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Frank H. McClung
Museum
Annual Report



from the director

Considerable energy this year was devoted to the preparation of the self-study questionnaire as the first step in reaccreditation by the American Association of Museums. The process involved in-depth examination and explication of nine broad areas of museum organization and operations. Accreditation by the AAM recognizes the museum's commitment to excellence, accountability, high professional standards, and continued institutional improvement. We are proud to have been accredited since 1972 and to be one of twelve accredited museums in the state. The current reaccreditation process will extend over the next year.



Part of the preparation for the self study was the review by the board of advisors of the museum's vision and mission statements. While reworded, the statements did not undergo significant changes. With the director, the board generated a long-range plan with five goals to guide the museum over the next three years: the museum will continue to make education its central mission and will expand programming to serve more audiences; the museum will collect and preserve objects and data that support its mission; the museum will advance the community of learning by engaging in and promoting research and contributing to scientific and humanistic knowledge; the museum will build endowment funds and increase annual financial support; and the museum will become integral to the undergraduate academic experience and increase the use of its collections in academic activities.

This year the museum greatly enhanced its Internet presence with Facebook, Twitter, and a satellite website, *DoLunchOnLine*, featuring 360-degree views of many objects. I would like to extend a special thanks to Greig Massey for committing well over 3000 volunteer hours to completing this site. Renovation began in the Decorative Arts gallery in June, and we are looking forward to a new face and a beautiful display of our diverse decorative objects in FY2011.

We were pleased to receive a bequest from Peggy Tate establishing the Henley and Peggy Tate endowment. This increased our endowments to six—critical sources of operating funds as we face future budget cuts from the university.

Thanks to stimulus funds from the chancellor and continued support from our members and sponsors, it has been a productive year with exceptional exhibitions, exciting education programs, and significant research. I am exceptionally proud to present the Annual Report of our achievements.



Jefferson Chapman, Director



On the cover:

Tlingit Octopus Bag
ca.1890-1910

Triple Gourd Porcelain Vase
Chinese, Qianlong period 1736-1795

mission

The Frank H. McClung Museum complements and embraces the mission of the University of Tennessee, Knoxville.

The Frank H. McClung Museum seeks to advance understanding and appreciation of the earth and its natural wonders, its peoples and societies, their cultural and scientific achievements, and the boundless diversity of the human experience. The museum is committed to excellence in teaching, scholarship, community service, and professional practice.

vision

The Frank H. McClung Museum will be the premier university museum in the Southeast.

attendance

Attendance figures at the museum are complicated by the use of the museum auditorium for undergraduate classes during the week. During a semester, students attend classes two or three times each week. During Fiscal Year 2010, there were 3,632 students enrolled in 19 classes that met at the museum. This translates to a high per capita student building usage—over 125,000 visits. These students are exposed to exhibits while waiting for classes and most look around the museum several times a semester.

The visitor count at the museum, including non-university school groups and excluding students attending classes in the museum, totaled 34,631. Based on the guest register (signed by only 4 percent of the visitors), museum visitors came from 42 states and 11 foreign countries. As expected, the majority are from Knox and surrounding counties and adjacent states.



mcclung museum on the web

During the fiscal year, the museum website, <http://mcclungmuseum.utk.edu>, received 163,061 page views from 66,141 visitors from distinct Internet addresses, an 18.2% and a 19.8% increase respectively.



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Shannon Koerner
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Special Exhibitions

Birds in Art. May 8–August 16, 2009. Sponsored by Arader Galleries, New York. Traveling exhibition from the Leigh Yawkey Woodson Art Museum.

Birds of the Smokies: The Art of Catesby, Wilson, and Audubon. January 2–December 31, 2009. In commemoration of the 75th Anniversary of the Great Smoky Mountains National Park. Sponsored by First Tennessee Foundation and Wildcat Cove Foundation. In house exhibit curated by Gerald R. Dinkins.

Discovering American Indian Art. August 29, 2009–January 10, 2010. Sponsored by Home Federal Bank, UT Knoxville Ready for the World: International and Intercultural Awareness Initiative, and UT Knoxville Office of Research. Curated by Dr. Michael H. Logan and Dr. Gerald F. Schroedl, Department of Anthropology UTK.

Excavations at Morgan Hill. Long-term, opened December 2009. In-house exhibition. Consultants: Dr. Elizabeth DeCorse and Michael Angst, UTK Archaeological Research Laboratory; Dr. Joan Markel, Outreach Educator, McClung Museum; and Dr. Earl J. Hess, LMU.

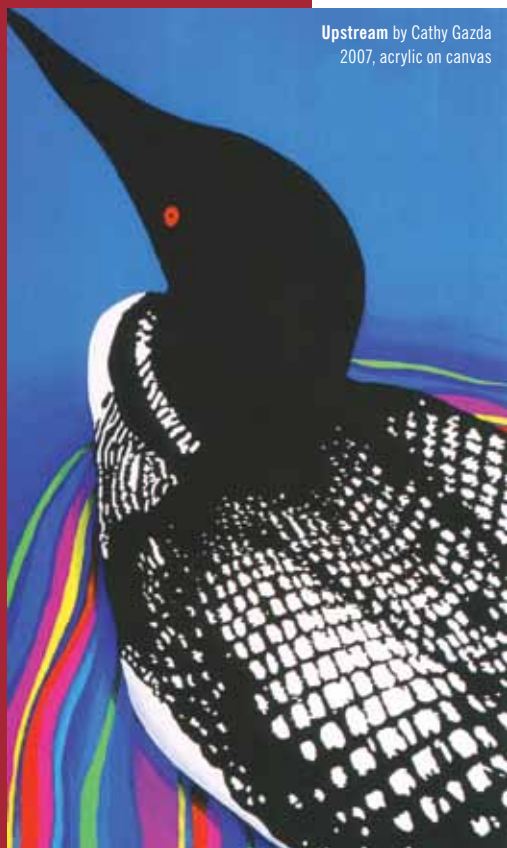
2,000 Years of Chinese Art: Han Dynasty to the Present. January 23–May 23, 2010. Sponsored by First Tennessee Foundation, Aletha and Clayton Brodine Museum Fund, UT Knoxville Ready for the World International and Intercultural Initiative, and Wildcat Cove Foundation. In-house exhibition curated by and objects loaned by Dr. John K. Fong.

John Gould: England's Audubon. January–June 2010. In-house exhibit.

Shells: Gems of the Sea. June 5–September 5, 2010. Sponsored by Henley and Peggy Tate Museum Fund. In-house exhibit curated by and objects loaned by Dr. Peter Stimpson.

Animals in Wonderland. Selections from the Hensley/Moss Pitcher Collection. By research associate Pamela Bloor.

Upstream by Cathy Gazda
2007, acrylic on canvas



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Landon Bailey
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Catherine Alison Dietz
Stephanie Drumheller
Nathan Jones
Elizabeth Lovett
Daniel Schilling
Laura Starratt
Jessica Winslow
Kimberly Wren



Exhibition-Related Lectures and Events

Archaeokids: Exploring Ancient Art and Archaeology, day camp, grades 4-6, July 27–31, 2009.

Dig It! Fun with Fossils, day camp, grades 4–6, July 20–24, 2009.

Illustrated lecture, “Native American Art: Land, Sovereignty, and Local Knowledge.” Dr. David W. Penney, Detroit Institute of Arts. September 27.

Teachers’ In-service Workshop, “Beyond the Basics: American Indian Art, Music, Dance, and Literature.” With Indian Creek Productions, Tennessee Geographic Alliance, and the Tennessee Council for the Social Studies. October 16.

Illustrated lecture, “The Story Behind the Art—John Buxton’s Experiences in Tribal Art and on the Antiques Roadshow.” John Buxton, Shango Tribal Art. November 15.

Illustrated lecture, “Knoxville’s Civilian War: The Face of Conflict 1861–1865.” Dr. Joan Markel, McClung Museum Outreach Educator. February 21.

Video (27 minutes), “Discovering American Indian Art” with exhibition curators Dr. Michael Logan and Dr. Gerald Schroedl. Produced by UTK Video and Photography Center. Began broadcast on UTTV in February.

UTK faculty workshop, "Night at the Museum."
Hosted by UTK Tennessee Teaching and Learning
Center. February 22.

Teacher In-service Workshop, "2,000 Years of
Chinese Art." March 18.

Dig It! Fun with Fossils, day camp, grades 4–6,
June 14–18, 2010.

The Museum co-sponsored with the East
Tennessee Society of the Archaeological Institute
of America the following illustrated lectures:

"Olympia Before the Temple of Zeus." Judith
Barringer, University of Edinburgh, October 29.

"Recent Applications of Near-Surface
Geophysical Imaging in Archaeology." Gregory S.
Baker, UTK Department of Earth and Planetary
Sciences, November 29.

"Recent Discoveries at the Prehistoric Site of
Mitrou, Greece." Dr. Alyedis Van de Moortel, UTK
Department of Classics, January 26.

"New Sculpture from the Acropolis of
Stymphalos, Greece." Dr. Mary Sturgeon, UNC
Chapel Hill, February 16.

"Roman Mosaics from Tunisia." Nejib Ben Lazreg,
Institut du Patrimoine, Tunis, March 16.

"Archaeology of Mayan Caves." James Awe,
National Institute of Culture and History, Belize,
March 23.

"Morgan Hill: Front Line of the Confederacy
in the Battle of Fort Sanders." Dr. Elizabeth
DeCorse, UTK Archaeological Research
Laboratory, April 6.



Continuing Exhibitions

Archaeology and the Native Peoples of Tennessee

Geology and the Fossil History of Tennessee

Ancient Egypt: The Eternal Voice

*The Decorative Experience (removed for
renovation June 2010)*

Human Origins: Searching for Our Fossil Ancestors

Treasures Past and Present: Freshwater Mussels

The Battle of Fort Sanders, November 29, 1863

Additions to the Collections

Ten casts of ancient Egyptian objects (8 on exhibit
in *Ancient Egypt: The Eternal Voice*): Narmer palette;
head of an Amarna princess; statuette of a seated
man with family; statuette of Tawaret; panel of
Hesyre; head from a statue of Ramses II; upper half
of a seated statue of Ramses II; seated statue of Seti
II; head of Taharka; and seated statue of Khafre.
Gift of the Metropolitan Museum of Art, New York.

Fifteen hand-colored lithographs from John Gould's
Birds of Australia, Volume V, London, 1840–1869.
Gift of Stuart A. Greenberg, M.D., Dr. and Mrs.
Claiborne Christian, Jamie Iredale, Peter DeSorcy,
Lawrence Miller, C. Thomas Hardin, Kenneth
Albers, Jeremy Jesse, and Roland S. Summers.

Fourteen hand-colored lithographs from John
Gould's *Family of Trogons*, Revised Edition, London,
1858–1875. Gift of John W. Glynn, Walter Cochran,
Robert Dahlgren, and David Morgan.

Twenty hand-colored lithographs from John Gould's
Birds of New Guinea, London, 1875–1888. Gift of
Drew Peslar and John W. Glynn.

Seven hand-colored lithographs from John Gould's
Birds of Asia, London 1850–1883. Gift of Jamie
Iredale and Drew Peslar.

Six hand-colored lithographs from John Gould's
Family of Hummingbirds, Supplement, London
1880–1887. Gift of John W. Glynn, Roland Summers,
MD, and Kenneth Albers.



WORK STUDY

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Jessica Magers-Rankin

Amanda Meredith

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Danielle Wrasman

CONTRIBUTIONS TO THE FRANK H. MCCLUNG MUSEUM

JULY 1, 2009–JUNE 30, 2010

*The Museum has made every
effort to check the accuracy
of this report. We sincerely
regret any errors or omissions
that may have escaped our
scrutiny. Every contribution to
the McClung Museum makes
a difference and is greatly
appreciated.*

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Chinese, Qianlong period
1736–1795





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Narmer Palette (cast)



Three hand-colored engravings from Alexander Wilson's and George Ord's *American Ornithology*, Philadelphia, 1808–1814. Gift of Anonymous and Dr. and Mrs. Claiborne Christian.

Two copper-plate engravings from *Description de l'Égypte*, published by Charles Louis Fleury Panchoucke, Paris 1821–1829. Gift of James H. Hecht.

Forty-five engravings by Alexander Wilson, Titian Ramsey Peale, and Alexander Rider from *American Ornithology*, Philadelphia 1871 edition. Gift of Dr. John K. Fong.

Gilt bronze Buddha, Tang Dynasty. Gift of Alan and Simone Hartman.

Eight Chinese costume elements, miscellaneous Chinese coins, and scroll to the Museum Education Collection. Seven late 19th century Chinese ceramics. Gift of Gail Harris.

Eleven books on Native Americans to the Education Collection; eight ceramic, bead, and basketry objects to the Education Collection. One seal-skin beaded pouch. Gift of Scott and Linda Linn.

Silver plate inkwell with pharaoh-style head 1879–1899, George Stadford Lee & Henry Wigfull Sheffield, England. Gift of Elaine A. Evans.

Loans from the Collections

Bronze bust of Goingback Chiltoskey by Griffin Chiles. Loan to the Museum of the Cherokee Indian.

Prehistoric shell gorget and mask. Loan to Florida Museum of Natural History.

Glass trade beads. Loan to University of California-Berkeley.

Awards Received

This year the museum received two awards at the annual meeting of the Tennessee Association of Museums. An Award of Excellence for Superlative Achievement was given for the temporary exhibition *Discovering American Indian Art* curated by Drs. Michael H. Logan and Gerald F. Schroedl, professors in the UTK Department of Anthropology. A second

Award of Excellence for Superlative Achievement went to the catalogue *Napoleon and Egyptomania in Tennessee* by Curator Elaine Altman Evans and designed by UT Creative Communications.

Volunteers

Volunteers are essential to the programs and success of the museum. This year 67 dedicated volunteers provided a total of 1,247 hours of service in the areas of education, collections, exhibitions, publicity, and board service. On top of this, Greig Massey contributed over 3,000 hours in the production of the museum satellite website, *DoLunchOnLine*.



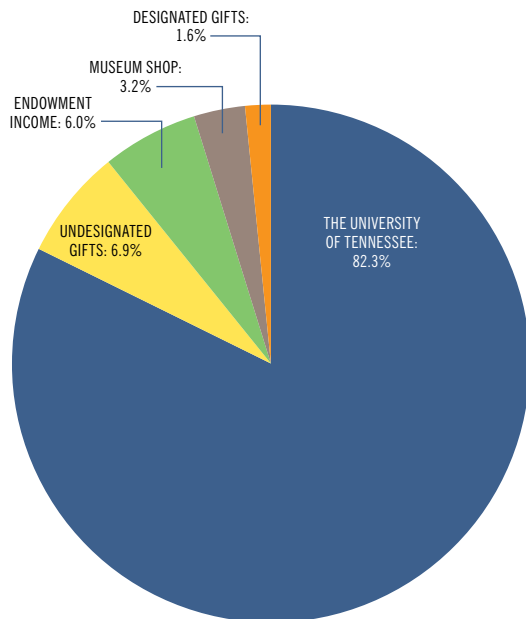
Ojibwa Bandalier Bag
 ca. 1870-1890

Financial Summary

Income

The University of Tennessee	\$1,303,215 (82.3%)
Designated giving	25,000 (1.6%)
Undesignated giving	109,553 (6.9%)
Endowment Income	95,282 (6.0%)
Museum Shop	51,401 (3.2%)

Total. \$1,584,451



(Not included in the above figures is \$472,800, which was received and expended on the purchase of natural history prints as part of a contract with Arader Galleries, New York. Income from the university is greater than previous years due to stimulus funds.)

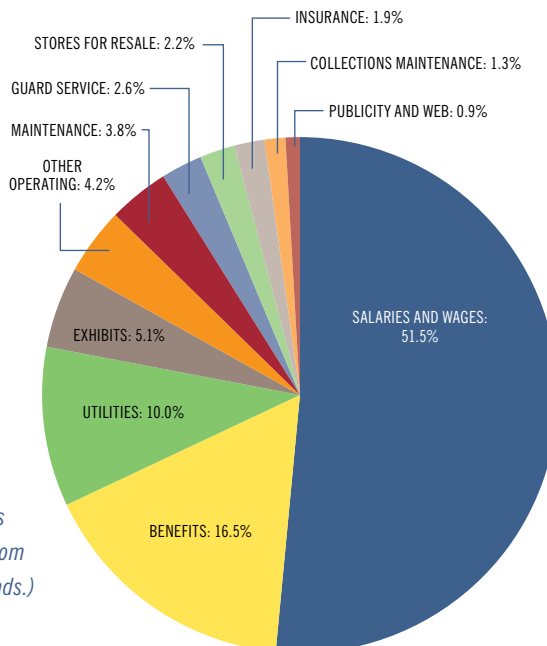
Endowment

Thanks to a bequest by Peggy Tate creating the Henley and Peggy Tate Endowment, the museum's endowments grew to six. The value of the museum's endowments as of June 30, 2010 was \$1,491,171. The five earlier endowments were up 5.8% from last year.

Expenses

Salaries and Wages	\$716,768 (51.5%)
Benefits	229,435 (16.5%)
Guard Service	36,284 (2.6%)
Exhibits	71,594 (5.1%)
Collections Maintenance	18,002 (1.3%)
Publicity and Web	12,319 (0.9%)
Stores for Resale	30,123 (2.2%)
Other Operating	57,856 (4.2%)
Utilities	139,725 (10.0%)
Maintenance	53,422 (3.8%)
Insurance	27,013 (1.9%)

Total. \$1,392,541



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Archaeology

This year has been a particularly busy one with ongoing research and activities related to new federal requirements for the collections. Last year's redesign of the museum's web site also resulted in increased inquiries about research opportunities with the archaeological collections. These inquiries came from as far away as the Seoul National University in Korea. And as usual, many scholars and students visited the Museum to make use of the archaeological collections.

Results were obtained in fall 2009 for the AMS (Accelerator Mass Spectrometry) date for the Toqua site, for which grant funds were awarded last year from the Tennessee Council of Professional Archaeologists to UTK doctoral candidates Shannon Koerner and Bobby Braly. Toqua was excavated in the 1970s as part of TVA's Tellico Reservoir, and the museum curates these collections. Radiocarbon dates obtained in the 1970s have very large standard deviations, so the newly-obtained, high-precision date helped Koerner, Sullivan, and Braly refine the chronology for the construction of the large platform mound (Mound A) at the site. Results for this project were reported at the annual Current Research in Tennessee Archaeology Conference held last January in Nashville and a formal article was accepted for publication next summer in *Southeastern Archaeology*, the peer-reviewed journal of the Southeastern Archaeological Conference.

Archaeological field work continued in the French Broad River Conservation Corridor in conjunction with the Knoxville/Knox County Metropolitan Planning Commission. A third grant from the Tennessee Historical Commission, awarded in the summer of 2009, originally was to be used to survey cultural resources in the Seven Islands Wildlife Preserve. A change of plans by Knox County resulted in a change of location. Field survey, directed by Shannon Koerner, investigated a Mississippian Period town site using non-destructive techniques, including geophysics (remote sensing). Stephen Yerka of the Anthropology Department's Archaeological Research Laboratory (ARL) provided the geophysics expertise. The French Broad project involves museum archaeologists as well as staff of the Anthropology Department's Archaeological Research Laboratory (ARL). Dr. Lynne Sullivan, the museum's curator of archaeology, and Dr. Boyce Driskell, ARL director, are the project's principal investigators.

In May of 2010, the Department of the Interior enacted 43 CFR Part 10, Native American Graves Protection and Repatriation Act (NAGPRA) Regulations—Disposition of Culturally Unidentifiable Human Remains; Final Rule. This new regulation promises to have profound effects on culturally unidentifiable (including prehistoric) human osteology collections held by research museums and universities across the country. Many of these materials at the McClung Museum are administered by the Tennessee Valley Authority (TVA) and are thus under federal control. Ongoing meetings between McClung Museum and TVA regarding these collections included a visit from staff of the federal General Accountability Office (GAO) in September 2009. The GAO was conducting a study of compliance by federal agencies with NAGPRA. The international science journal, *Nature*, featured an article on the GAO study.

Two other visitors to the archaeology collections this year are of special note. Mr. Emman Spain, representative of the Muscogee Creek Nation in Oklahoma, toured the museum in July. In May and July, forensic geologist Scott Wolter examined the Bat Creek Stone with high-powered microscopy, including a scanning electron microscope (SEM). The Bat Creek Stone is on continuing loan to the museum from the Smithsonian's National Museum of Natural History and is exhibited in the Archaeology and Native Peoples of Tennessee gallery. The stone was found in the nineteenth century by Smithsonian researchers who were investigating an American Indian mound in the Little Tennessee River Valley. The stone is carved with a script that is claimed to be early Hebrew, Cherokee, or a Free Mason's inscription, and is widely thought among professional archaeologists to have been added to the mound by one of the excavators. The Cherokee Museum is assisting Mr. Wolter in his attempts to solve the mystery.

Many scholars from other universities and museums, staff from federal and local government agencies, UTK students, staff, and faculty, and private archaeological consultants continued to make use of the archaeology collections or have been otherwise involved in projects at the museum. Visitors to the archaeology collections

Structure 14, Mound A, Toqua site



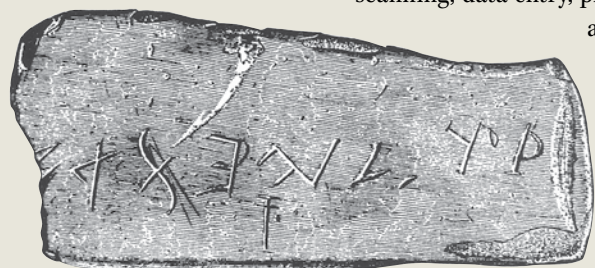


this year included researchers from Illinois State University, University of Arizona, Binghamton University-SUNY, SUNY College at Oneonta, University of South Carolina, East Tennessee State University, Appalachian State University, University of Memphis, Middle Tennessee State University, Pellissippi State Community College, Fernbank Museum (Atlanta), Tennessee State Museum, the Tennessee State Division of Archaeology, the Tennessee Valley Authority, and UT Knoxville. These scholars used museum collections to study prehistoric pipes and their contents, New Deal-era archaeology, the distributions of Paleoindian sites and Archaic period sites and shell middens, Mississippian and Woodland Period pottery and stone tools, and the biological diversity, health status, and mortuary practices of prehistoric peoples in many Tennessee counties. UTK graduate students doing thesis and dissertation research, regional archaeology consultants, and staff at the UT Archaeological Research Laboratory (ARL) and TVA regularly also used the museum's archaeological site files to help determine locations of sites that may be impacted by construction.

Many inquiries about the archaeology collections come to the museum every year from a variety of sources. As noted above, such inquiries increased after the museum's website was redesigned last year and included questions from scholars and students at the University of Kent (England), Newcastle University (England), Seoul National University (Korea), North Carolina State University, Shepherd University (WVA), University of Wisconsin-Madison, Johns Hopkins University, and the Ohio Historical Society. The museum additionally receives numerous requests every year from individuals for identifications of possible artifacts. Many of these queries are now coming via email, also attributable to the website redesign. The usual steady stream of requests was made to use images in the museum's collection of drawings and photographs of archaeological sites and artifacts for scholarly and popular publications and exhibits.

The museum often makes loans of archaeological objects from its collections to other institutions for exhibition or research purposes. Many of these loans are on a long-term, renewable basis. This year two shorter term loans were made. The Florida Museum of Natural History at the University of Florida borrowed two marine shell gorgets dating to the Mississippian Period for an exhibit on dugout canoes and early American Indian trade routes. Several glass trade beads from the Upper Hampton Site in Rhea County were loaned to the University of California-Berkeley for study. Researchers there are examining the composition of the glass to ascertain the age of the beads. UTK graduate student and museum lab assistant Jessica Dalton-Carriger is completing thesis research with the Upper Hampton site collections and arranged for the Berkeley researchers to study the beads.

Graduate assistant Shannon Koerner, assisted by undergraduate work-study students, kept the archaeology lab running during the past year. Their work included artifact cleaning, sorting, and cataloging, document scanning, data entry, preparing loans, and assisting visitors to the collections



Bat Creek stone

and site files. This year, the work-study students completed scanning the original WPA-era field records. These excavation records and catalogs can now be made available in electronic format to scholars. The electronic copies also provide duplicates of the irreplaceable paper records.

In addition to her other activities this year, Curator of Archaeology Lynne Sullivan served as an invited discussant at the annual Southeastern Archaeological

Conference for a symposium on excavations of the Spirit Hill site, a large late-prehistoric site on Gunter'sville Lake in northern Alabama, participated as a panelist in a student-sponsored workshop on "Starting Your Own Research" at the same conference, and was featured in an exhibit on women who have worked at the Cahokia site. The exhibit was displayed at the Cahokia Interpretive Center in Collinsville, Illinois.

Finally, we are pleased to report that Michaelyn S. Harle, former archaeology graduate assistant, successfully completed her doctoral dissertation and graduated last spring. Her dissertation project extensively used data from the museum's collections.

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Paleoethnobotany

Repackaging and cataloguing of archaeologically-recovered plant materials and associated site context data from Tennessee and surrounding states continue. During the past year, archaeologically-recovered plant materials from six Tennessee sites were added to the collections, bringing the total number of sites represented in the fruit/seed and data collections to 66. Fourteen states are represented in the plant and plant data collections. Additional plant materials and associated data are regularly added to the collections as Dr. Crites and doctoral students Ali Dietz and Stephen Carmody conduct research on botanical materials from several sites in three states, and as materials analyzed elsewhere under Tennessee Division of Archaeology permit are sent to the museum. Additions to the paleoethnobotany collections electronic database are ongoing and handled by Ali Dietz and Kimberly Wren.

Again in FY2010, scholars from other museums, universities, University of Tennessee students, faculty and staff, private archaeological consultants, and private citizens with specific research interests, benefited from the paleoethnobotanical collections and expertise of the curator. Scholars from the University of Tennessee, the University of South Carolina, Wofford College, Appalachian State University, the Tennessee Department of Environment and Conservation, the Smithsonian Institution, and individuals from as far away as the Pacific Northwest used the collections and/or solicited information for research pertaining to the distribution and domestication of *Iva annua* (sumpweed), DNA research into the evolution of domesticated sunflower, Middle Woodland period plant use and ritual, late Pleistocene plant macrofossils and climate change, Woodland Period plant use in northern Alabama, Indian trail marker trees, and the use of oak trees by Cherokee and other First Peoples.

In-house research has continued. Doctoral student Ali Dietz continues her work on Middle Woodland paleoethnobotany in the Nashville Basin of Tennessee. Doctoral student Stephen Carmody, with Dr. Crites, is working on botanical materials from the Chucalissa site, a late prehistoric site on the Mississippi River

Sumpweed, *Iva annua*, voucher



Chapalote, one of the oldest races of maize

near Memphis. This large site, first excavated by the University of Tennessee in 1940, has yielded one of the most substantial paleoethnobotanical collections in the upper portion of the lower Mississippi valley. Dr. Crites also continues his research on Hopewell plant use in the Southern Appalachians, as well as research on two sites in South Carolina.

Dr. Crites has also offered advanced graduate courses in paleoethnobotany dealing with people, plants and paleoecology, and laboratory techniques in paleoethnobotany. He also

lectured in an undergraduate course in the Department of Ecology and Evolutionary Biology (Socio-Economic Impact of Plants). He also serves on the Ph.D. committees of two students, and the Master's committee of one student. He also continues as an associate member of the University of Tennessee Bioactive Natural Products Center of Excellence.

Malacology

The complete reorganization of the freshwater mussel catalogue within the Paul W. Parmalee Malacological Collection has been completed, and the mussel catalogue has been updated in keeping with recent taxonomic revisions to several genera and species groups. Curator Gerry Dinkins and student assistants Elizabeth Lovett and Daniel Schilling continued cataloguing backlogged freshwater mollusk material, some of which was collected and stored at the museum as far back as the early 1970s. Most of this material was collected by Dr. Parmalee and his students and colleagues from rivers and streams

across the Southeast, Northeast, and Midwest. The Parmalee Collection now stands at over 41,030 specimens of freshwater mussels, representing 243 North American and 45 non-North American species, and 5,012 lots. In addition to this cataloguing activity, Dinkins and students examined several collections of mollusk material brought to the museum by the Tennessee Valley Authority, and identified archaeological shell material brought in by researchers from two separate sites in Alabama by a private consulting company in Alabama.



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Egyptology and Collections

The collections department under Bob Pennington has enjoyed another year of organization, documentation, and procedural and logistical development. Our PastPerfect database is now significantly more accurate and complete, thanks to the oversight of Dr. Joan Markel. We continue to apply evolving standards for the coverage of accession documentation, the standardization of terminology across all records, outside expert evaluation of objects within subject specialties, plus the addition of consistent classification schemes for data retrieval purposes. Our rough total is now 27,000 items in general collections and 43,000 items in research archaeology.

The hands-on inventory of the physical collection has proceeded almost to completion due to the hard work of dedicated and industrious part-time staff. Artifacts have been verified, photographed, tagged, and documented; each curated location is entered into the computerized record. Printed images and inventories for each location have been produced and appended to storage boxes, thus significantly reducing the disturbance to the artifacts. Our curators have found this new treatment of materials to be of great value in the preparation of exhibits; the education staff has also benefitted from improved access to artifact summary reports and then the physical items.

The offsite warehouse on Middlebrook Pike has been completely reorganized and upgraded with computer access to the PastPerfect database. We continue to work on data accuracy issues uncovered by the physical inventory. This is an on-going, iterative process that involves working back and forth between the objects and the record-keeping system (not to mention much physical labor) to insure accuracy, consistency, ease of retrieval, and quality-controlled conservation of all materials.

We have begun our 'expert review' of artifacts. Dr. Bill Dewey has advised us on African materials, and the weapons collection has been reviewed by local expert Bill Trent. The documentation in these subject areas is greatly augmented in scope and precision of information captured on each artifact record. Our ultimate goals—inventory control and a research database to be used productively by registrar, curators, educators, students and scholars wishing to avail themselves of the vast quantity of knowledge housed within the Frank H. McClung's diverse collections—are yet another year's worth of hard work closer to fruition.

Curator Elaine Evans spent much of this year researching and preparing data on the museum's ancient Egyptian collection and coordinating the data on the museum's extensive postcard collection for entry into PastPerfect, the museum collections management system. Evans worked with Greig Massey and prepared labels for the Egyptian and Decorative Arts sections of the satellite website DoLunchOnLine. The curator has also facilitated the future loan from the Metropolitan Museum of Art in FY 2011 of an Ancient Egyptian fish palette, a canopic jar, and a large stone sarcophagus lid. As curator of the decorative arts collection, Evans addressed many inquiries and requests for information and authentication of a wide array of objects. With work-study assistant Madeline James, cataloguing and data entry continued on the Haas ancient Roman collection, the Carolyn Mulder silver collection, and the completion of data entry for Phase II of Early Images of Egypt for the Internet. Evans took research and study trips to Toulon, France; Elba, Italy; and the Pushkin and Hermitage museums in Russia.



Terra sigillata
sherd, Roman,
3rd century AD



Publications, Papers, and Research Reports

Archaeology

Braly, Bobby R., L. P. Sullivan, and Shannon D. Koerner. Applications of an Updated East Tennessee Mississippian Site Chronology Paper presented at the 2009 annual Current Research in Tennessee Archaeology Conference, Nashville, 2010.

Harle, Michaelyn S., and L. P. Sullivan. Biological and Material Cultural Constructs of Personhood and Community in the Proposed Coosa Province. Paper presented in the symposium "Identity and Essence: Pathways to Personhood in the Southeast" organized by Alleen Betzenhauser, Melissa Baltus, and Sarah Otten at the 66th Annual meeting of the Southeastern Archaeological Conference, Mobile, AL, 2009.

Harle, Michaelyn S., L. P. Sullivan, Nicholas P. Herrmann, Stephen Yerka, Shannon Koerner, and Sarah Sherwood. French Broad Archaeological Sensitivity Model and Survey Project. Poster presented at the 65th Annual meeting of the Southeastern Archaeological Conference, Charlotte, NC, 2009.

Koerner, Shannon D. Mississippian Frontiers in the Highlands of Southern Appalachia. Paper presented in the symposium "Engineering Mountain Landscapes: An Archaeology of Social Investment", organized by Laura L. Scheiber and Maria N. Zedeno at the 75th Annual meeting of the Society for American Archaeology, St. Louis, 2010.

Koerner, Shannon D., L. P. Sullivan, and Bobby R. Braly. A Reassessment of the Mound A Chronology at Toqua. Paper presented at the 2010 annual Current Research in Tennessee Archaeology Conference, Nashville, 2010.

Sullivan, L. P. and Robert C. Mainfort, Jr., editors. Mississippian Mortuary Practices: Beyond Hierarchy and the Representationist Perspective. Florida Museum of Natural History, Ripley P. Bullen Series. Gainesville: University Press of Florida, 2010.

Sullivan, L. P. and Robert C. Mainfort, Jr. "Mississippian Mortuary Practices: The Quest for Interpretations." In Mississippian Mortuary Practices: Beyond Hierarchy and the Representationist Perspective, edited by L.P. Sullivan and Robert C. Mainfort, Jr., pp. 1-13. Gainesville: University Press of Florida, 2010.

Sullivan, L.P. and Michaelyn S. Harle. "Mortuary Practices and Cultural Identity at the Turn of the Sixteenth Century in Eastern Tennessee." In Mississippian Mortuary Practices: Beyond Hierarchy and the Representationist Perspective, edited by L.P. Sullivan and Robert C. Mainfort, Jr., pp. 234-249. Gainesville: University Press of Florida, 2010.

Sullivan, L. P. Deposing the Chieftdom Model "Monster-God." Native South, Vol. 2: 88-97. Invited book review forum for Chieftdoms and Other Archaeological Delusions by T. R. Pauketat, forum edited by D.G. Anderson and R. Ethridge, 2009.

Paleoethnobotany

Crites, Gary, Larry R. Kimball, and Thomas R. Whyte. New Models of Hopewellian Ceremony in the Southern Appalachians. Paper presented at the conference North Carolina Appalachian Summit Archaeology: New Visions of Ancient Times. Appalachian State University, Boone, North Carolina, October 3, 2009.

Malacology

Dinkins, Gerald R. Survey for endangered freshwater snails in Choccolocco Creek at the Southern Natural Gas Pipeline Crossing, Talladega County, Alabama. Study conducted for the Southern Natural Gas Pipeline Company. Report submitted June 2010.

Dinkins. Survey for endangered freshwater mussels in an unnamed tributary to Terrapin Creek, Cleburne County, Alabama. Study conducted for Accipiter Exploration, Atlanta, Georgia. Report submitted June 2010.

Dinkins. Survey for the Four-toed Salamander at the proposed Roberta Landfill Site, Scott County, Tennessee. Study conducted for Quantum Environmental, Inc. Report submitted June 2010.

Dinkins. Status of the Paul W. Parmalee Malacological Collection. Presented at Georgia Department of Natural Resources' third annual Rare Mollusk Meeting, Columbus State University, Columbus, Georgia, March 2010.

Ongoing Projects

Surveys of the freshwater mussel communities in North Fork Holston River and Indian Creek, Virginia, for The Nature Conservancy in response to a sedimentation event associated with construction of a natural gas pipeline.

Assessment of freshwater mussel communities in the Coosawattee, Etowah, Oostanaula, and Coosa Rivers, Georgia, for the U.S. Army Corps of Engineers as part of updated water use manuals being prepared for the Alabama-Coosa-Tallapoosa River basin.

Assessment and population estimation of the freshwater mussel communities in the New River for the National Park Service and the West Virginia Department of Transportation as part of environmental permitting for new bridge construction in the New River Gorge.

Relocation and density estimation of two federally endangered freshwater snails in Choccolocco Creek, Alabama, as part of construction activities on a natural gas pipeline in Cleburne County, Alabama.

Survey for endangered mussels in the Chattahoochee River for Georgia Power as part of Federal Energy and Regulatory Commission relicensing of Bartletts Ferry Dam.

Survey for endangered mussels in Holmes Creek, Escambia County, Florida, as part of environmental permitting for new bridge construction by the Florida Department of Transportation.

Egyptology and Collections

Elaine Altman Evans. Galloping Through the Desert with Napoleon and Beyond. Paper presented at the Association for the Study of Travel in Egypt and the Near East, University of Durham, England, 2009.

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Education Programs

Education programs attendance totaled 10,396 in FY 2010, a decrease of 9% over FY 2009. This figure includes 7,871 participants in the museum, an increase of 5.8%; and 2,525 participants in the outreach program, a decrease of 37% over last year. Due to additional responsibilities, the outreach educator was spending less time conducting outreach programs in FY2010.

Visitors associated with schools (K-12, UTK and other colleges, and teachers) make up the largest segment of groups participating in the museum's education programs. Other groups of

visitors included home schooled students, scouts, after school and summer day care groups, adult church groups, senior citizen groups, and other adult groups. The outreach program served school groups, senior citizen groups, college students, and general visitors.

Exhibit and Program Attendance

Education programs in the museum were offered in seven permanent exhibitions and four consecutive temporary ones during the fiscal year. Among the permanent exhibitions, attendance was highest in the Archaeology & the Native Peoples of Tennessee (42.6%), followed by Geology and Fossil History of Tennessee exhibit (39%), Ancient Egypt: The Eternal Voice (32.8%), The Decorative Experience (15%), Battle of Fort Sanders (14%), Human Origins (6.4%), and Freshwater Mussels (4%). The Decorative Experience closed for renovation May 17, and so was not available for the last six weeks of the fiscal year.

Four popular temporary exhibits were on view at some time during the fiscal year. Birds in Art was available in July and half of August; Discovering American Indian Art ran through the fall and part of the winter; 2,000 Years of Chinese Art was on view most of the spring semester; and Shells: Gems of the Sea ran most of June.

With respect to grade and age of students, compared to FY 2009, this year saw an increase in high school students due to the popularity of 2,000 Years of Chinese Art. There was also an increase in 4th-grade attendance, due to the Discovering American Indian Art exhibit. An increase also occurred in the number of college students, especially UT students, as more faculty brought their classes to the museum for specific subjects, especially Chinese history and art.



Outreach Programs

The museum's outreach programs included Ancient Egypt, Ancient China, Archaeology and the Native Peoples of Tennessee, and Our Traumatic Past: The Civil War in East Tennessee. Adults, both senior citizens and other adult groups accounted for approximately 30% of the total of 2,525 participants; the rest was made up of 6th-graders (42%), 8th-graders (20%) and college students (1.5%). The most popular program for the students was The Civil War (47%), followed by Archaeology and the Native Peoples of Tennessee (20%).

The decline in outreach attendance was due to the reduced time the outreach educator was able to give to the program.

Education Programs Attendance by County

Students from 17 counties in East Tennessee and from Kentucky came to the museum in FY 2010. Knox County accounted for 46% of students. Blount, Sevier, Anderson, Loudon, and Jefferson accounted for most of the rest of students, totaling approximately 37% of the attendance, which was similar to last year's figures. Tennessee students who traveled the greatest distance came from Hamilton County.

The Outreach Program served students from six counties, with more than three-fourths being from Knox County (80%). Anderson, Blount, Greene, Loudon, and Jefferson Counties hosted outreach programs.

Beaumont Museum Magnet Program

The Beaumont Museum Magnet Program continued for a third year. Along with five other museums and sites, the McClung Museum focused on specific science and social science lessons for all students (497) at Beaumont Elementary School. All grades visited the museum, some three times, accounting for 1,081 student visits. Student test scores continue to rise in the two curriculum areas. Graduate student Jessica Winslow worked in this area of the education program this year.

Other Programs and Activities

The museum continues to offer teacher in-service opportunities. An all-day workshop attracted 30 area teachers studying American Indian art, in cooperation with the Tennessee Geographic Alliance and Indian Creek Productions. In addition to presentations about American Indian visual art, teachers learned about music, dance, and literature. Teachers also attended an in-service in the spring semester focusing on Chinese art and history.

Summer camps in archaeology and paleontology were held for 4th-, 5th-, and 6th- graders. Archaeokids: Exploring Ancient Art, and Archaeology, and Dig It! Fun with Fossils, were held in July 2009 and June 2010. Five programs for Girl Scouts and Cub Scouts were also held during the year.

In an effort to increase the use of the museum among UTK's students, the museum partnered with the Teaching and Learning Center at UTK, who hosted a Night at the Museum for faculty. Instructors from a number of departments, including such diverse fields as English, Soil Science, and Child & Family Studies came to the museum for a presentation, activities, and discussion. These efforts have resulted in an increase of classes coming to the museum, both for presentations by curatorial and education staff and by students doing individual assignments and worksheets.

Staff and Volunteers

Education Programs staff consists of Debbie Woodiel, Joan Markel, and graduate assistant Elizabeth Cahill. However, it is community volunteers and UTK graduate student volunteers who make possible the education programs of the museum. This year 39 education volunteers made presentations to students and adults at the museum and in outreach programs.



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Description de l'Egypte

Vol V, Pl.8, 1822, McClung Museum collection

