee for the Remediation of the Environment meeting, Indiana University Northwest Library Conference Center, Gary, IN.

Tours and Field Trips: Co-leader, Herpetological field trip, Midwest Partners in Amphibian and Reptile Conservation (PARC) meeting attendees, Indiana Dunes, IN.

Clara Richardson

Other: Exhibitor, Annual Exhibit of the Guild of Natural Science Illustrators, Montana State University School of Architecture; Exhibitor, Field Museum.

Mary Anne Rogers

Education Programs: Field Museum Members' Nights.

Tours and Field Trips: Tanzania Safari: The Great Migration.

Petra Sierwald

Media Development: Television interviews: *Discovery Channel*, *Chicago Tonight*.

Web Projects: Complete renovation and expansion of *PEET Millipede* website; Lead Developer, scholarship program intranet site, Scholarship Committee, Field Museum.

Other: Various behind-the-scenes tours for visiting VIPs, Members Nights, etc.

William T. Stanley

Education Programs: Field Museum Members' Nights; Content Contributor, Tanzanian educational outreach products.

Public Presentations: Permanent Collection Audio Tour.

Tours and Field Trips: Tour Leader, Tanzania Safari; Collection Accreditation tour of the Museum of Southwestern Biology and Peabody Museum, Yale University.

Web Projects: Developer, *Tanzania Mammal Key*.

Other: Behind-the-scenes tours for Institutional Advancement, new Trustees, visiting VIPs, etc.; Bilingual (English and Kiswahili) Educational Outreach products, including 2008 calendars (three versions), and posters (four versions).

Daniel Summers

Exhibit Development: Content Point Person, *Cicadas*, *Crown Family PlayLab*, *The Emerald Ash Borer*.

Education Programs: Field Museum Members' Nights.

Public Presentations: Scientist on the Floor.

Media Development: Newspaper interviews: *Asahi Shimbun*, Japan, *Associated Press*, *Chicago Tribune*, *Chicago Tribune Redeye*, *Daily Herald*, *The Daily South Town*, *The Democrat*, St. Louis, *Northwest Herald*, *USA Today*; Magazine interviews: *Chicago Magazine*, *Illinois Issues*; Television interviews: NBC 5 (WMAQ), ABC 7 (WLS), CBS 2 (WBBM), Fox 32 (WFLD), Fuji TV, Japan; Radio interviews: Canadian Public Radio, WGN, WISN, Milwaukee, WGEN, Quincy.
Web Development: Bugfacts.net website.

Kevin Swagel

Education Programs: Field Museum Members' Nights; Field Museum Behind-The-Scenes; Tour Leader, Department of Biology Undergraduate Tour, University of Wisconsin-Whitewater.
Tours and Field Trips: Tour Leader, Campus bird walk, Flying Wild Teacher's Workshop, Field Museum.
Other: Behind-the-scenes tours for a variety of groups and individuals.

Margaret K. Thayer

Exhibit Development: Content Contributor, *Darwin* audio tour; Content Contributor, *DNA Discovery Center* cases.
Education Programs: Field Museum Members' Nights.
Public Presentations: Presenter, Founders' Council Frontiers.
Web Projects: Principal Content Designer, Insects' EMuWeb online database interface; Curator, EoL exemplar page, American Burying Beetle.
Other: Behind-the-scenes tours, EoL visiting group; Organizer, live demo of BMNH Remote Imaging System.

Janet R. Voight

Exhibit Development: Content Specialist, *Exploring the Arctic Seafloor*; Contributor, *DNA Discovery Center*; Member, Permanent Exhibition Re-evaluation team.
Education Programs: Host, *Live from the Poles* education event; Field Museum Members' Nights; Teacher training, in association with National Geographic.
Public Presentations: Host, *Live from the Poles* education event; Keynote Speaker: Rachel Carson High School Science Summit, The Field Museum; Invited lecturer, Chicago Shell Club; Invited Lecturer, Science and Mathematics Colloquium Series, Columbia College, Chicago.
Media Development: Newspaper interviews: *Chicago Sun-Times*, *The Star*; Magazine interview, *Nature*.
Web Projects: Coordinator, renovation of Zoology Department web pages; Advisor, *Encyclopedia of Life*;
Other: Behind-the-scenes tours for visiting VIPs; HOV *Alvin* video for planned Ocean Hall Exhibition, Smithsonian.

Harold K. Voris

Exhibit Development: Content Contributor, *Maps*.

Stephanie L. Ware

Web Projects: Developer, *African Tropical Biodiversity Program* website.
Other: Various behind-the-scenes tours.

Jason D. Weckstein

Education Programs: Participant, *Scientist at the Field*.
Media Development: Radio interview, NPR.
Web Projects: Content, *expeditions@field* website.
Other: Various impromptu preparation room presentations about birds and their ectoparasites; Behind-the-Scenes Tour of 3rd Floor and Pritzker Lab for Danville Community College General Zoology Class and two groups from Lake Forest College.

Mark W. Westneat

Public Presentations: Presenter: *Encyclopedia of Life*, Chicago Science Week, Border's Books.
Media Development: Newspaper articles: *Chicago Tribune*, *Chicago Sun-Times*, *New York Times*, *Seattle Times*, various other major newspapers around the world; Magazine articles: *Discover Magazine*, *Discover Kids*, *Time Magazine for Kids*, various others; Video, *Nature*.

Web Projects: Research website, software development, *Encyclopedia of Life, Biodiversity Synthesis Center*.

Other: Behind-the-scenes tours for Institutional Advancement, prospective donors, Trustees, visiting classes.

David Willard

Education Programs: Museology; Teen Ambassadors; Flying Wild; Teacher Workshop on adaptation.

Public Presentations: Field Museum Members' Nights; Enderis Park Bird Club; Aulwood Audubon Society; Prairie Woods Audubon Society; DuPage Birding Club.

Tours and Field Trips: Nebraska Crane Tour.

Other: Founders Frontier donor programs.

Philip W. Willink

Exhibit Development: Content Advisor, *Crown Family PlayLab*; Content Advisor, *Maps*; Proof-reader, *Water: Life in Water*.

Education Programs: Field Museum Behind-the-Scenes; Rachel Carson High School Science Summit.

Media Development: Newspaper interview, *Chicago Tribune*; Magazine interviews: *Chicago Magazine*; *Buntbarsche Bulletin*; *American Currents*.

Other: Behind-the-scenes tours for a variety of groups and individuals.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

Exhibit Development: Content Specialist, *DNA Discovery Center*.

Public Presentations: Presenter, Annual Fund Behind-the-Scenes event.

Other: Tours of the Pritzker Laboratory: Elm School, East-West University; Telefund staff; Peter Toorop (Royal Botanic Gardens, Kew); Chicago Public School Teachers (through Education program); Lake Forest College Freshman; Loyola undergrads; Board of Trustees/COS group; Explore the Field; Nick Pritzker; Craig Mello; Annual Fund. Participant, Career Days at Kenyon Woods Middle School, Elgin; Participant, Cooper Middle School, Buffalo Grove.

OFFICE OF COLLECTIONS AND RESEARCH

Lori Grove

Education Programs: Presentations to School of the Art Institute Scientific Illustration classes at The Field Museum.

Other: Behind-the-scenes tours to members of the public.

HIGHER EDUCATION, 2007

(College/University Teaching, Graduate Advising, Internships, etc.)

DEPARTMENT OF ANTHROPOLOGY

Daniela Bono

Undergraduate Interns: James Van Wyk, Northwestern College.

L. Antonio Curet

Graduate Students Advised: Jason Laffoon, William Pestle, University of Illinois at Chicago.

Undergraduate Interns: Martha Flores, Northeastern Illinois University; Joshua Torres, University of Florida.

Courses: "Social Stratification," Northwestern University; "Archaeology of Households," University of Chicago.

Scott Demel

Education Programs: DePaul University Adjunct Faculty.

Other: Coordinating Cultural Resource Management (CRM) and salvage archaeology efforts for the CRC project with the Illinois Historic Preservation Agency (IHPA), the Illinois State Museum (ISM), and the Illinois Archaeological Survey (IAS).

Gary M. Feinman

High School Intern: Hilary Leathem, Geneva High School.

Undergraduate Interns: Geoffrey Lloyd, Iowa State University; Lacey Carpenter, Northwestern University.

Jonathan Haas

Postdoctoral Scientists: Nathan Craig, Maxine McBrinn.

Graduate Students Advised: Rebecca Osborne, Kaelyn Dillard, Matt Piscatelli, Sofia Chacaltana, University of Illinois at Chicago; Margaret Brown Vega, University of Illinois at Urbana-Champaign; Martin Authier, Southern Methodist University; Allen Rutherford, Kristin Landry, Ed Jackitis, Northern Illinois University.

Undergraduate Interns: Erin Van Bladel, University of Illinois at Chicago; Kaelyn Dillard, Tulane University.

High School Interns: Crystal Croyl, Illinois Mathematics and Science Academy; Dylan Breternitz, Phoenix.

Chapuruka M. Kusimba

Graduate Students Advised: Nam Kim, Rahul Oka, Cyril Wilson, University of Illinois at Chicago; Mathew Park, University of Edinburgh; Paul Wahiu, Northwestern University, Kong Cheong, Kennesaw State University, Pavel Onderka, Charles University; Ryan Szysmanski, Northern Illinois University.

Debbie Linn

Undergraduate Interns: Liz Andrzejczak, Art Institute of Chicago; Elizabeth Freechack, Northwestern University; Kyle Fry, Indiana University at Bloomington.

Trainees: Preparators in the mount shop, Field Museum.

Invited/Guest Lectures: Guest Lecturer for graduate Art History class, University of Chicago; Guest Lecturer for the Anthropology Alliance, The Field Museum

Robert D. Martin

Courses: "Primate Evolution," University of Chicago.

Other: Graduate student selection committee for Committee on Evolutionary Biology, University of Chicago.

Linda M. Nicholas

High School intern: Hilary Leathem, Geneva High School.

Undergraduate interns: Geoffrey Lloyd, Iowa State University; Lacey Carpenter, Northwestern University.

Ruth Norton

Graduate Students Advised: Eileen Sullivan, Buffalo State College.

Undergraduate Interns: Elizabeth Schaeffer, University of Chicago; Elizabeth Freechack, Northwestern University.

Invited/Guest Lectures: Adjunct Professor, Conservation of Ethnographic Collections, SUNY Buffalo State; Guest Lecturer, Conservation of Archaeological Wood, Oriental Institute, University of Chicago.

Anne P. Underhill

Courses: Two reading courses for UIC Ph.D. student Rory Dennison (my advisee) on ancient China (one using Field Museum collections).

Other: Committee member for three other UIC Ph.D. students in Anthropology (Nam Kim, Vietnam; Debra Green, Philippines; Lisa Niziolek, Philippines); Committee member for external students: Charles Hartley and Lin Hu, University of Chicago, Department of Anthropology; Rheta Lanehart, University of South Florida, Department of Anthropology (dissertation on excavated materials from Liangchengzhen, China); Geoffrey Cunnar, former Ph.D. student at Yale, graduated With Distinction from Yale University, Department of Anthropology, May (dissertation on excavated materials from Liangchengzhen, China); Selection Committee for new graduate students in Anthropology, UIC.

Alaka Wali

Graduate Students Advised: Rosa Cabrera, Ruth Gomberg, University of Illinois at Chicago.

Patrick Ryan Williams

Courses: "Landscape Archaeology," University of Illinois at Chicago

Graduate Students Advised: Sofia Chacaltana, Mark Golitko, Jason Laffoon, Will Pestle, Russell Quick, Matt Schauer, University of Illinois at Chicago; Kenneth Sims, University of Michigan; Nicola Sharratt, University of Illinois at Chicago; Chris Dayton, Ben Vining, Boston University; Robin Coleman, Northwestern University; Kirk Costion, University of Pittsburgh.

DEPARTMENT OF BOTANY**Norbert J. Cordeiro**

Graduate Students Advised: Valérie Lehouck, University of Ghent, Belgium.

Undergraduate Interns: Dominique Azarcon, University of Illinois at Chicago; Natasha Shah, University of Illinois at Chicago.

High School Interns: Elizabeth Ikejimba, Illinois Math and Science Academy.

John J. Engel

Other: Thesis committee, David Meagher, Melbourne, Australia.

Kentaro Hosaka

Graduate Students Advised: Fuqiang Yu, Kunming Institute of Botany.

Undergraduate Interns: Christine Lee, University of Chicago; Raphael Porto, Loyola University.

Patrick Leacock

Undergraduate Interns: Wyatt Gaswick, University of Illinois at Chicago; Zhao Tang, Caitlin Wylie, University of Chicago.

Robert Lücking

Graduate Students Advised: Alejandrina Bárcenas Peña, Universidad Nacional Autónoma de México; Bibiana Moncada, Universidad Nacional de Colombia; Dania Rosabal López, Universidad de Oriente, Santiago de Cuba; Daniela Lizano, Universidad de Costa Rica; Eimy Rivas Plata, University of Illinois at Chicago; Jesús Hernández, Universidad Simón Bolívar, Venezuela; Khwanruan Papong, Mahasarakham University, Thailand; Lidia Ferraro, Instituto de Botánica del Nordeste, Argentina; Marcela Cáceres, Universität Bayreuth; Oneida Font, Universidad de Oriente, Santiago de Cuba.

Courses: OTS Specialty Course “Tropical Lichens As Models To Study Ecological Communities Using Multivariate Techniques,” Las Cruces, Costa Rica; NSF “Neotropical Epiphytic Microlichens” Workshop, São Paulo, Brazil, La Paz, Bolivia, and Lima, Peru; “Análisis Multivariado,” Universidad Peruana Cayetano Heredia, Lima, Peru.

H. Thorsten Lumbsch

Graduate Students Advised: Armin Mangold, Universität Duisburg-Essen; Eimy Rivas Plata, University of Illinois at Chicago; Nora Wirtz, Universität Duisburg-Essen.

Gregory M. Mueller

Postdoctoral Scientists: Peter Avis, Kentaro Hosaka, Patrick Leacock.

Graduate Students Advised: Primary Advisor: Sara Branco, University of Chicago; Michael Fitzsimons, University of Chicago; Kelly Gravier, University of Chicago; Matthew Keirle, University of Chicago; Member of Committee: George Mugambe, University of Illinois Chicago; Lymari Ruiz, University of Illinois Chicago; Mariana Valencia, University of Illinois Chicago; Fuqian Yu, Institute of Botany, Kunming, China.

Visiting Scientist: Fuqian Yu, Institute of Botany, Kunming, China.

Courses: “Mutualisms and Symbioses,” upper level undergraduate course, University of Chicago; “Evolutionary, Environmental, and Conservation Biology,” course for GAANN Graduate Fellows; “Biogeography of Macrofungi,” Workshop, Universidad de San Carlos, Guatemala; “Biogeography of Mushrooms and Other Macrofungi,” lecture in the ACCA Biology Seminar on Biogeography, Benedictine University.

Invited/Guest Lectures: University of Arkansas, Fayetteville, AR; Universidad de San Carlos, Guatemala; Université Montpellier, Montpellier, France; Escola Superior Agraria de Braganca and Centro de Investigacao de Montanha, Braganca, Portugal.

Rick Ree

Postdoctoral Scientists: Norbert Cordiero, Ji-Pei Yue.

Graduate Students Advised: Jacqueline Van De Veire, University of Illinois at Chicago; Committee member, Sara Branco, University of Chicago; Committee member, Michael Jorgenson, University of Illinois at Chicago; Committee member, Diane McCarthy, University of Illinois at Chicago; Tracy Misiewicz, Northwestern University.

Trainees: Bryan Beaumont, DePaul University.

Undergraduate Interns: Ciera Martinez, Northeastern Illinois University.

Invited/Guest Lectures: Invited lecture in course on “Comparative methods in ecology and evolution,” Harvard University; Invited lecture, ACCA Biology Seminar on Biogeography, Benedictine University.

DEPARTMENT OF GEOLOGY

Kenneth D. Angielczyk

Invited/Guest Lectures: Invited lecturer, Historical Geology (GEOL 115), Department of Geosciences, San Francisco State University.

Graduate Students Advised: Co-Advisor for Ph.D. project of Stephanie E. Pierce, Department of Earth Sciences, University of Bristol.

John R. Bolt

Other: Met with prospective University of Chicago CEB students.

Marlene Hill Donnelly

Courses: Morton Arboretum: “Scientific Botanical Illustration” (certificate required course), “Landscape Painting in Watercolor and Pastel; Mixing Greens”; Chicago Botanic Garden: “Botanical Painting and Illustration,” “Botanical Drawing I (certificate required course); Landscape Painting in the Field”; North Shore Art League: “Watercolor.”

Lance Grande

Postdoctoral Scientist: Eric Hilton.

Courses: “Stones and Bones” (undergraduate level and advanced placement high school students), University of Chicago.

Other: Met with prospective University of Chicago CEB students.

Lenny Kouwenberg

Graduate Student Committee: Rosemary Bush (Northwestern University, Evanston).

Scott Lidgard

Courses: “History of Life,” Department of Biology, University of Illinois at Chicago (70 students).

Graduate Student Committees: Paul Harnik, Committee on Evolutionary Biology, University of Chicago; Erin Grey, Department of Ecology and Evolution, University of Chicago; Christine Belanger, Department of Geophysical Sciences, University of Chicago.

Peter J. Makovicky

Graduate Students: Rudyard Sadleir (Chair), Nate Smith (Chair), Brandon Kilbourne, Committee on Evolutionary Biology, University of Chicago; Clint A. Boyd, North Carolina State University.

Olivier Rieppel

Courses: “Evolutionary Morphology of Vertebrates” for undergraduates, Northwestern University.

Deborah Wagner

High School Intern: Joey Brown.

Teaching Assistant: “Stones and Bones,” University of Chicago Summer Session.

DEPARTMENT OF ZOOLOGY

John M. Bates

Postdoctoral Scientist: Jason Weckstein.

Graduate Students Advised: Esther Quintero, American Museum of Natural History, New York City; Heather Shull, Boston University; Raoul Davion, Charles Stuart University, Australia; Anchalee Aowphol, Chulalongkorn University, Thailand; Michael Huhndorf, Illinois State University, Normal; Prince Kaleme, Potiphar Kaliba, University of Cape Town, South Africa; Emma Gregg, Lucinda Lawson, Aaron Savit, Sarah Weyandt, University of Chicago; Cathy Bechtoldt, University of Illinois at Urbana-Champaign; Muhammad Abu Baker, Luca Borghesio, Isabel Caballero, University of Illinois at Chicago; Marcos Maldonado, University of Missouri, St. Louis.

Undergraduate Interns: Chelsea Bueter, Lake Forest College.

High School Interns: Barney Coates, Homewood-Flossmoor H. S.

Courses: “Population genetics and systematics” reading group, The Field Museum; Independent reading course, University of Chicago.

Rüdiger Bieler

Postdoctoral Scientist: John Healy, University of Queensland.

Graduate Students Advised: Nicholas Johnson, University of Chicago; Rebecca Rundell, University of Chicago, Committee on Evolutionary Biology; Isabella Kappner, John Wilk, University of Illinois, Chicago.

Courses: “From So Simple a Beginning: Evolution,” University of Chicago.

James H. Boone

Undergraduate Interns: Dana Eckland, Montana State University; Madelinne Krenn, Truman College.

High School Interns: Tracey Eckland, Libertyville High School.

Carl W. Dick

Graduate Students Advised: Juan Sebastian Tello, Louisiana State University; Luiz Felipe Alves da Cunha Carvalho, Universidade Federal do Mato Grosso do Sul, Brasil.

Undergraduate Interns: Gabriella Chiono, Loyola University of Chicago.

High School Interns: Michael Barber, Michael Bindokas, Cassie Pontone, Oak Park-River Forest High School, IL.

Steven M. Goodman

Graduate Students Advised: Clément Gilbert, Stellenbosch University, South Africa; Patricia Maminirina, Martin Raheerarisena, Marie Jeanne Raheerilalao, Zafimahery Rakotomalala, Hery Rakotondravony, Julie Ranivo, Fanja Ratrimomanarivo, Voahangy Soarimalala, 6 DEA students, Université d'Antananarivo, Madagascar; 6 Master's students, University of Kwa-Zulu Natal, South Africa; Jean Eric Rakotoarisoa, Yale University, CT.

Other: Honorary Appointment as Professor, Université d'Antananarivo, Madagascar; Honorary Appointment as Professor, Université de Mahajanga, Madagascar; Honorary Professor, University of Kwa-Zulu Natal, South Africa.

Shannon J. Hackett

Postdoctoral Scientist: Sushma Reddy.

Graduate Students Advised: Zac Cheviron, Louisiana State University; Nicholas Block, Dan Davison, Matt Keirle, Lucinda Lawson, Rebecca Rundell, University of Chicago; Melissa Burns, University of Illinois at Chicago.

Undergraduate Interns: Sarah Hunter Smith, Swarthmore College, PA.

High School Interns: Sam Kearney, Homewood-Flossmoor High School, IL.

Courses: "Population genetics and systematics" reading group, The Field Museum.

Invited/guest lectures: Lecture, "Doctoral Dissertation Improvement Grants," (Graduate) University of Chicago; Guest Lecturer, genomics class, University of Chicago.

Lawrence R. Heaney

Graduate Students Advised: Sarah Weyandt, University of Chicago.

Courses: "Philippine Biogeography," University of the Philippines.

Other: Traveling scholars advised, Phillip Alviola, Janine Ochoa, University of the Philippines.

Maureen Kearney

Graduate Students Advised: Paul Velazco, University of Illinois at Chicago.

Undergraduate Interns: Jason Patinkin, Columbia University, NY.

Courses: "Biological Systematics," University of Chicago.

Other: Research Assistant, Sara Burch.

Alfred F. Newton

Postdoctoral Scientists: Mariana R. Chani-Posse, Munetoshi Maruyama, Alexey Solodovnikov.

Graduate Students Advised: Edison Caron, Universidade Federal do Paraná, Brazil; David J. Clarke, University of Illinois at Chicago.

Bruce D. Patterson

Postdoctoral Scientist: Carl W. Dick.

Graduate Students Advised: Andy Dossmann, University of Chicago; Mohammad Abu Baker, Malu Jorge, Carrie Seltzer, Paul Velazco, University of Illinois at Chicago.

Undergraduate Interns: Juan Miranda, Lana Vasquez, Northeastern Illinois University.

Trainees: Alex Mwazo Gombe, Mark Kinyua, Taita, Kenya.

Invited/Guest Lectures: Guest Lecturer, "Biogeography," Associated Colleges of Chicagoland, Lisle, IL.

Julian C. Kerbis Peterhans

Graduate Students Advised: Terrence Demos, City University of New York; Michael Huhndorf, Illinois State University; Luca Borghesio, University of Illinois at Chicago; Ogeto Mwebi, University of Newcastle, United Kingdom; Prince Kaleme, Potpihar Kaliba, University of Stellenbosch, South Africa.

Undergraduate Interns: Ashley Lavender, Lakesha Lewis, East-West University, IL.

High School Interns: Cristina Guererro, Joanna Izewski, Giuli Rotunno, Anneliese Voss, St. Ignatius College Preparatory School, Chicago, IL.

Courses: "Seminar in Natural Science," Roosevelt University, IL.

Other: Jury Service, Peterhans Prize, Illinois Institute of Technology; Volunteer, Gastone Celesia, lion and small mammal research.

Kevin M. Pitz

Undergraduate Interns: Claire McPartlin, University of Chicago.

Invited/Guest Lectures: Guest Lecturer, "Evolution," University of Chicago.

Petra Sierwald

Postdoctoral Scientist: Kevin Pitz.

Graduate Students Advised: Paul Marek, East Carolina University; Michael Jorgensen, University of Illinois, Chicago.

Courses: "From So Simple a Beginning: Evolution," University of Chicago.

Other: Adjunct Professor, East Carolina University, Greenville, NC; Adjunct Professor, University of Illinois, Chicago.

William T. Stanley

Undergraduate Interns: Jennifer Bolas, Walter Clifford, Barbara Gillies, Brittainy McClain, Lana Vazquez, Northeastern Illinois University.

Margaret K. Thayer

Postdoctoral Scientists: Norbert J. Cordeiro, Munetoshi Maruyama, Alexey Solodovnikov.

Graduate Students Advised: David J. Clarke, Wyatt Gaswick, University of Illinois at Chicago.

Undergraduate Interns: Taro Eldredge, Cornell University; Michael Zubik, Dominican University; Grace Krause, University of Chicago; José-Cristian Martínez, University of Illinois at Chicago.

Janet R. Voight

Undergraduate Interns: Michael Santema, Trinity Christian College, IL.

Invited/guest lectures: Invited Seminar, Columbia College, Chicago; Keynote Speaker, Rachel Carson High School Science Summit, The Field Museum.

Other: Species named in honor, Arthropoda: Amphipoda: *Paronesimoides voightae* Larsen, 2007.

Harold K. Voris

Graduate Students Advised: Anchalee Aowphol, Ratchata Phochayavanich, Chattapat Pongchareon, Chulalongkorn University, Thailand; Jennifer Sheridan, University of California San Diego.

Undergraduate Interns: Yohsuke Amano (graduated); Shab Mohammadi, Georgetown University; Deren Babsby, Tracy Tamashiro, Hanover College, IN.

Jason D. Weckstein

Undergraduate Interns: Chelsea Bueter, Lake Forest College, IL; Swati Patel, Irene Swanenberg, Northwestern University, IL.

Trainees: José Salvatoré Leister Patané, University of São Paulo, Brazil.

Mark W. Westneat

Graduate Students Advised: Scott Bradley, DePaul University, IL; Janelle Morano, Loyola University, IL; Phil Anderson, Jim Cooper, Aaron Rice, Brian Sidlauskas, University of Chicago; Jennifer Fessler, Steve Hanson, University of Illinois at Chicago.

Undergraduate Interns: Margaret Siple, Northwestern University; Jay Bauman, Alta Buden, James Waters, University of Chicago.

Courses: "Comparative Anatomy of the Vertebrates," (Undergraduate/Graduate) University of Chicago.

Invited/Guest Lectures: "Research at the Field Museum," University of Chicago.

David Willard

Invited/Guest Lectures: Art Institute of Chicago (2); College of Lake County; College of St. Mary's; North Park College.

Philip W. Willink

Graduate Students Advised: Victor Hugo Garcia Cabrera, Universidad Amazonica de Pando, Cobija, Bolivia.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION

Kevin A. Feldheim

Trainees: Nick Block, Edna Davion, Sam Kearney, Christine Lee, Raphael Porto, Steve Pruett-Jones, Nathan Smith, Irene Swanenberg, University of Chicago; Saji Abraham, Dave Clarke, Jennifer Schmidt, University of Illinois at Chicago; Andrea Bernard, Vince Richards, Nova University, Ft. Lauderdale; Raoul Davion, Charles Sturt University; Sarah Hunter-Smith, Swarthmore College; Sam Kearney, Homewood-Flossmoor High School; Elizabeth Ikejimba, Illinois Math and Science Academy; Ciera Martinez, Northeastern Illinois University; Irene Swanenberg, Northwestern University, IL; Aysegul Ugur, University of Uludag; Bursa-Turkey; David Zaya, U.S. Geological Survey.

Co-advisor: Sheila Langosch, University of Illinois at Chicago.

TRAINING PROGRAMS, 2007

Each year members of The Field Museum's scientific staff contribute to a wide spectrum of formal and hands-on training in collections-based research for high school, undergraduate and graduate students, and young professionals. Building on the Museum's core subject matter in evolutionary and environmental biology and anthropology/archaeology, these programs meet a variety of needs—from encouraging young students to consider careers in the sciences to training young scientists from other countries in research techniques that enable them tackle environmental conservation issues at home. From Chicago neighborhoods to the tropics, the scientists of Collections & Research lend their expertise to train future generations of biologists and anthropologists. The following is an overview of the diverse array of training programs to which our scientists contribute.

HIGH SCHOOL AND UNDERGRADUATE INTERNSHIPS

Field Museum Scholarship Committee Internships

Each year The Field Museum supports summer internships for undergraduate students and recent graduates to work directly with scientists at The Field Museum on collections-based research projects. These internships were endowed through a generous gift from Ellen F. Hyndman. In 2007, the Committee added the Wood High School internships to its purview; funded by a generous gift from J. Howard and Barbara M. J. Wood, this program is geared specifically towards providing hands-on training for high school students in collections-based research. The Scholarship Committee's hope is that many of these interns will become scientists and carry on the role that our curatorial and professional staff play in advancing modern scientific knowledge, or at least that this exposure to scientific inquiry will help them become citizen guardians of our natural future.

Hyndman Undergraduate Interns

Aubrey Bailey, Rochester Institute of Technology, worked in Geology with Associate Curator Scott Lidgard, where she designed computer code and created tools for display of taxonomic information and bibliographic references on the taxonomic database and website www.bryozone.net. **Cesar Cartagena** (University of Chicago) worked in Zoology's Insects Division, where he sorted bulk samples, learned spider identification to family level, sorted and identified oonopid spiders. He is continuing his work as a volunteer. **Sylvia Deskaj** of Northeastern Illinois University provided curatorial assistance in numbering, labeling and storing some of the thousands of new mammal specimens recently added to the Zoology collections. **Taro Eldredge** of Cornell University, Ithaca, NY started work on a revision project on a small staphylinid beetle genus, which he presented at the national Entomological Society of America meeting in December. **Michael Santema** (Trinity Christian College, Palos Heights) worked with Associate Curator Janet Voight (Zoology) to test hypothesized difference in attempted predation in limpets from hydrothermal vents on the East Pacific Rise.

Wood High School Interns

Barney Coates of Homewood-Flossmoor High School studied morphometrics and geographic variation of African and Asian birds with John Bates. **Sam Kearney**, also of Homewood-Flossmoor High School, worked with Associate Curator Shannon Hackett of Zoology sequencing DNA on various species of birds for "Early Bird," an NSF-supported Tree of Life project. **Hilary Leathem** from Geneva Community High School assisted Anthropology Curator Gary Feinman in transferring archaeological fieldwork images from slides to digital format, scanned new images from books for research and presentation purposes, and assisted with data entry from Mesoamerican archaeological research. **William Montag** of the University of Chicago Lab School worked with Associate Curator Petra Sierwald sorting and labeling Collembola ("springtails"), sorting bulk samples, learning identification of various arthropod groups, and researching millipede literature for the world-wide species catalog project.

Prince Internship

This program, funded by the Prince Charitable Trust, provides support for visiting scientists as well as women and minority interns at the secondary and college levels. There were three Prince interns in 2007: **Andrea Betenia**, a student at Bryn Mawr College, worked with A Watson Armour III Curator Bob Martin (Anthropology) gathering data on the duration of lactation in various mammal species, and tackled the digitization of scanning his large collection of color images. **Paty Perea** (University of Illinois at Urbana-Champaign) made significant contributions to ECCo's "New Allies for Nature and Culture" project by doing ethnographic interviews and observations, annotated bibliographies, transcriptions and many other tasks as they arose. **Michelle Slesman** of Wheaton College worked on inventorying, sorting, labeling, and housing lithics from the Mesopotamian site of Kish with Adjunct Curators Jim Phillips and Deborah Bekken (both Anthropology).

Boone Scholars Internships for East Asian Studies

Supported by a bequest from the late Commander Gilbert E. Boone and his wife Katharine Phelps Boone, the Boone Scholars Internships for East Asian Studies allow highly qualified undergraduates the opportunity to study at The Field Museum and research Anthropology collections from Japan, Korea, China, and elsewhere in the eastern part of Asia. During 2007 **Elizabeth Freechack** (Northwestern University) researched Sri Lankan theatre tradition to place the Museum's collection of 175 masks from the southeast coast into context. She located several other significant collections and scholars and established correspondence with them in the interests of future detailed cataloguing of the collection. The area of origin of the Field Museum masks was severely damaged in the 2005 tsunami, but the family most involved in continuing the theatre tradition is still active. **Kyle Fry** (University of Indiana) translated 30 previously uncatalogued Chinese rubbings, and created a spreadsheet for translations and data on rubbings to assist Associate Conservator Debbie Linn in creating the prototype for the Chinese rubbings database. In addition, for one month both Elizabeth and Kyle translated inscriptions on the boxes of 220 Japanese scrolls from the Boone collection, and printed photographs of the inscriptions and scrolls to be added to the Anthropology Department Reference Guide to the Boone Scroll Collection. This guide greatly increases academic accessibility to the collection.

Anthropology Alliance Interns

Now in its seventh year, this program, launched by the Anthropology Department's auxiliary "friends" group, supports undergraduate involvement in anthropology research, including direct salary for Museum-based undergraduate collection management interns, and travel expenses for interns assisting in archaeological or ethnographic field work. In 2007 six Anthropology Alliance interns worked on a variety of projects in the department. **Jason Laffoon**, University of Illinois at Chicago, conducted fieldwork with Curator Ryan Williams in Peru. Jason's research interest is in bioarchaeology, and in his graduate studies he is investigating questions pertaining to migration and subsistence from the analyses of ancient remains from Puerto Rico. **Joshua Torres**, University of Florida, assisted Associate Curator Antonio Curet in his archaeological investigations at the ceremonial center of Tibes, in Ponce, Puerto Rico. Joshua's research is focused on pre-Columbian societies of the Caribbean. **Cyril Wilson**, Indiana University, conducted cultural anthropology fieldwork with Curator Chapurukha Kusimba. He is completing a study of the impact of civil war on the people and the ecosystem in his native Sierra Leone. **Meira Chefitz**, Northeastern Illinois University, worked with Conservator Tina Gessler on conservation projects, including treating a pagoda model that will be going out on loan to the Chinese-American Museum in Chicago, and treating a stone carving of a fish with flaking paint from the Pacific. **Melissa Safirstein**, Indiana University, worked with Collections Managers Jamie Kelly and Christine Taylor on data entry for tracking Anthropology objects that are currently on display within the various exhibitions. Both Meira and Melissa also worked on re-housing artifacts from the Mesopotamian site of Kish. **Helena Shaskevich**, Loyola University, worked with Collections Manager Chris Philipp conducting inventories on South American collections, and assisting with the move of Pacific collections to the Collections Resource Center.

GRADUATE PROGRAMS

University of Chicago—Committee on Evolutionary Biology (CEB)

This doctoral-degree granting program within the division of Biological Sciences at the University of Chicago is a collaboration among the University, The Field Museum, Brookfield Zoo, Lincoln Park Zoo, and Argonne National Laboratory. Its faculty has been training doctoral students for research and teaching careers in evolutionary biology for more than 35 years. Twenty Field Museum scientists are actively involved in the CEB graduate training program, comprising more than a third of its faculty and supervising more than half of the program's Ph.D. candidates. Curator Greg Mueller (Botany) has been Associate Chair of the CEB since 2004. Currently, 15 of CEB's 32 students are conducting Field Museum-based projects. 2007 marked the second year of support from a highly competitive grant from the Department of Education to enhance the training of graduate students at the interface of evolutionary biology and conservation science.

University of Illinois at Chicago/Field Museum Anthropology Ph.D. Program

This program was established in 1995 in order to strengthen anthropology course offerings at UIC and enable the university to grant the Ph.D. in Anthropology, as well as to facilitate access by UIC faculty and students to Field Museum collections. Besides teaching on a regular basis at UIC, all of The Field Museum's anthropology curators are adjunct professors and members of the UIC graduate faculty, chairing Ph.D. committees—Field Museum curators collectively chaired eight doctoral committees in 2007—as well as serving on admissions committees, and on search and promotion committees for teaching and faculty positions. There are currently 53 Ph.D. students in the program, and FM curators work with more than half of them in some capacity (as dissertation committee members, intern supervisors, or informal advisors for first-year students). Three UIC graduate students held Field Museum fellowships that supported their research during 2007.

Northwestern University/Field Museum Program in Anthropology

Formalized in Fall 2001, this program consolidated an emerging relationship between the Anthropology programs at the Museum and Northwestern. Eight Field Museum anthropology curators have adjunct professor status at Northwestern, and engage in regular teaching duties that are part of the Northwestern University course offerings, and select NU anthropologists have adjunct curator status at the Field. Currently Associate Curator Ryan Williams is chairing one Ph.D. dissertation committee in the program.

University of Illinois at Chicago—Ecology and Evolution Program

This graduate-degree granting program within the Department of Biological Sciences at the University of Illinois at Chicago is a collaboration of the department's eight organismal biologists with nine curators at The Field Museum, as well as scientists from the Brookfield Zoo, the Morton Arboretum and other area institutions. The collaboration grew out of joint interest in training international colleagues, and the program has hosted three MacArthur-sponsored programs for training in tropical conservation, as well as several NSF-funded programs in Botany and Zoology. Nine students based in the Museum's Department of Zoology and two in Botany are currently pursuing their graduate studies under this program. Curators Bruce Patterson (Zoology), Greg Mueller (Botany), and Scott Lidgard (Geology) serve as institutional liaisons.

Resident Graduate Students

Field Museum scientists lend their expertise to both undergraduate and graduate instruction at universities in the Chicago area and around the world. As the Higher Education section of this report demonstrates, university teaching is central to the activity of Field Museum curators, as is graduate student advising and dissertation supervision. Among the graduate students mentored and advised by Field Museum curators is a core group of graduate students whose work is squarely based in The Field Museum's collections and labs. During the past year The Field Museum provided training in collections-based research to 57 resident graduate students, from the University of Chicago, the University of Illinois at Chicago, Northwestern University, Boston University, Loyola University, as well as the University of California-San Diego, the University of Massachusetts, and Chulalongkorn University, Thailand.

PROFESSIONAL AND FIELD-BASED TRAINING

Budding Archeologists Field School

2007 marked the second year of this partnership with Lorenzo R. Smith School in Hopkins Park, Illinois. Led by Curator Chap Kusimba and Head of Collections Scott Demel (both Anthropology) the program combines classroom-based science instruction and hands-on experience in an archeological excavation focusing on an African-American settlement dating back to the Reconstruction era. In 2006, an Illinois Start Up grant enabled the team to conduct the first archaeological excavations of a historical site in Hopkins Park. In 2007 the team began excavations of a cabin site believed to belong to Joseph "Pap" Tetter, one of the first African American residents of the area. The 7th and 8th grade students were involved in every aspect of the archaeological excavation, including mapping, surveying, and digging. The program also included instruction in the fauna and the ecosystem of the Hopkins Park region, both in the classrooms and collections of The Field Museum, and at Lorenzo Smith School (including a visit from the Education Department's Soil Adventure Mobile). This program provides a unique learning experience for the students, as well as in-depth exposure to science and history. The Budding Archeologists Field School is supported by the Pembroke School District, the Service Corps of Retired Executives (SCORE), and the No Child Left Behind Act, and won honorable mention in the American School Board Journal's 2007 Magna Awards.

Stones and Bones: A Course in Paleontological Research and Field Work

For the past three summers Lance Grande (Senior Vice President and Head of Collections and Research) has taught a field course to a small group of advanced placement high school and undergraduate college students. The four-week course is run through the University of Chicago and The Field Museum and covers paleontological theory, method and practice. The course begins at The Field Museum, where the students spend a week learning about fossil collections and the type of research conducted here, followed by two weeks of hands-on paleontological field work in the mountain desert near Kemmerer, Wyoming, one of the world's most spectacular fossil sites. In their final week, back at The Field Museum, students focus on preparation, study and analysis of the collected material and incorporation of the specimens into the permanent Museum collection. In 2007, eight students participated in the program.

Contisuyo Archaeological Field School

2007 was the second year of this Field Museum-UIC program, which introduces undergraduates to archaeological excavation and laboratory analysis techniques at two sites in southern Peru. The primary field sites are a mountaintop Wari city (600-1000 AD) and a Late Tiwanaku cemetery (1000-1100 AD), although students are exposed to the breadth of South American archaeology through visits to other sites as well. The field school operates in conjunction with The Field Museum's sister institution in Peru, the Contisuyo Museum in the southern department of Moquegua. The program is led by Associate Curator Ryan Williams (Anthropology) and Adjunct Curator Donna Nash, plus faculty from the University of Florida and the Contisuyo Museum. The Field School hosted seven undergraduate students in 2007 (six from UIC and one from the University of Chicago).

Archaeology and Ethnography Field School in Kenya

This summer archaeology field school, offered as a for-credit course through Northern Illinois University, is directed by Curator Chap Kusimba (Anthropology), Sibel Kusimba (NIU professor and FMNH Research Associate), and Dr. Simiyu Wandibba of the University of Nairobi. Undergraduate and beginning graduate students get hands-on experience in archaeology and ethnography as part of the archaeological team investigating the economic, social, and technological interactions among the peoples that have lived on the slopes of Mt. Elgon for the past 5,000 years. Participants this year included 12 students from the U.S., Malaysia, South Africa, and India.

Ecology Training Program/Université d'Antananarivo

For the past 15 years, The Field Museum and World Wildlife Fund (WWF) Madagascar have been joint collaborators in a training program that provided field and classroom training in the biological sciences for Malagasy graduate students through a program of field research in Madagascar, seminars and courses at the Université d'Antananarivo, and collection work at the Museum. Since its inception in 1993, the effort

has resulted in over 80 Malagasy students earning higher degrees within the national university system in the fields of zoology and conservation biology. In addition, more than 350 Malagasy students have taken part in field trips and field schools, and the program has yielded more than 500 scientific publications. Considerable effort has also been devoted to building the collections at the Université d'Antananarivo museum. Many graduates of the ETP program have obtained important posts in the non-government and government sectors on Madagascar and are rapidly advancing conservation programs on the island. Based on these successes, in October 2007 the ETP was turned over to an International Malagasy Association known as "Vahatra" ("grass roots" in Malagasy), made up of ETP graduates. Through funds obtained from private donors in Chicago, largely associated with The Field Museum, Vahatra has been able to buy a building in close proximity to the Université d'Antananarivo. With current funding from several different foundations, including the John D. and Catherine T. MacArthur Foundation and the Volkswagen Foundation, Vahatra will continue the previous activities of the ETP, as well as a number of new activities including starting a scientific journal and investigating the impacts of climatic change on vertebrates living in montane portions of the island.

NSF PEET projects

The PEET program (Partnerships for the Enhancement of Expertise in Taxonomy), the National Science Foundation's response to ever-shrinking expertise in "whole organism" biology, makes major grants to support intensive studies of "under-studied" organisms, with training a major component of each project. Projects provide comprehensive training in collections-based, monographic studies for postdoctoral associates, graduate students, and undergraduate interns. The Field Museum had four PEET grants underway in 2007:

- Margaret Thayer (Zoology): "Monography, Phylogeny, and Historical Biogeography of Austral Staphylinidae (Coleoptera)."
- Sabine Huhndorf (Botany): "Monographs of Two Key Genera and Family-Level Phylogeny (Fungi, Ascomycetes, Sordariales)." (This is the second PEET grant held by this investigator.)
- Rüdiger Bieler (Zoology): "Bivalves: Research, Training, Electronic Dissemination of Data."
- Petra Sierwald (Zoology): "The Diplopoda: Research, Taxonomic Training and Computerization."

Training Programs in Latin American Lichenology and Mycology

Despite being key indicators of environmental health, and sources for pharmaceutically active compounds, lichens are still a poorly-known group—scientists have documented only an estimated 10% of actual Latin American lichen diversity—which makes training young scientists in lichen taxonomy a critical effort. Collections Manager and Adjunct Curator Robert Lücking (Botany) continued his ongoing training program for Latin American Lichenology and Mycology students and professionals in 2007 with additional funding through the Organization for Tropical Studies (OTS) and a new NSF program. In August 2007 he taught another installment of his annual course on multivariate analysis of ecological data in Lima, Peru (Universidad Peruana Cayetano Heredia), and in late September, with Ph.D. student Eimy Rivas Plata (UIC/The Field Museum), taught the first OTS Specialty Course in tropical lichenology at Las Cruces Biological Station in Costa Rica. The course combined advanced techniques of data analysis with field projects in tropical lichen ecology, and hosted seven students from six countries (Cuba, Costa Rica, Panama, Venezuela, Austria, and Poland). In November, Robert and Eimy instructed three further workshops in Brazil, Bolivia, and Peru, as part of a new NSF project entitled "Neotropical Epiphytic Microlichens," which will support 24 lichen workshops in 12 Latin American countries over the next four years. Week-long workshops with 15 or more participants each were held at the Botanical Institute of São Paulo, Brazil, at the National Major University of San Andrés, La Paz, Bolivia, and at the University of Cayetano Heredia, Lima, Peru. Topics included an introduction to tropical lichenology, capacitation in the taxonomy of tropical lichens and quantitative field sampling methods, and training in multivariate analysis of community data.

Mammalian Biodiversity in the Philippines

For more than 25 years Curator Larry Heaney (Zoology/Mammals) has been training Filipino scientists on the documentation and conservation of vertebrate biodiversity in the Philippines—home to one of the highest concentrations of unique biodiversity on earth, and one of the most severely threatened. With funding from the Museum, the National Science Foundation, and the MacArthur Foundation, Heaney has trained more than 70 young Filipino university biologists, park managers, and government officials. In 2007 Larry instructed one graduate student from the University of the Philippines–Baguio for one week, and one young faculty member from UP–Los Banos for one month, on methods of mammalian surveys, field identification, and biodiversity conservation on Mt. Amuyao, in the high Central Cordillera of Luzon Island. The UPLB faculty member then came to the Field Museum for six weeks of more advanced training on collection-based biodiversity science and research collection management during September and October. As another component of the program, Larry also taught a four-day intensive course on Philippine biogeography at the University of the Philippines main campus (Diliman) in late October. 81 people attended the all-day sessions, which dealt with geographic patterns of biodiversity, Philippine geological history, evolution of the fauna, current climate and the impact of climate change, and conservation biogeography. Participants came from over 40 institutions, mostly colleges, universities, and conservation NGOs, but also including such government agencies as the National Power Corporation and the Department of Finance.

Training in Molecular Analysis Techniques

The Pritzker Laboratory for Molecular Systematics and Evolution is a multi-user Field Museum facility dedicated to the collection and analysis of genetic data on the evolutionary relationships among species. Lab Manager Kevin Feldheim conducts training for new users in all phases of the data collection process, from DNA extraction to sequencing to analysis of the resulting data. During 2007, Kevin trained 24 new users, ranging from high school interns to graduate students from the University of Chicago, the University of Illinois at Chicago, and Northwestern University, as well as resident postdoctoral scientists and visiting scientists from Portugal, England, Thailand, India, and Spain. The users collected genetic data on a wide variety of organisms, including Malagasy birds, lemon sharks, ectomycorrhizal fungi, African trees, native and invasive bittersweet, Nassau grouper, and lichens.

INTERNS, 2007

HIGH SCHOOL INTERNS

Department of Geology

Joey Brown, Highland Park High School.

Department of Zoology

Michael Bindokas, Oak Park-River Forest High School; Kandice L. Black, Robeson High School; Jennifer Bollas, Mather High School; Tracey Eckland, Libertyville High School; Demonica Jones, Simeon Career Academy; William Montag, University of Chicago Lab School; Cassie Pontone, Oak Park-River Forest High School; Araceli Villalobos, Chicago High School for Agricultural Sciences.

UNDERGRADUATE STUDENT INTERNS

Department of Anthropology

Meira Chefitz, Northeastern Illinois University; Tara Cobb, North Central College; Elizabeth Freechack, Northwestern University; Kyle Fry, Indiana University at Bloomington; Katherine Good, Loyola University; Chris Grant, University of Chicago; Catherine Hardin, Loyola University; Clea Haugo, Algonquin College, Ottawa; Jessica Henderson, University of Chicago; Eva Kurtz-Nelson, Brown University; Brittany Mann, North Central College; Jim Meierhoff, University of Illinois at Chicago; Matthew Parker, University of Edinburgh; Mary Parrish, University of Chicago; Sarah Pickman, University of Chicago; Nina Pitrello, University of Illinois at Chicago; Gwennie Poor, Connecticut College; Melissa Safirstein, Indiana University; Elizabeth Schaeffer, University of Chicago; Helena Shaskevich, Loyola University; Michelle Slesman, Wheaton College; Kyle Strickland, University of Notre Dame; Joshua Torres, University of Florida, Gainesville; Marina van der Lecq, Netherlands Institute for Collections, Amsterdam; Colleen Walsh, University of Notre Dame; Elizabeth Wing, Harvard University.

Department of Botany

Allie Barner, University of Chicago; Rebecca Clasen, Loyola University; Wyatt Gaswick, University of Chicago; Elizabeth Ikejimba, Illinois Mathematics and Science Academy; Cristine Lee, University of Chicago; Ciera Martinez, Northeastern Illinois University; Raphael Porto, Loyola University; Zhao Tang, University of Chicago; Caitlin Wylie, University of Chicago.

Department of Geology

Aubrey Bailey, Rochester Institute of Technology.

Department of Zoology

Yohsuke Amano, Sakaerat Field Station; Deren Bagsby, Hanover College; Michael Barber, Northern Illinois University; Alexis Blewett, University of Chicago; Alta Buden, University of Chicago; Chelsea Bueter, Lake Forest College; Sara H. Burch, University of Chicago; Gabriella Chiono, Loyola University; Walter Clifford, Northeastern Illinois University; Shiva Daram, Northwestern University; Sylvia Deskaj, Northeastern Illinois University; Dana Eckland, Montana State University; Taro Ken Eldredge, Cornell University; Barbara Gillies, Northeastern Illinois University; Steve Hanson, University of Wisconsin, Madison; Adrian Harris, Purdue University; Grace Krause, University of Chicago; Madelinne Krenn, Truman College; Tess Landon, Bard College; José-Cristian Martínez, University of Illinois at Chicago; Yvonne Matos, Earlham College; Brittany McClain, East-West University; Claire McPartlin, University of Chicago; Juan Miranda, Northeastern Illinois University; Shab Mohammadi, National Museum of Natural History; Embelli Mudoh, East-West University; Andria Niedzielski, Art Institute; Paul Orlando, University of Illinois at Chicago; Swati Patel, Northwestern University; Jason Patinkin, Columbia University; Michael L. Santema, Trinity Christian College; Margaret Siple, University of Chicago; Irene Swanenberg, Northwestern University; Tracy Tamashiro, Hanover College; Ashley Trotter, University of Chicago; Lana Vazquez, Northeastern Illinois University; Melondie Vernon, Northeastern Illinois University; Michael Zubik, Dominican University.

GRADUATE STUDENT INTERNS

Department of Anthropology

Jason Laffoon, University of Illinois at Chicago; Caleb Kestle, University of Illinois at Chicago; Jim Meierhoff, University of Illinois at Chicago; Jen Starbird, University of Illinois at Chicago.

RESIDENT GRADUATE STUDENTS, 2007

DEPARTMENT OF ANTHROPOLOGY

Northwestern University
Robin Coleman

University of Chicago
Edna Davion

University of Illinois at Chicago
Sofia Chacaltana, Kaelyn Dillard, Mark Golitko,
Jason Laffoon, Lisa Niziolek, Rahul Oka, William
Pestle, Nicola Sharratt

DEPARTMENT OF BOTANY

University of Illinois at Chicago
George Mugambi, Eimy Rivas-Plata, Lymari Ruiz-
Sanchez, Mariana Valencia,
Jacqueline Van De Veire

University of Chicago
Sara Branco, Michael Fitzsimons, Kelly Gravier,
Matthew Kierle

DEPARTMENT OF GEOLOGY

Northwestern University
Richard Barclay

University of Chicago
John Finarelli, Christian Kammerer, Brandon
Kilbourne, Rudyard Sadleir, Nate Smith

DEPARTMENT OF ZOOLOGY

Boston University
Heather Shull

Chulalongkorn University, Thailand
Anchalee Aowphol, Ratchata Phochayavanich,
Chattapat Pongchareon

Loyola University
Janelle Morano

Northwestern University
Steve Hanson

University of California, San Diego
Jennifer Sheridan

University of Chicago
Nicholas Block, Andy Dosman, Matt Friedman,
Nicholas Johnson, Christian Kammerer, Lucinda
Lawson, Aaron Rice, Melissah Rowe, Rebecca
Rundell, Rebecca Terry, Dean Thorsen, Sarah
Weyandt

University of Illinois at Chicago
Mohammed Abu Baker, Isabel Caballero, David J.
Clarke, Jennifer Fessler, Malu Jorge, Michael
Jorgensen, Isabella Kappner, Carrie Seltzer, Paul
Velazco, John Wilk

University of Massachusetts
Sarah Huber

VOLUNTEERS, 2007

DEPARTMENT OF ANTHROPOLOGY

Jenna Beletic, Janice Bell, C. Thomas Brockmann, Kristin Buskirk, Anjaneen Campbell, Lacey Carpenter, Meira Chefitz, Magdalynne Christakis, Emma Clark, Robin Coleman, Connie Crane, Gabriele Da Silva, Victoria Drake, Meredith Durkin, Michael Ferraro, Taryn Fisher, Taso Frangou, Linna Gao, Peter Gayford, William Goldman, Michael Gordon, Elizabeth Haake, Francis Heller, Belen Jaquez, Brandon Keehner, Devon Krizan, Patricia Kushiner, Hilary Leathem, Leonore Levit, Renee Logan, Diane Luhmann, Jack MacDonald, Eva Mannaberg, Dorren Martin-Ross, Sabina Matachowska, Robert McFarland, Josephine Meleico, Velia Peterson, Jennifer Phelps, Sarah Pickman, Mary Prindiville, Kathleen Ratteree, Rosalind Roser, Maura Ross, Christine Salvator, Anastasia Schaefer, Esther Schechter, Barbara Schwartz, Steven Schwartzman, Becky Seifried, Monica Sentoff, Stephen Sentoff, Twisha Shah, John Shea, Jie Shi, Tamara Siuda, Beth Spencer, Felice Sperone, Lisa Stringer, Kristen Swalchick, Ika Tomaschewsky, Hsi-tsin Tsiang, Mary Vermillion, Jean Vondriska, Jeremy Walker, William Whitehead, Edward Yastrow.

DEPARTMENT OF BOTANY

Wendy Biggs (vPlants), Jordan Bouvier (Mycology), Rebecca Clasen (Vascular Plants), Karen Engel (Bryology), Garen Gaston (Lichenology), Anders Hagborg (Bryology), Richard Hyerczyk (Lichenology), Nancy Klud (Scientific Illustration/Vascular Plants), Alice Piller (Mycology), Genea Pitts (Bryology), Raphael Porto (Mycology), Richard Sabel (Mycology), Leon Shernoff (Mycology), Raphael Stern (Lichenology).

DEPARTMENT OF GEOLOGY

Irene Broede (Vertebrate Paleontology), Jeffrey L. Chin (Invertebrate Paleontology), Mary Sue Coates (Physical Geology), Larry Coronelli (Paleobotany), Cary Easterday (Invertebrate Paleontology), Mike Eklund (Vertebrate Paleontology), Erin Fitzgerald (Vertebrate Paleontology), Stephen Gieser (Vertebrate Paleontology), Irene Ginakakis (Vertebrate Paleontology), Tom Kerstann (Vertebrate Paleontology), Dennis Kinzig (Vertebrate Paleontology), Joanne Kluga (Vertebrate Paleontology), Pamela Knight (Vertebrate Paleontology), Carolyn Levitt (Vertebrate Paleontology), Robert A. Masek (Paleobotany), Kendra Massey (Vertebrate Paleontology), John McConnell (Invertebrate Paleontology and Paleobotany), Elisabeth Meeker (Vertebrate Paleontology), Eileen Mizerk (Paleobotany), Mark Moleski (Vertebrate Paleontology), Brian Morrill (Vertebrate Paleontology), Karen Nordquist (Vertebrate Paleontology), Catherine Pries (Invertebrate Paleontology), Gregg Robinson (Invertebrate Paleontology and Paleobotany), Paul Schaffenberger (Vertebrate Paleontology), Amy Singer (Vertebrate Paleontology), Hedy Turnbull (Vertebrate Paleontology), Warren Valsa (Vertebrate Paleontology), Karen Vendl (Physical Geology), Mark Vendl (Physical Geology), Jack Wittry (Paleobotany and Invertebrate Paleontology), George Wolnak (Vertebrate Paleontology), Steven Zitowsky (Vertebrate Paleontology).

DEPARTMENT OF ZOOLOGY

Priscila Andrade (Insects), Robert Andrini (Birds), Paul Baker (Birds), Nancy Bigelow (Insects), Richard Bloomfield (Insects), Jennifer Bollas (Mammals), Helen C. Bonbrest (Invertebrates), Joan Bruchman (Birds), Renee Buecker (Insects), Peter Buol (Birds), Drew Carhart (Insects), Cesar Cartagena (Insects), Rebecca Conant (Mammals), Alex Cruz (Mammals), Kim A. Davies (Invertebrates), Sylvia Deskaj (Mammals), Marion Dunn (Fishes), Stanley Dvorak (Invertebrates), Alison Ebert (Mammals), Ralph Eiseman (Birds), Glenn Gabanski (Birds), Celesia Gastone (Mammals), Dr. Arlene Ghiron (Insects), Harvey Golden (Mammals), Joan Goldstein (Fishes), Richard Guzik (Invertebrates), Kiyoko Hamilton (Mammals), Ian Hayse (Mammals), Jeff Hoswell (Fishes), Herbert Hymen (Birds), Amy Johannes (Mammals), Chris Jones (Fishes), Edwin Kapus (Invertebrates), Dr. James P. Kase (Insects), Melissa Kelly (Mammals), Judith Knittle (Mammals), Karen Koy (Invertebrates), Hank Krishman (Insects), Juna Kurihara (Birds), Henry Lanphier (Mammals), Karrie Lindee (Mammals), Teresa Mayfield (Amphibians and Reptiles), Sean McBride (Birds and Mammals), Megan Mikane (Amphibians and Reptiles), Susan Mochel (Fishes), Jessica Moreno (Mammals), Jennifer Mui (Amphibians and Reptiles), Susan Okey

(Insects), Roger Reason (Amphibians and Reptiles), Sheila Reynolds (Mammals), Kelly Schoenfelt (Insects), Robert Scholtes (Insects), Elizabeth Simmons (Insects), Reginald Simon (Insects), Terri Sinnott (Fishes), Dave Strecker (Insects), Diana Sudyka (Birds), Rachel Sula (Insects), Nick Travanty (Insects), Jessica Valero Padilla (Amphibians and Reptiles), Sandra Van Tilburg (Birds), Christine Vittoe (Invertebrates), David Walker (Invertebrates), Alexandria Whitney (Insects), Denis Yermak (Insects), Nataliya Yermak (Insects), Kurt Zahnle (Insects), Joseph Zich (Invertebrates).

HONORARY APPOINTMENTS, 2007

DEPARTMENT OF ANTHROPOLOGY

Curator Emeritus

Phillip Lewis, Ph.D., Primitive Art, Melanesian Ethnology

Adjunct Curators

William Barnett, Ph.D., Old World Prehistory

Brian Bauer, Ph.D., Andean Archaeology

Deborah Bekken, Ph.D., East Asian Archaeology and Zooarchaeology

James A. Brown, Ph.D., North American Archaeology

Elizabeth Brumfiel, Ph.D., Mesoamerican Archaeology

Andrew L. Cousins, Ph.D., Palestinian and Medical Anthropology

Winifred Creamer, Ph.D., Mesoamerican and Southwest Archaeology

Scott Demel, Ph.D., North American and Historical Archaeology

Timothy Earle, Ph.D., Archaeology of Complex Societies

Robert L. Hall, Ph.D., Plains and Midwestern Archaeology and Ethnography

Chuimei Ho, Ph.D., East and Southeast Asian Art and Archaeology

Paul Hockings, Ph.D., Southern Asia Social Anthropology

Katherine Hoffman, Ph.D., Linguistic and Sociocultural Anthropology

Laura Junker, Ph.D., Complex Societies, Maritime Trade, and Ceramic Production

Lawrence H. Keeley, Ph.D., Europe and North American Paleolithic Archaeology

Waud Kracke, Ph.D., Social Anthropology, Psychoanalysis, Dreams

Sibel Barut Kusimba, Ph.D., African Archaeology

Christopher W. Kuzawa, Ph.D., Health, Human Growth and Development

William Leonard, Ph.D., Biological Anthropology

Mark Lietchty, Ph.D., Anthropology and History

Thomas McDade, Ph.D., Human Biology

John Monaghan, Ph.D., Anthropology and History, Religion

Donna Nash, Ph.D., Andean Archaeology

Linda Nicholas, M.A., Mesoamerican Archaeology

Joel Palka, Ph.D., Mesoamerican Archaeology

James L. Phillips, Ph.D., Old World Prehistory, Stone Tools

Jack H. Prost, Ph.D., Physical Anthropology and Primate Behavior

David Reese, Ph.D., Archaeozoology

Cynthia Robin, Ph.D., Archaeology, Social Organization

Helen B. Schwartzman, Ph.D., Psychological Anthropology

Sylvia Vatuk, Ph.D., Cultural, Gender, and Urban Anthropology, India

Mary J. Weismantel, Ph.D., Cultural Anthropology, Food, Adoption

Robert L. Welsch, Ph.D., Oceania

Cameron B. Wesson, Ph.D., Household Archaeology, Southeastern United States

Sloan Williams, Ph.D., South American Bioarchaeology

Research Associates

Kathleen Adams, Ph.D., Sociology

Janice Alcorn, Ph.D., Ecology

Dean E. Arnold, Ph.D., Mesoamerican and South American Archaeology and Ethnology

Philip J. Arnold, III, Ph.D., Mesoamerican Archaeology, Craft Production and Ethnoarchaeology

Elizabeth Babcock, Ph.D., Cultural Anthropology

Robert C. Bailey, Ph.D., Biological Anthropology, Africa

Jane Eva Baxter, Ph.D., Historical Archaeology

Richard Blanton, Ph.D., Mesoamerican Archaeology

Deborah Blom, Ph.D., Andean Bioarchaeology

Joshua Borstein, Ph.D., Mesoamerican Archaeology

Robert J. Braidwood, Ph.D., Middle Eastern Archaeology
Jane E. Buikstra, Ph.D., Skeletal Biology, Paleopathology, Paleodemography, Forensic Anthropology
Raymond G. Codrington, Ph.D., Urban Cultural Anthropology
William J. Conklin, Ph.D., Peruvian Anthropology
Nicole Couture, Ph.D., Latin America
Phillip J. C. Dark, Ph.D., African Ethnology
Shannon Dawdy, Ph.D., American South and Caribbean, Creole Cultures
Robert Feldman, Ph.D., Andean Archaeology
Kathleen Forgey, Ph. D., Andean Archaeology
David Goldstein Ph. D., South American Anthropology
Anne. L. Grauer, Ph.D., Physical Anthropology, Skeletal Biology, North America
Mark Hauser, Ph. D., Historical Archaeology and Archaeology of African Diasporas
Augustin Ferdinand Charles Holl, Ph.D., West African Prehistory, African-American Archaeology
F. Clark Howell, Ph.D., Old World Prehistory
John Janusek, Ph.D., Andean Archaeology
Carolyn Schiller Johnson, Ph.D., Ethnomusicology
Janet H. Johnson, Ph.D., Near Eastern Archaeology
James Ketelaar, Ph.D., East Asian History
Purity W. Kiura, Ph. D., African Archaeology
Alan L. Kolata, Ph.D., Andean Archaeology and Ethnohistory
Lyle Konigsberg, Ph.D., Physical Anthropology
David Kuehn, Ph.D., Geoarchaeology
Elizabeth Ann Lillehoj, Ph.D., Japan, Material Culture
Laura Litten, Ph.D., Visual Anthropology
Maria C. Lozada, Ph.D., Peruvian Archaeology
Edward F. Maher, Ph. D., Ancient Eastern Mediterranean, Zooarchaeology
Maxine E. McBrinn, Ph. D., Southwestern Archaeology
Donald E. McVicker, Ph.D., Mesoamerican Archaeology
Michael E. Moseley, Ph.D., South American Archaeology
Katherine Nelson, Ph.D., American Southwest Archaeology
Nancy Parezo, Ph.D., American Indian Studies
Nadine Ruth Peacock, Ph.D., Biological Anthropology, Africa
Chantal Radimilahy, Ph. D., Gender and Environmental Archaeology, Madagascar
Esther Schechter, Ph.D., Kinship
Fred H. Smith, Ph.D., Physical Anthropology
Costas Spirou, Ph.D., Urban Anthropology and Sociology
John Edward Staller, Ph.D., Ethnoarchaeology, West Lowland South America
Gil J. Stein, Ph.D., Near Eastern Archaeology
Ann L.W. Stodder, Ph.D., Bioarchaeology, Oceania
Edward Swensen, Ph.D., Arts in Anthropology
Hans Thomsen, Ph.D., East Asian Art and Archaeology
Nikolaas Johannes Van der Merwe, Ph.D., African Archaeology and Metallurgy
Kevin Vaughn, Ph. D., Andean Anthropology
Ronald Weber, Ph.D., Amazon Basin and Northwest Coast Archaeology and Ethnology
Donald Whitcomb, Ph.D., Egyptian Prehistory

Associates

Connie Crane, A.B., North American Ethnology
Peter Gayford, B.A., African Archaeology and Ethnology
Jack M. MacDonald, M.S., Oceania
Carolyn Moore, B.A., Asian Material Culture
Claire Odland, M.A., African and South American Textiles
Lisa Stringer, M.A., Archaeology
Edward Yastrow, B.A., Human Origins

DEPARTMENT OF BOTANY

Curator Emeritus

William Burger, Ph.D., Vascular Plants

Adjunct Curators

William A. Alverson, Ph.D., Vascular Plants

Eve Emshwiller, Ph.D., Ethnobotany

Robin B. Foster, Ph.D., Vascular Plants

Patrick Leacock, Ph.D., Mycology

Robert Lücking, Ph.D., Lichenology

Gary L. Smith Merrill, Ph.D., Bryology

Visiting Assistant Curator

Fred R. Barrie, Ph.D., Vascular Plants

Research Associates

Peter G. Avis, Ph.D., Mycology

John E. Braggins, Ph.D., Bryophytes

Julieta Carranza, Ph.D., Mycology

Ana Crespo, Ph.D., Lichenology

Fernando A. Fernandez, Ph.D., Mycology

Jesús Garcia J., Biol., Mycology

Nancy Garwood, Ph.D., Vascular Plants

Sidney F. Glassman, Ph.D., Vascular Plants

David S. Glenny, Ph.D., Bryology

Luis D. Gómez, Ph.D., Mycology

Alfredo Gomez-Beloz, Ph.D., Vascular Plants

Jorgé Gómez Laurito, B.S., Vascular Plants

James G. Graham, Ph.D., Vascular Plants

Nancy Hensold, Ph.D., Vascular Plants

Patrick Herendeen, Ph.D., Vascular Plants

Andrew Hipp, Ph.D., Vascular Plants

Sara Hoot, Ph.D., Vascular Plants

Michael Huft, Ph.D., Vascular Plants

Boris Igic, Ph.D., Vascular Plants

Wei Jiang-Chun, Ph.D., Mycology

Marian R. Kadushin, Ph.D., Vascular Plants

Kuswata Kartawinata, Ph.D., Vascular Plants

Thomas G. Lammers, Ph.D., Vascular Plants

Segundo Leiva González, Ph.D., Vascular Plants

David Lentz, Ph.D., Vascular Plants

Blanca Leon, Ph.D., Pteridology

David P. Lewis, M.S., Mycology

Richard A. Lupia, Ph.D., Paleobotany

John F. Lussenhop, Ph.D., Mycology

James Luteyn, Ph.D., Vascular Plants

François M. Lutzoni, Ph.D., Lichenology

Maria de Milagro Mata Hidalgo, Mycology

Susana A. Magallón-Puebla, Ph.D., Paleobotany

Rogers McVaugh, Ph.D., Vascular Plants

Andrew Miller, Ph.D., Mycology

John (Jack) Murphy, Ph.D., Mycology

Michael Nee, Ph.D., Vascular Plants

Cirilo Nelson, Ph.D., Vascular Plants

Lorin I. Nevling, Jr., Ph.D., Vascular Plants

Patricio P. Ponce de Leon, Ph.D., Mycology
Kathleen Pryer, Ph.D., Pteridology
Victor Quipuscoa Silvestre, Ph.D., Vascular Plants
James Rastorfer, Ph.D., Bryology
Jacinto C. Regalado, Jr., Ph.D., Vascular Plants
Abundio Sagastegui, Ph.D., Vascular Plants
Isidoro Sanchez Vega, Ph.D., Vascular Plants
Imke Schmitt, Ph.D., Lichenology
Rudolf M. Schuster, Ph.D., Bryology
Alan R. Smith, Ph.D., Pteridology
D. Doel Soejarto, Ph.D., Vascular Plants
Tod F. Stuessy, Ph.D., Vascular Plants
Jun Wen, Ph.D., Vascular Plants
Qiuxin Wu, Ph.D., Mycology
Kenneth Young, Ph.D., Vascular Plants
Nyree Zerega, Ph.D., Vascular Plants

Field Associates

Sandra Knapp, Ph.D., Vascular Plants
Antonio Molina R., Ing. Agr., Vascular Plants

Associates

Betty Strack, M.S., Mycology

DEPARTMENT OF GEOLOGY

Curators Emeritus

Matthew H. Nitecki, Ph.D., Fossil Invertebrates
William D. Turnbull, Ph.D., Fossil Mammals
Bertram G. Woodland, Ph.D., Petrology

Research Associates

William L. Abler, Ph.D., Fossil Vertebrates
Edgar Allin, Ph.D., Fossil Vertebrates
David Bardack, Ph.D., Fossil Fishes
William Bemis, Ph.D., Fossil Vertebrates
C. Kevin Boyce, Ph.D., Paleobotany
Chris Brochu, Ph.D., Fossil Vertebrates
Greg Buckley, Ph.D., Fossil Vertebrates
Andrew Campbell, Ph.D., Meteoritics
Matthew T. Carrano, Ph.D., Fossil Vertebrates
Robert Clayton, Ph.D., Meteoritics/Geochemistry
Michael Coates, Ph.D., Fossil Fishes
Peter R. Crane, Ph.D., Paleobotany
Darin Croft, Ph.D., Fossil Vertebrates
Andrew Davis, Ph.D., Meteoritics/Geochemistry
David Kenneth Elliott, Ph.D., Fossil Vertebrates
Greg Erickson, Ph.D., Fossil Vertebrates
Daniel Fisher, Ph.D., Fossil Invertebrates
John Flynn, Ph.D., Fossil Vertebrates
Michael Foote, Ph.D., Fossil Invertebrates
Catherine Forster, Ph.D., Fossil Vertebrates
Gary Galbreath, Ph.D., Fossil Vertebrates
Timothy Gaudin, Ph.D., Fossil Mammals
Terry Grande, Ph.D., Fossil Fishes

Lawrence Grossman, Ph.D., Meteoritics
Thomas Guensburg, Ph.D., Fossil Invertebrates
William Hammer, Ph.D., Fossil Reptiles
Eric Hilton, Ph.D., Fishes
James Hopson, Ph.D., Fossil Vertebrates
David Jablonski, Ph.D., Fossil Invertebrates
Christine Janis, Ph.D., Fossil Mammals/Vertebrates
Harry J. Jerison, Ph.D., Fossil Vertebrates
Lenny Kouwenberg, Ph.D., Paleoecology
David Krause, Ph.D., Fossil Vertebrates
Michael LaBarbera, Ph.D., Fossil Invertebrates
Ricardo Levi-Setti, Ph.D., Fossil Invertebrates
R. Eric Lombard, Ph.D., Fossil Vertebrates
Ernest Lundelius, Ph.D., Fossil Mammals
Jennifer C. McElwain, Ph.D., Paleobotany
Frank McKinney, Ph.D., Fossil Invertebrates
J. Michael Parrish, Ph.D., Fossil Reptiles
Roy E. Plotnick, Ph.D., Fossil Invertebrates
Robert R. Reisz, Ph.D., Fossil Reptiles
Frank M. Richter, Ph.D., Meteoritics
Ray Rogers, Ph.D., Sedimentology
Paul Sereno, Ph.D., Fossil Reptiles
Neil H. Shubin, Ph.D., Fossil Vertebrates
Paul P. Sipiera, Ph.D., Meteoritics
Neil C. Sturchio, Ph.D., Meteoritics
Stuart S. Sumida, Ph.D., Fossil Vertebrates
Alfred Traverse, Ph.D., Fossil Plants/Paleopalynology
Leigh Van Valen, Ph.D., Fossil Mammals
Meenakshi Wadhwa, Ph.D., Meteoritics
Mark Webster, Ph.D., Fossil Invertebrates
André Wyss, Ph.D., Fossil Mammals

Associates

Nicolas Dauphas, Ph.D., Cosmochemistry
Doris Nitecki, M.A., Fossil Invertebrates

DEPARTMENT OF ZOOLOGY

Curator Emeritus

Robert F. Inger, Ph.D., Amphibians and Reptiles

Field Associates

Tom Anton, M.A., Midwestern Amphibians and Reptiles
Sherif Baha El Din, M.S., Herpetology of Egypt
Barbara Becker, M.A., Zoology Research
Somchai Bussarawit, B.S., Biology
Tanya Chan-ard, M.S., Forest Biology
Merel J. Cox, M.S., Geology, Snakes of Thailand
Leif Davenport, Mammals of Burundi
Susan Davis, M.S., Neotropical Birds
Steve Fratello, Guyanan Butterflies
Bruce Hayward, Ph.D., African Mammals
Nina R. Ingle, Ph.D., Philippine Mammals and Conservation
Djoko T. Iskandar, Ph.D., Genetic and Systematics of Amphibians
Maklarin Lakim, Research Officer

Vachira Lheknim, Ph.D., Fish of Thailand
Kelvin Lim Kok Peng, Amphibians and Reptiles
Antonio Machado-Allison, Ph.D., South American Fishes
David Matusik, Lepidoptera Taxonomy
Gregory Mayer, Ph.D., Organismic and Evolutionary Biology
Manuel A. Plenge, Peruvian Bird Distribution
Walter R. Suter, Ph.D., Systematics of Scydmaenidae (Coleoptera)
Blas Tabaranza, M.S., Philippine Mammals
Jamie Thomerson, Ph.D., Central and South American Fishes
Ruth Utzurrum, Ph.D., Philippine Mammals

Research Associates

David Angulo, M.S., Computer Technology and Databases
Michael Alfaro, Ph.D., Molecular Systematics
Mary Ashley, Ph.D., Conservation Genetics
Wirt Atmar, Ph.D., Diversity and Community Structure
Danny Balete, M.S., Philippine Mammals and Conservation
Rosemary Barraclough, Ph.D., Blood Bird Parasites
Jason E. Bond, Ph.D., Systematics of Diplopoda and Araneae
Rauri Bowie, Ph.D., African Bird Systematics
John Cadle, Ph.D., Herpetology
Angelo Capparella, Ph.D., Evolution of Neotropical Birds
Dale Clayton, Ph.D., Host/Parasite Coevolution
Barry Chernoff, Ph.D., South American Fishes/Conservation
Melissa Cogan-Morales, Ph.D., Bat Morphology
Timothy Collins, Ph.D., Molecular Evolution of Mollusks
Joel Cracraft, Ph.D., Avian Systematics and Evolutionary Biology
Kevin S. Cummings, Ph.D., Freshwater Bivalves
Marian Dagosto, Ph.D., Primates
Michael L. Draney, Ph.D., Systematics of Linyphiidae (Araneae)
Amy Driskell, Ph.D., Evolution of Birds and Bioinformatics
Brian Dyer, Ph.D., Biomechanics
John Fitzpatrick, Ph.D., Evolutionary Ecology and Biogeography of Neotropical Birds
Daniel Gebo, Ph.D., Primates
Jaqueline Goerck, Ph.D., Conservation in Brazil
Paul Z. Goldstein, Ph.D., Systematics of Lepidoptera
Joel Greenberg, Ph.D., Chicago Natural History
Melina Hale, Ph.D., Biomechanics
Malcolm Hast, Ph.D., Mammalian Vocal Apparatus
John M. Healy, Ph.D., Marine Mollusks
Jacques Hill, Ph.D., Southeast Asian Herpetology
Rainer Hutterer, Ph.D., Mammalian Insectivores
Bruce C. Jayne, Ph.D., Marine and Estuarine Snakes
William B. Jefferies, Ph.D., Coevolution and Symbiosis in Crustaceans
Ulf Johanson, Ph.D., Himalayan Bird Ecology
Kevin Johnson, Ph.D., Systematics and Evolution of Birds
Christian Kammerer, B.S., Deep Sea Fishes
Daryl Karns, Ph.D., Herpetology and Community Ecology
Douglas Kelt, Ph.D., South American Mammals
David H. Kistner, Ph.D., Systematics of Staphylinidae Associated with Ants and Termites
James Koepl, Ph.D., Statistical Properties of Animal Populations
Peter E. Lowther, Ph.D., Field Museum Nest and Egg Collection
Jessie Maisano, Ph.D., Skeletal Morphology of Squamates
Luisa Marcelino-Backman, Ph.D., Corals
Jose Maria Cardoso da Silva, Ph.D., Brazilian Birds
Christopher J. Marshall, Ph.D., Systematics of Coleoptera

Peter Meserve, Ph.D., Population Ecology of Mammals
Paula M. Mikkelsen, Ph.D., Marine Mollusks
John C. Murphy, M.S., Herpetology
Charles Nadler, M.D., Sciuridae
John O'Neill, Ph.D., Neotropical Birds
Link Olson, Ph.D., Malagasy Mammals
Perry Ong, Philippine Mammals
Victor Pacheco, M.A., Peruvian Mammals
Somsak Panha, Ph.D., Land Gastropods of Southeast Asia
Ronald Panzer, Ph.D., Invertebrate Conservation
Stewart B. Peck, Ph.D., Systematics of Coleoptera
Richard E. Petit, Marine Gastropods
Paulo Petry, Ph.D., South American Fishes
Ronald Pine, Ph.D., Taxonomy of South American Mammals
James Pokines, Ph.D., Taphonomy-Archeology of Mammal Bones
Stephen Pruett-Jones, Ph.D., Behavior and Ecology of Birds
George B. Rabb, Ph.D., Taxonomy of Salamanders, Phylogeny of Snakes
Timothy Rawlings, Ph.D., Marine Mollusks
Justine Ray, Ph.D., Central African Mammals
Matthew Ravosa, Ph.D., Primates
Scott Robinson, Ph.D., Neotropical Birds
Luis Ruedas, Ph.D., Southeast Asian Mammals
Victor Sanchez-Cordero, Ph.D., Mexican Mammals
Eric J. Sargis, Ph.D., Southeast Asian Tree Shrews and Tanzanian Monkeys
Nikolaos Schizas, Ph.D., Population Genetics
Thomas Schulenberg, Ph.D., Neotropical Birds
Jodi Sedlock, Ph.D., Bat Ecology
Sergio Solari, M.S., Mammals of Peru
Scott J. Steppan, Ph.D., Mammals of the Philippines
Bill Strausberger, Ph.D., Cowbirds
Bryan L. Stuart, Ph.D., Herpetology
Robert Stuebing, M.S., Malaysian Ecology
J. Bolling Sullivan III, Ph.D., Systematics of Lepidoptera
Tan Fui Lian, Amphibians and Reptiles of Borneo
Kumthorn Thirakhupt, Ph.D., Southeast Asian Herpetology
Vinton Thompson, Ph.D., Systematics of Hemiptera
Robert Timm, Ph.D., New World Mammals
Gary Voelker, Ph.D., Bird Systematics
Bruce Walsh, Ph.D., Systematics of Lepidoptera
Joseph Walsh, Ph.D., Mammalian Systematics
Fred F. Wells, Ph.D., Marine Mollusks
John Wible, Ph.D., Higher Level Taxonomy of Mammals
Glen Woolfenden, Ph.D., Florida Scrub Jay
Chris Yahnke, Ph.D., Neotropical Mammals
Anne Yoder, Ph.D., Primate Evolution
John Yunker, Ph.D., Mammals of the Chicago Area

Associates

Matt Bonnan, Ph.D., Vertebrate Paleontology
Barbara Brown, B.A., Primates
Thomas M. Butynski, Ph.D., African Primates
Sidney Camras, M.D., Systematics of Conopidae (Diptera)
Arvin C. Diesmos, M.S., Philippines Amphibians
Barbara A. Harney, M.S., Mammal Ecology
N. Aldrin D. Mallari, M.S., Philippines Conservation
Peggy McNamara, Artist

Philip P. Parrillo, B.S., Systematics of Carabidae (Coleoptera)
Nina Sandlin, B.A., Taxonomy of Linyphiidae (Araneae)
John A. Wagner, Ph.D., Systematics of Staphylinidae: Pselaphinae (Coleoptera)

COLLECTION STATISTICS, 2007

Collection Size and Growth

	2006 Number of Specimens	2007 Number of Specimens	2006–2007 % growth
<u>DEPARTMENT OF ANTHROPOLOGY</u>			
Africa	108,638	108,690	0.05%
Europe	37,560	37,560	0.00%
Asia	94,373	94,475	0.11%
South America	54,297	54,774	0.88%
Central & Middle America	26,842	27,286	1.65%
North America	664,604	664,690	0.01%
Pacific	58,936	58,971	0.06%
Osteological Collection	31,791	31,791	0.00%
Anthropology Subtotal	1,077,041	1,078,237	0.11%
<u>DEPARTMENT OF BOTANY</u>			
Algae	78,142	78,142	0.00%
Fungi (including lichens)	193,220	194,818	0.83%
Bryophytes	204,450	209,225	2.33%
Pteridophytes	117,830	118,080	0.21%
Gymnosperms	11,125	11,175	0.45%
Angiosperms	2,136,622	2,144,417	0.36%
Botany Subtotal	2,741,389	2,755,857	0.53%
<u>DEPARTMENT OF GEOLOGY</u>			
<i>Geology statistics represent updated inventory data</i>			
Physical Geology	51,007	51,215	0.41%
Invertebrate Paleontology	322,707	322,713	0.00%
Plant Paleontology	67,840	67,847	0.01%
Vertebrate Paleontology	82,080	82,244	0.20%
Geology Subtotal	523,634	524,019	0.07%
<u>DEPARTMENT OF ZOOLOGY</u>			
Amphibians and Reptiles	284,492	286,492	0.70%
Birds	470,680	474,710	0.86%
Fishes	1,899,717	1,903,533	0.20%
Insects	12,223,311	12,309,483	0.70%
Invertebrates	4,518,128	4,537,256	0.42%
Mammals	191,253	196,147	2.56%
Zoology Subtotal	19,587,581	19,707,621	0.61%
TOTAL SPECIMENS	23,929,645	24,065,734	0.57%

COLLECTION STATISTICS, 2007

Outgoing Loans from Field Museum Collections

	Number of Loans	Number of Specimens
<u>DEPARTMENT OF ANTHROPOLOGY</u>		
Anthropology Subtotal	11	670
<u>DEPARTMENT OF BOTANY</u>		
Algae	1	35
Fungi (including lichens)	17	391
Bryophytes	15	539
Pteridophytes	3	386
Gymnosperms	1	10
Angiosperms	101	8,905
Botany Subtotal	138	10,266
<u>DEPARTMENT OF GEOLOGY</u>		
Physical Geology	6	28
Invertebrate Paleontology	7	32
Plant Paleontology	9	141
Vertebrate Paleontology	30	651
Geology Subtotal	52	852
<u>DEPARTMENT OF ZOOLOGY</u>		
Amphibians and Reptiles	101	2,072
Birds	113	3,228
Fishes	27	2,738
Insects	122	34,933
Invertebrates	26	2,428
Mammals	73	2,924
Zoology Subtotal	462	48,323
TOTAL	663	60,111

COLLECTION STATISTICS, 2007

Incoming Loans from Other Institutions or Parties

	Number of Loans	Number of Specimens
<u>DEPARTMENT OF ANTHROPOLOGY</u>		
Anthropology Subtotal	0	0
<u>DEPARTMENT OF BOTANY</u>		
Algae	0	0
Fungi (including lichens)	30	573
Bryophytes	8	123
Pteridophytes	0	0
Gymnosperms	0	0
Angiosperms	5	144
Botany Subtotal	43	840
<u>DEPARTMENT OF GEOLOGY</u>		
Physical Geology	0	0
Invertebrate Paleontology	0	0
Plant Paleontology	0	0
Vertebrate Paleontology	n/a	n/a
Geology Subtotal	0	0
<u>DEPARTMENT OF ZOOLOGY</u>		
Amphibians and Reptiles	10	554
Birds	6	438
Fishes	15	307
Insects	78	16,127
Invertebrates	4	1,291
Mammals	30	1,013
Zoology Subtotal	143	19,730
TOTAL	186	20,570

COLLECTION STATISTICS, 2007

Use of Collections by Visitors

	<u>Scientific Visitors</u>		<u>Classes</u>		<u>Information/Outreach</u>	
	Total Visitors	Total Visitor Days	Total Classes	Total Students	Total Visits	Total Visitors
<u>ANTHROPOLOGY</u>						
Subtotal	57	121	35	860	65	418
<u>BOTANY</u>						
Algae	0	0	0	0	3	68
Fungi	6	327	0	0	3	68
Bryophytes	3	3	0	0	3	68
Pteridophytes	3	4	0	0	3	68
Gymnosperms	0	0	0	0	3	68
Angiosperms	144	208	2	42	3	68
Subtotal	156	542	2	42	18	408
<u>GEOLOGY</u>						
Physical Geology	1	2	1	10	0	0
Invertebrate Paleo	2	9	3	22	0	0
Plant Paleontology	9	41	1	2	0	0
Vertebrate Paleo	53	225	2	7	11	148
Subtotal	65	277	7	41	11	148
<u>ZOOLOGY</u>						
Amphib./Reptiles	53	511	5	94	17	55
Birds	41	221	12	150	25	300
Fishes	42	151	8	133	18	187
Insects	44	85	16	230	18	58
Invertebrates	48	94	0	0	15	75
Mammals	101	661	12	219	23	584
Subtotal	329	1,723	53	826	116	1,259
TOTALS	607	2,663	97	1,769	210	2,233

BIODIVERSITY SYNTHESIS CENTER

The Encyclopedia of Life (EOL) will serve as an online reference source and database for every species that named and known on this planet. The EOL will be used as both a teaching and a learning tool; helping scientists, educators, students, and the community at large gain a better understanding of biodiversity and evolution. Over the next five years, EOL aims to 1) generate one million species pages, each one of which will be verified by scientific experts, 2) digitize a large portion of the core biodiversity literature, 3) generate educational materials for students, schools and universities, and citizen scientists, and 4) use EOL page content and cross-linkages as a resource to generate new synthetic knowledge about the world's biodiversity.

The project, funded by the MacArthur and Sloan Foundations, brings together several of the world's leading natural history institutions, including The Field Museum, the Smithsonian Institution, Harvard University, the Marine Biological Laboratory, the Missouri Botanical Garden, and the Biodiversity Heritage Library consortium. EOL's core activities are led by five working groups: Biodiversity Synthesis Center (led by Mark Westneat, Field Museum). Species Sites (led by Jim Edwards, SI), Biodiversity Informatics (led by David Patterson, MBL), Scanning and Digitization (led by Tom Garnett, BHL), and Education and Outreach (led by Marie Studer, Harvard).

Headquartered at the Field, The Biodiversity Synthesis Center's mission is to increase the pace of scientific discovery about biodiversity, conservation, and the evolution of life. BioSynC serves as a liaison between the scientific community and EOL. BioSynC helps to recruit EOL involvement within the scientific community and organizes and hosts "Synthesis Meetings" bringing together experts in systematics, conservation, informatics, and programming to generate data, applications, and visualizations that will promote biodiversity research, education, and conservation. To that end, BioSynC will host 10 meetings each year.

In 2007, BioSynC hosted two synthesis meetings. The first was the product of an exciting collaboration with Adobe Systems. It was held on December 3 at Adobe headquarters in San Francisco, and focused on developing a visualization interface for the "Tree of Life," which may serve as a gateway to the EOL. This meeting was hosted by Director and Curator Mark Westneat (BioSynC and Zoology/Fishes), Deputy Director and Associate Curator Rick Ree (BioSynC/Botany) and Gever Tulley (Adobe), and attended by several of the premier thinkers in phylogeny visualization, David Maddison (Arizona), Mike Sanderson (Arizona), Bill Piel (Yale), and David Patterson (EOL at MBL), as well as top talent from Adobe.

The Field Museum hosted the EOL's first organism-focused synthesis meeting from December 12 to 15. Organized by Associate Curator Scott Lidgard (Geology), this meeting assembled 10 experts from around the world to plan the format and content for entering the Bryozoa into EOL. The Bryozoa are a cosmopolitan group of microscopic aquatic invertebrates found in all water depths and salinities; bryozoans band together to create large skeletonized colonies, similar to coral. The meeting allowed participants to design and test internet data that will become part of the EOL, and organize the large but disparate existing data on these animals. It also provided a forum for senior personnel to complete a \$3 million NSF Planetary Biodiversity Inventory grant proposal. Participants included Mark Westneat, Audrey Aronowsky, Alta Buden of the BioSynC, David Patterson (MBL), David Angulo (DePaul University), Philip Bock (Deakin, Australia), Dennis Gordon (NIWA, New Zealand), Ji Eun Seo (Woosuk, Korea), Diana Paola Florez Romero (InveMar, Colombia), Joanne Porter (Aberystwyth University, Wales), Mary Spencer Jones (NHM, London), Timothy Wood (Wright State), and Judith Winston (VMNH).

FIELDIANA, 2007

Fieldiana is a peer-reviewed monographic series published by The Field Museum of Natural History. *Fieldiana* focuses on mid-length monographs and scientific papers pertaining to collections and research at The Field Museum. The four series pertain to subject matter in the fields of Anthropology, Botany, Geology, and Zoology. Curators, research associates, full-time scientific support staff, full-time paid postdoctoral fellows, graduate students of Field Museum curators, and fellowship awardees may submit manuscripts for publication in *Fieldiana*.

2007 saw the publication of three scientific papers, totaling 168 pages. *Fieldiana* completed the final phase of the BioOne digitization project and has been successfully up and running since March 2007. All *Fieldianas* starting from 2005 onward are now available through BioOne (www.BioOne.org), an electronic aggregator service for scholarly publications relating to organismal biology.

The editorial board also saw changes. As of November, Jonathan Haas and Gary Feinman were appointed as co-associate editors for *Fieldiana* Anthropology. John Bolt has agreed to serve an additional two-year term as Associate Editor for Geology, and Managing Scientific Editor Harold Voris will continue with *Fieldiana* for a second three-year term.

Visit the *Fieldiana* website for more information:
http://www.fieldmuseum.org/research_collections/fieldiana/

Fieldiana: Anthropology

No. 39. The Hospital of San Andres (Lima, Peru) and the Search for the Royal Mummies of the Incas. By Brian S. Bauer and Antonio Coello Rodriguez. 2007. 31 pages. Publication No. 1545.

No. 40. Archeological Investigation of Late Archaic Sites (3000–1800 B.C.) in the Pativilca Valley, Peru. By Winifred Creamer, Alvaro Ruiz, and Jonathan Haas. 2007. 79 pages. Publication No. 1546.

Fieldiana: Zoology

No. 113. Systematic Review of the Barbary Macaque, *Macaca sylvanus* (Linnaeus, 1758). By Jack Fooden. 2007. 58 pages. Publication No. 1547.

PRITZKER LABORATORY FOR MOLECULAR SYSTEMATICS AND EVOLUTION, 2007

The Pritzker Laboratory for Molecular Systematics and Evolution was named in recognition of generous support from The Pritzker Foundation. The Pritzker Lab is a Field Museum multi-user core facility whose mission is the collection and analysis of genetic data. The majority of the data collected are DNA sequences. The main sources of specimens used in the laboratory are the frozen tissue collections of The Field Museum's Zoology and Botany Departments, although herbarium and traditional museum skins are also used. DNA sequence data are desirable for many reasons in evolutionary studies. Chief among these is the fact that DNA sequences are composed of only four nucleotide bases, resulting in data that are, in some analytical respects, very simple. Another extremely useful property of DNA sequence data is the high level of comparability across species and across studies. Together, these properties mean that DNA sequence data can be used to investigate diverse questions at all levels in the biological hierarchy: questions about individuals, populations, species, and even phyla and kingdoms.

In addition to DNA sequence data, the lab had several ongoing projects employing fragment analysis. For example, Terminal Restriction Fragment Length Polymorphism (T-RFLP) data are being used by several mycologists in lab to infer species diversity of fungi in soil communities. Microsatellite DNA data are being used for several projects in lab including, mating system of lemon sharks, hybridization of native and invasive bittersweet, and conservation genetics of smalltooth sawfish.

The primary activity of lab users is the collection and analysis of genetic data for inferring the evolutionary, or phylogenetic, relationships among species. This knowledge of phylogenetic relationships is fundamental to understanding organismal evolution and the origins of biological diversity. Patterns of phylogenetic relationships among species can be used to trace evolutionary changes and provide insights to the biological and geological histories of geographic regions. Another focus of lab research involves characterizing the amount of genetic variation within and among populations. These data can be used to help guide conservation efforts, and to study the processes driving evolution, such as natural selection.

The majority of lab users are Field Museum curators, their graduate students from the University of Chicago and the University of Illinois at Chicago, and their postdoctoral researchers. As it does every year, the lab had many international visitors in 2007, including scientists from England, Thailand, Spain, China, Portugal, Canada, Brazil, Turkey, and India. Each of these visitors was trained in the proper methods for collecting genetic data for their various projects. In 2007, we trained 29 national and international scientists to collect genetic data on a wide variety of organisms, including sharks, mushrooms, coral reef fish, lichenized fungi, bivalves, birds, snakes, toucans, lice, bats, and frogs. The numerous areas of inquiry pursued by these researchers include coevolution of parasites and hosts, the evolution of life history traits, rates of evolutionary change, biogeography, conservation, sexual selection, speciation, and natural selection at the molecular level. More than 50 new and continuing projects used the DNA sequencing facilities in 2007.

In October of 2007, the Lab Management Committee welcomed a new member: Dr. Leo Smith (Zoology/Fishes) joined our team, and we look forward to working with him. Dr. Smith has already contributed some new ideas that he and his research group will incorporate into our methodology.

The Pritzker Lab is a non-departmental unit of Academic Affairs supervised by a Management Committee. It is available for use by the curators and staff members of The Museum, their collaborators and students. All users of the lab are responsible for designing, performing and financing their own lab work. We welcome additional collaborations with new institutions and researchers. For more information on specific research projects, please see the web pages of the Pritzker Lab:

http://www.fmnh.org/research_collections/pritzker_lab/pritzker/index.html, or the individual pages of committee that manages the facility: John Bates (Zoology); Thorsten Lumbsch (Botany); Shannon Hackett (Zoology); Rick Ree (Botany); Leo Smith (Zoology); and Kevin Feldheim (Pritzker Lab).

SCANNING ELECTRON MICROSCOPE LABORATORY, 2007

The Field Museum's two scanning electron microscopes (SEMs) are invaluable research tools for examining fine surface details of three-dimensional objects and specimens from the museum's collections. The capability of viewing objects at very low magnifications as well as high magnifications (over 100,000 times life-size) is one of the special features of our SEMs. Images obtained from the scanning electron microscope achieve higher resolution and higher magnification than those observed with light microscopy, and the SEM images also provide 300 times more depth-of-field than those obtained with conventional light microscopy.

In addition to imaging, our newest SEM, the variable pressure LEO (Carl Zeiss) EVO Scanning Electron Microscope, is equipped with an Oxford Instruments INCA Energy Dispersive Spectroscopy (EDS) system that performs nondestructive major and minor elemental analysis of a variety of objects. This SEM was installed in April 2004 and has the largest chamber available for viewing sizeable specimens and objects. The LEO (Zeiss) SEM with the Oxford EDS was generously funded by an anonymous donor and is part of the museum's Elemental Analysis Facility.

The SEM Lab also has an Amray 1810 SEM that has been upgraded with a PC that has a digital imaging capturing system. The Amray SEM is an excellent tool for very low magnification in addition to high magnification work, examination without destructive methods (e.g. uncoated specimens), and a large range of specimen movement and positioning. Specimen preparation instruments in the lab include a Denton Vacuum Desk IV Sputter Coater (new purchase in 2006) for coating non-conductive specimens with a thin layer of gold and a Balzers 030 Critical Point Dryer for drying soft tissue.

The SEM Laboratory is a multi-user research facility used by researchers and students in The Field Museum's Departments of Anthropology, Botany, Geology, and Zoology. The laboratory is managed by Betty Strack. 25 curators, graduate students (mostly from the University of Chicago and the University of Illinois at Chicago), undergraduate interns, professional staff, research associates, and international visiting/collaborating scientists from Collections and Research used the SEMs in 2007. The staff, students, and collaborating scientists that had research projects include: Danny Balete, John Bolt, J.P. Brown, Julian Bueno, Dave Clarke, Peter Crane, Taro Eldredge, Dan Geiger, Ian Glasspool, Anna Goldman, Adrian Harris, Larry Heaney, Andrew Hipp, Andrew Leslie, Cristian Martinez, Claire McPartlin, Greg Mueller, Munetoshi Maruyama, Kevin Pitz, Rebecca Rundell, Petra Sierwald, Margaret Thayer, Bill Turnbull, Janet Voight, and Matt von Konrat.

In 2007, the SEM continues to be an important component of many new and continuing research projects. Topics of these projects and specimens/objects studied include:

- Analysis of Kish stucco before and after treatment
- Morphology of rove beetles
- Photo atlas of spider's morphology
- Photo atlas of millipedes morphology
- Ant morphology
- Study of octopus structures
- Land snail shells study
- Examinations of small mammal teeth and skulls
- Mushroom spore morphology
- Liverwort (bryophyte) spore morphology
- Examinations of fossil plants
- Study of fossil teeth (dentition): amphibians/reptiles

SCHOLARSHIP COMMITTEE, 2007

The Field Museum Scholarship supports professional scientists and students wish to work with the Museum's collections or collaborate with its researchers. The Scholarship Committee administers nine separate awards, including graduate fellowships, visiting scientist grants, scholarships for early-career scientists, and undergraduate and high school internships.

During 2007 the Scholarship Committee awarded 34 scholarships, three fellowships, six undergraduate internships, and four high school internships in all four Collections and Research departments. Visiting scientists and students came from around the globe, including Argentina, Australia, Brazil, Canada, Colombia, Ecuador, Germany, India, Iran, Ireland, Israel, Kenya, New Zealand, Peru, Philippines, Russia, Slovakia, South Korea, Spain, and the U.K., as well as the U.S.

The Scholarship Committee is currently chaired by Associate Curator Petra Sierwald (Zoology/Invertebrates). Elaine Zeiger serves as Committee Secretary.

Scholarships, Fellowships, and Internships Awarded in 2007

Lester Armour Family Graduate Fellowship (for outstanding graduate students to pursue advanced studies in one of the scientific departments at the museum): Paul Velazco.

Brown Family Graduate Fellowship Endowment (for University of Chicago students of superior academic merit who are citizens of the U.S. and whose work requires a Museum curator to be on his/her Ph.D. committee): Rebecca Rundell.

Women's Board "Women In Science" Fellowship (for exceptional women Ph.D. candidates in the natural sciences): Nicola Sharratt.

Robert O. Bass Visiting Scientists (for the support of visiting scientists): Alexander Bannikov, Ana M. Crespo, Alejandro Kramarz, Richard Mayden, Jennifer McElwain, Simiyu Wandibba.

Robert O. Bass Visiting Scientists (for younger, less established scholars): Benjamin Burger, Martin Kunderát, Sergio Solari, Michael Zuykov.

Thomas J. Dee scholars (for research and academic fellowships with priority given to younger, less established research workers): Santiago Giraldo, Jerry Husak, Alex Kirschel, Vimoksalehi Lukoschek, Hugo Mantilla-Meluk, Cristiano Moreira, Matthew Parker, Miguel Pinto, Toby Spribille, Alexander Swanson.

Karl P. Schmidt scholars (for the training of young scientists who desire to study at The Field Museum): Mason Dean, Janine Ochoa.

Thomas J. Dee scholars (for research and academic fellowships with priority given to younger, less established research workers) and Karl P. Schmidt Scholars (for the training of young scientists who desire to study at The Field Museum): Monika Barrionuevo, Juan F. Díaz Nieto, Jörg Fröbisch, Efrat Gavish-Regev, Tariq Husain, Hea Jin Kwon, Katharine Marske, Georgina McKusick, Ommer Nameer, Victor Pacheco, Fatemeh Tabatabaei, Cory Willmott.

Undergraduate Internships (work experience whereby an undergraduate or recent graduate gains hands-on training in his/her field of expertise for one or more semesters): Aubrey Bailey, Cesar Cartagena, Sylvia Deskaj, Taro Eldredge, Michael Santema.

High School Internships: Barnaby Coates Welsh, Sam Kearney, Hilary Leathem, William Montag.