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Front and back covers: A view from above. The Museum’s Gallery 5 and peripheral galleries as seen from the balcony skybridge. Photo by Bill Mueller

Interim Registrar
Terri Carnes
works on condition reporting for the Saturday Evening Post exhibition.
(see page 50, Registration Division 2012)
The current MuseNews edition represents the annual report for the calendar years 2011 and 2012. During this time, the Executive Director position has been filled, the new direction strengthened, and a new vision formulated. That vision is to be a premier national museum, as a center of excellence in collections, research, and education. A premier national museum is an integrated one where all the parts interact and build on each other, where collections, research, and education are linked and centered on excellence as part and parcel of a larger whole. A robust community-relevant exhibition and education program is founded on collections-based research, and the community is welcomed in to share in the fruits of those linkages and research, and the wonder and knowledge they bring. This vision reshapes the Museum, reflects its mission, and builds on the Museum’s founding principles. Such a quest takes time, concerted effort, and resources.

The Museum has a solid foundation on which to embark on this quest. The Museum is a good museum. It is accredited by the American Alliance of Museums and recognized nationally as a professional museum. That distinction is held by less than 5% of American museums. And, of that 5%, less than 1% represent university museums. But, such a distinction is part of that solid foundation and the beginning of, not the end of, the quest. We cannot rest on our laurels and expect to reach premier status and be a great museum without effort and support, challenges and opportunities. While the Museum is facing financial challenges, those challenges are not stopping us from making progress or seizing opportunities as they arise.

Responses to community engagement opportunities are perhaps the most noticeable, particularly in terms of exhibits and educational programming. The Museum’s “Up from the Basement” series focuses on the Museum’s collections from all six of its collecting divisions. The wedding dress exhibition “They Weren’t Always White” highlights that series for 2011 while 2012 was more expansive with the On the Home Front series, Sacred Places & Ancient Texts – The Rock Art of Cowhead Mesa, Tradition and Innovation – The Ever Evolving Navajo of the Southwest, and the long-term Ice Age on the Southern Plains exhibitions. Deadly Medicine: Creating the Master Race (2011 traveling exhibition) and Speaking Volumes – Books and Ideas from 1250 to 1862 (a 2012 community exhibition) have been highly successful and spoke to both our regional and campus communities. The On the Home Front exhibitions are part of the summer 2012 community-wide collaborative “Celebrating Our Heroes” with exhibitions and events involving museums across the city. Coordinated by the Museum of Texas Tech University Association, the success of “Celebrating Our Heroes” has laid the groundwork for future collaborations and creation of new opportunities.

The Museum is on the move and moving forward. We are not letting our financial challenges stop us from being active and pursuing community commitment and the vision of becoming a premier national museum. Come and join us and see what 2013 has to bring.

Signature publication for “Celebrating Our Heroes: A Summer of Collaborative Exhibitions” for 2012.
by Jamie Looney, Manager for Administration & Finance

The Museum of Texas Tech University is financially supported in several different ways. Due to the fact that it is a teaching facility, offering Masters Degrees in Museum Science and Heritage Management, a portion of our funding comes from the University and the State of Texas. With the difficult economic times, the Museum was especially hard hit with budget cuts from the State.

State Accounts
2011............................................$1,086,275
2012............................................$822,931

Scholarship Accounts
(Funds provided through individual donations and fees generated by the University)

The Museum has endowments that are specifically used for scholarships. In 2011 we were able to provide $30,000 in scholarships, and in 2012 we provided $38,000 in scholarships to our Museum Science students. By providing our students with scholarships, many qualify for in-state tuition rates.

Endowment Accounts
(Funded through generous donations from Individuals and Corporations)

Due to the large budget cut from the State of Texas, the Museum relied very heavily on the interest that is generated from the few Endowment Accounts that the Museum has for operations. Much of the interest earned went to pay for salaries. A goal was sent for FY 2012 to reduce our operating expenses by 39%. The actual reduction was 41%. The goal for FY 2013 is an addition 11% reduction.

We have received several grants/gifts in 2011 and 2012 used in our operations and research.

The Museum of Texas Tech University thanks everyone who has given time and/or money to help the Museum grow. You are very much appreciated. We look forward to a productive year and wish everyone the best in 2013.

Administration Report
By Jamie Looney, Manager for Administration & Finance

The Museum is pleased to announce its newest employees during the 2011-2012 period:

• Larie Adair - Facilities/Technician II
• Sophia Aguayo - Research Technician II
• Sara Armenta - Senior Guard
• Katherine Ehlers - Research Aide
• Jim Gannaway - Documentation Specialist
• Beata Gruszka - Assistant Collection Manager
• Cesario Romo - Custodian
• Miguel Rovira Formento - Research Aide
• Dr. Cameron L. Saffell - Associate Professor & Assistant Director for Operations
• Joe Taylor - Carpenter
• Joshua Wilson - Specialist IV

We also had a very special retirement. Jim Stanton retired after 30 years of service to Texas Tech University and the Museum. Jim, thank you for your many years of hard work and dedication!
Operations and Facilities 2011-2012
by Dr. Cameron L. Saffell, Assistant Director for Operations

2011

Staff
Nicky Ladkin, Assistant Director
Pat Burns, Operations Specialist

Security Staff
Sara Armenta, Senior Guard
Mike Diaz, Guard
Don Harmon, Guard
Kathie Mann, Guard
Larie Adair, Guard/Facilities Technician
Josh Wilson, Guard/Facilities Technician

Custodial Staff
Josie Vara, Lead Custodian
Mary Arredondo, Custodian
George Garcia, Custodian
Jesus Rivera, Custodian
Emilina Sanchez, Custodian
Mary Todd, Custodian
Stella Villanueva, Custodian

2012

Staff
Nicky Ladkin, Assistant Director
Pat Burns, Operations Specialist

Security Staff
Sara Armenta, Senior Guard
Mike Diaz, Guard
Don Harmon, Guard
Kathie Mann, Guard
Larie Adair, Guard/Facilities Technician
Josh Wilson, Guard/Facilities Technician

Custodial Staff
Josie Vara, Lead Custodian
George Garcia, Custodian
Jesus Rivera, Custodian
Cesario Romo, Custodian
Stella Villanueva, Custodian

The Museum facilities were used for numerous activities and events in 2011 and 2012, for in-house purposes, by other departments and offices of Texas Tech University, and community non-profits. The Museum continued participation in the First Friday Art Trail and offered family-friendly programming in conjunction with exhibition openings and film screenings. These have been very well attended, with visitor numbers showing a steady increase throughout the year.

In 2012, the Museum partnered with community organizations such as Msaidia Historical and Cultural Arts Museum and the Hub Theater Group on such ventures as exhibits and performances.

The Museum also hosted exhibitions and events in conjunction with the community-wide “Celebrating Our Heroes” summer-long program in 2012. Over 300 military veterans and their families attended an evening event in June with a Posting of the Colors ceremony conducted by the Lubbock Fire Department and accompanied by Westwinds Brass. In July, the First Army Little Big Band from Fort Bliss provided big band entertainment for another veterans event also featuring two Vietnam-era combat helicopters from TTU’s Vietnam Center and Archive’s collection. An exhibit on the Department of the Army Special Photographic Office also from the Vietnam Center and Archive was presented at the Museum. The events and exhibits were well received in and supported by the local area community.

The Davies Gallery of Southwestern Indian Art underwent remodeling over the summer of 2012 that increased the size of the available exhibit space. In the fall, the Taos/Southwest and African Art galleries were closed for major refurbishment made possible by a gift from Margaret Talkington’s estate administered by the Talkington Foundation. This new gallery space is scheduled to open in the spring of 2013.

The 1923 Ford Model T on exhibit in the On the Home Front exhibition. Photo by Henry B. Crawford
For 2011 the main focus remained the reinstallation of all Anthropology collections into the Collections Room. The geographical regions of Texas were rearranged into blocks of counties divided by human settlement patterns that consisted of Lubbock Lake Landmark proper, Llano Estacado, the Rio Grande River Basin, the Canadian River Basin, the Colorado River Basin, the Red River Basin, the Brazos River Basin, the Nueces River Basin, Northeastern New Mexico, and Southeastern New Mexico. Reinstallation provided the opportunity to repackaging the objects and establishing a new benchmark.

Museum Science Research Assistant Lisa Simmons collaborated with Assistant Collections Manager Patty Rodriguez during this year’s reinstallation process. For each collection, Simmons assigned drawers according to the provenience site, feature, and substratum, for each type of object. She checked each object’s housing and made a plan for the arrangement of objects in each drawer. Simmons also conducted troubleshooting strategies such as: 1) finding out why a barcode did not scan; 2) acting as a detective when an object’s catalog number did not match its tag; 3) looking for duplicate catalog numbers and/or serial numbers; and 4) searching for missing objects.

Museum Science graduate students Amy Doverspike and Ellen Ferrill each had a collection to process. Processing included: assigning catalog numbers as necessary, measuring and sourcing lithics, finding collection documentation, entering information into the database, labeling each object with its catalog number, packaging each object, and installing...
the processed collection into its final housing location. This process provided each student with an excellent opportunity to follow objects from acquisition to final destination.

Landmark Research Assistant Meg Reel has reviewed every object in the San Jon collection from the past 15 years of fieldwork. This process is a necessary check and balance system for analyzing data entry and scrutinizing provenience prior to analysis and publication, as well as exhibit development.

Museum Objects Conservator Cynthia Lopez had two Museum Science graduate student assistants this year, Whitney Farmer and Jennifer Covarrubias, with several projects going at the same time. Farmer excavated two jackets from the 2011 field season at the Lubbock Lake Landmark. The procedure was a painstaking process in which the sediment was removed from the jacket in minute increments using a trowel while constantly misting the area around the objects with a distilled water bottle. Jackets were constructed in the field to encompass unstable or hard to remove objects. The objects remained in the jacket safe from harm until they could be excavated.

The move of a mounted elephant head in one of the Museum’s galleries presented the opportunity for conservation treatment. After years of being on exhibit, deterioration was taking its toll. The elephant ears were brought to the Conservation Lab so that they could be stabilized from further

A prehistoric grass mat from Murrah Cave is transferred from a non-archival wooden board onto crepeline sewn over Plexiglas™.

(L-R) Terri Carnes, Cynthia Lopez, Jessica Covarrubias.

Publications


Professional presentations


damage. Under Lopez’ watchful eye, Covarrubias patched the elephant’s ears that were cracking all around the edges, using a modified technique taken from leather conservation that utilized a conservation resin solution and muslin.

While the conservation assistants worked on their projects, Lopez undertook the conservation of one of the Murrah Cave textiles. The prehistoric textiles from Murrah Cave were fragile and rare due to their age (1,000 - 4,000 years old) and perishable nature of the plant material. The textile undergoing treatment was a mat woven out of long, narrow leaves (probably sotol) and had been placed on a large wooden board. The mat was covered with crepeline fabric and carefully pulled off of the board and onto a piece of Plexiglas™ that eventually will be incorporated into a custom-made box for housing.

In May, Terri Carnes chaired a session at the American Association of Museums annual meeting in Houston that described a holistic reorganization of collections that linked internal documentation to object collections, ensuring that documentation served an integral part of museum collections. Lopez and Rodriguez had poster presentations during the meeting at Marketplace of Ideas, a forum used to exchange information and new ideas, learn more about new museum practices, showcase programs and projects, and build relationships across disciplines.

October brought the Mountain-Plains Museums Association conference held in Helena, MT. Rodriguez chaired a session where panelists offered tips and advice about creating customized housing and solving storage issues. Presenters addressed housing for specific material and collection types, and provided information and advice concerning individual object housing and storage, along with how-to demonstrations. Carnes assembled a double session, chaired by Dr. Eileen Johnson, which focused on the benefits of treating documents in a manner that increases the effectiveness and accessibility of collections. Lopez missed the MPMA conference this year to attend a symposium hosted by the Canadian Conservation Institute in Ottawa, Canada.

Other Professional Activities


Terri Carnes – Secretary, Registrar’s Committee – MPMA, Mountain-Plains Museums Association.


Eileen Johnson – Committee member, Program Committee, 2011 annual meeting of the Mountain-Plains Museums Association, Helena.

Eileen Johnson – Co-Chair, Program Committee, 2012 annual meeting of the Mountain-Plains Museums Association, Corpus Christi.

Eileen Johnson – Committee member, Conference Planning Committee, 2012 annual meeting of the Mountain-Plains Museums Association, Corpus Christi.

Masks must be worn to avoid breathing in fumes, as Museum Science graduate student Jennifer Covarrubias undertakes conservation of an African elephant head mount that was being moved to a different location.
The Anthropology Division has seen a lot of activity in 2012. Assistant Collection Manager Patty Rodriguez continued the installation of objects in the Collections Room due to rearranging of the geographical hierarchy introduced two years ago. This plan will make placement and retrieval of objects easier and more efficient. This year was Rodriguez’s third and last year at the Museum, as she is going back to her home in California. We will all miss her!

In the spring, Museum Science graduate student Timothy Hicks completed a practicum in the division that took the Mound Lake lithic collection (673 objects) from the beginning to the end of the cataloging process. The operation included conducting an inventory, identifying the objects, assigning catalog numbers, labeling the objects, entering the new data into the electronic database, repackaging, and installing all the objects in cabinetry in the Collections Room.

In April, Terri Carnes attended the American Alliance of Museums annual meeting and MuseumExpo in Minneapolis/St. Paul, MN. As Secretary of the Registrar’s Committee of the Mountain Plains Museum Association (MPMA), Carnes attended a variety of committee meetings to network and learn about RC-AAM benefits, activities, and professional development opportunities throughout the year.

In May, the representatives of the Comanche Nation came to the Museum of TTU to meet with division staff for a consultation regarding human remains and grave goods. The consultation was part of the process required under the federal Native American Graves Protection and Repatriation Act (NAGPRA).

Lisa Simmons, Museum Science graduate student and Teaching Assistant, completed a practicum during the summer. Simmons properly housed 22 textiles as a preventative conservation measure. Due to the size or level of degradation of each individual textile, modifications had to be made to the housing process to ensure best preservation. For the majority of the textiles, the same housing method was used, that of the portfolio method. For the larger textiles, a box was made and the textiles were recessed.

At the end of summer, two very large field jackets were moved to the Anthropology Conservation Lab at the Museum from the Quaternary Research Lab at Lubbock Lake Landmark. Landmark Research Aide Katherine Bell Ehlers and a group of summer volunteers excavating at Area 6 at Lubbock Lake Landmark had made the field jackets to protect very fragile ancient bison bones. The bison were associated with a Firstview Period kill/butchering locale dating to around 8600 years BP. The Anthropology Conservator Intern will prepare the jackets and stabilize the bones in 2013.

In October everyone headed for the Mountain-Plains Museum Association conference in Corpus Christi, TX. Carnes and Simmons held a half-day workshop on designing and making custom boxes as a cost-effective approach to housing museum objects. Essentially, this course of action provides a stable environment that may or may not be an enclosed container. Boxes commonly are used in museums that lack adequate housing units to accommodate fragile objects or collections of objects in the collections areas, or to serve as microenvironments as a means of preventive conservation.

Simmons and Rodriguez each presented a poster at the MPMA Poster Session. Simmon’s poster, presented along with fellow Museum Science graduate students Amy Doverspike and Ellen Ferrill, focused on information management and how barcoding reduces information gaps. Rodriguez’s poster highlighted creating in-house exhibits without full-time staff. Topics included developing an exhibit idea from collections, selecting objects, conducting exhibit research, and preparing objects for exhibits.
Publications 2012


Professional presentations


During 2011-2012, the Art Division initiated and continued a comprehensive preventive conservation program for paintings and works of art on paper in its Diamond M Collection. Intern Kirsten Wise from Syracuse University began this project in April 2011 and continued it through April 2012. Jamey Williams, a graduate student in the Museum Science program, became the intern in May 2012. The Diamond M interns inspected the physical condition of each art work, updated condition records, re-framed art works, repaired frames, consulted with professional conservators, encapsulated fragile documents, and added significant new information to the Art database. The internship, archival materials, workshop training and consultation with professional conservators have been supported through a generous grant from the Diamond M Foundation.

The Art Division continued to focus considerable energy on the development of the Museum’s Art Collection. The last two years witnessed ongoing strong growth in the Artist Printmaker Research Collection (AP/RC). The division remains indebted to the combined efforts and support of the Art Collection Committee of the Museum Association, the Helen Jones Foundation, Inc., the Clifford B. Jones Memorial Endowment, and numerous individual donors, especially artists. During 2012, the Art Division acquired and accessioned 1,934 original works into its collection plus archival materials relating to the Artist Printmaker Research Collection. Selected highlights follow:

- Through the Art Collection Committee of the Museum Association and with funds provided by the Helen Jones Foundation, Inc., five sculptures (two by Willie Parrish and one each
photogravures and collages by Karin Broker were added to the collection of contemporary Southwest art.

New acquisitions for the Artist Printmaker Research Collection included the following donations by artists: 24 original prints by James Pace of Tyler, TX; 87 works by Kathryn Maxwell of Tempe, AZ; 164 prints, drawings and sketchbooks by Robert Dale Anderson of Austin, TX; eight works by Jane Abrams of Albuquerque, NM; 115 art works and related materials by Eldon Cunningham of Denver, CO; 343 original prints and drawings by Linda Guy of Fort Worth, TX; four recent works by Thomas Seawell of Commerce, TX; 99 prints and drawings by Kathryn Polk of Tucson, AZ; three prints by Barbara Payne-Ward of Amarillo, TX; 61 prints, drawings, and plates by Katherine Liontas-Warren of Lawton, OK; seven prints by Lynwood Kreneck of Lubbock, TX; 20 original prints by Ron Fundingsland of Bayfield, CO; 193 prints, including three portfolios, by Kenneth Hale of Austin, TX; 41 intaglio and linoleum reduction prints by Spencer Fidler of Las Cruces, NM; 85 prints, drawings, and linocut by Robbie Barber, Ovidio Giberga, and Kurt Weiser, 20 works on paper by artist and doctor Eric Avery, M.D., seven photographs by Keith Carter, three ceramic sculptures by Don Reitz, and a portfolio of eight photogravures and collages by Karin Broker.
Among other new accessions were donations including: 178 original prints transferred from the College of Architecture; a watercolor by Millard Sheets donated by Dr. and Mrs. Gasser of Forth Worth, TX; an etching by Moishe Smith donated by Jane Abrams; an intaglio by Ludwig Meidner and a monotype by Gregory Amenoff donated by Albert Kogel; three prints by Linda Lyke for the ColorPrint USA collection donated by the artist; two paintings by Jeff McMillan, donated by the artist; two works on paper by Kenneth Dixon donated by Richard Jespers; and five works on paper by John Sloan, Grant Wood, Gene Kloss and Adolf Dehn donated by Nancy L. Stewart.

As part of the Museum Association Collection, the Art Division received from the Margaret Talkington estate 32 paintings by a significant range of artists, many who worked or lived in the Southwest, including Clark Hulings, Millard Sheets, Wilson Hurley, Leon Gaspard, Nicolai Fechin, and Fremont Ellis.

and plates by Karin Broker of Houston, TX; 102 prints, watercolors and drawings by Kenneth Dixon of Lubbock, TX; 20 original prints by David Newman of Dallas, TX; and 270 prints donated by Melanie Yazzie of Erie, CO.

- Garo Antreasian donated 40 drawings and prints from works in his personal collection. These included works on paper by Clinton Adams, John Sommers, Frank McCulloch, Leonard Lehrer, Janet Maher, and Harry Nadler, all of whom worked in New Mexico.

- 196 original art works were purchased with funds from the Clifford B. Jones Memorial Endowment, including: 145 photographs by Rick Dingus; five Peter Hurd sketches from World War II; a sculpture by Ovidio Giberga; a drawing by James Drake; five prints and drawings by Albert Kogel; 31 prints by Lynwood Kreneck; three works by Charles Schorre; three works by John Craft; a print by Mel Chinn; and a work on paper by Luis Jimenez.

The Art Division organized four exhibitions during 2011-2012:

- **War Babies**, Museum of Texas Tech University (June 2012 – continuing)
- **Neighbors**, Museum of Texas Tech University; included nine works from the Museum's collection (October 2011 – May 2012)
- **Vision and Style: The Margaret Talkington Art Collection** (June-August 2011) presented recent donations of paintings and works on paper from the Talkington estate  
  **Check Up I & II: Recent Additions to the Art Collection** (December 2010 – May 2011), surveyed the Museum’s art acquisitions from the last five years.

Above: **Nicolai Fechin**, *Peasant Girl*, 1920-1923, (oil on canvas; 828x725 mm). Gift of the Margaret Talkington Estate. Photograph courtesy of the Museum of TTU Art Division

Left: **Leon Gaspard**, *Street Scene*, 1914, (oil on canvas mounted on panel; 660x560 mm). Gift of the Margaret Talkington Estate. Photograph courtesy of the Museum of TTU Art Division
Selected Activities of Art Division Personnel 2011-2012

Peter S. Briggs, Helen DeVitt Jones
Curator of Art

- Art Dispatching – on-going contributions to this web-based art publication in Central Europe.
- Zaujímavé…Odzbrojujúci…Zaujímavé..., Galéria Cypriána Majerníka, Bratislava.

Exhibitions Curated
- Neighbors (October 2011 – May 2012) Museum of Texas Tech University
- Check Up II: Recent Additions to the Art Collection, 2005-2010 (February-May 2011), Museum of Texas Tech University
- Vision and Style: The Margaret Talkington Art Collection, (June 2012), Museum of Texas Tech University
- Just Not Yet, Landmark Art Gallery, School of Art, Texas Tech University
- War Babies (June 2012-2013), Museum of Texas Tech University

Symposia
- Organized and chaired a panel, “Creating Histories of Contemporary Prints,” at the Southern Graphics International annual meeting in New Orleans, LA.

Lectures
- 12 guest lectures or gallery talks for Texas Tech University classes for the following faculty: David Lindsey, Stacy Elko, Carol Flueckiger, Sang-Mi Yoo, Dennis Fehr, Nancy Slagle, Cameron Saffell, and Matt Renick/Terri Carnes
- Two public tours of the Peter Hurd World War II Sketches exhibition

- Presentation and panelist for Print Convergence, University of Texas School of Art and Art History, Austin
- Public tour of the Davies Gallery of Southwest Indian Art.

Awards
- Appointed Fulbright Specialist candidate for five-year period, U.S. Department of State, Bureau of Education and Cultural Affairs.

Professional Services
- Museum Assessment Program Peer Reviewer (American Association of Museums/Institute of Museum and Library Services) for the Art Museum of Southeast Texas, Beaumont
- Oracle for the Center for the Future of Museums, American Association of Museums
- Attended annual meeting of the American Alliance of Museums
- Search Committee member for Assistant Professor of Museum Science, Museum of Texas Tech University

Exhibition of Original Artwork
- Marred Geometry, Atlas Fine Art Services, Tucson, AZ.

Professional Memberships
- College Art Association
- American Association of Museums
- International Council of Museums
- Art Museum Curators Association
- Southern Graphics International

Classes Taught
- Curatorial Methodology (MUSM 5334)
- Museum Practicum (MUSM 5328)
- Research (MUSM 7000)
- Internship (MUSM 6001)

Graduate Committees
- Chair: Selena Capraro, Marissa Díaz, Jamey Williams, and BriAnna Satterfield
- Member: Adriano Molina, Joshua Thacker, and Maria Vallejo

Miscellaneous
- Featured in article, “Texas Tech Museum Combines Art and Research in New Collection” in Texas Tech Discoveries (Spring 2012)
- Served as Vice-President for the Larry E. Elsner Art Foundation

Jamey Williams, graduate student employee and Diamond M Foundation Intern
- President and member, Museum and Heritage Student’s Association
- Coordinated and taught relief printmaking for the Museum’s Art & Soul program August to December 2011 and 2012.
- Volunteer in the Education Division and its events, including Art & Soul, Steve McCurry lecture, Science Made Simple, and CSI Camp
- Cataloger for Vivian Cooke collection
- Transported art for MoTTU Association annual show at the Lubbock Civic Center
- Attended Mountain Plains Museum Association annual conference
- Attended two workshops on paper conservation and print identification at the Northeast Document Conservation Center
- Freelance photography for artist documentation
- Memberships in Museum Plains Museum Association and American Alliance of Museums
- Awarded Museum Science scholarship

Kirsten Wise, MA, Diamond M Foundation Intern
- Attended workshop, August 17-19, 2011, Focus on Collections Care, presented by the Balboa Art Conservation Center, San Diego, CA
- Attended annual meeting of the American Alliance of Museums.

Rick Dingus, Field & Pasture, Lubbock, TX, 1992, (chromogenic print soluble crayon; 405x507 mm). Museum purchase with funds from the Clifford Jones Memorial Endowment. © Rick Dingus. Photograph courtesy of the Museum of TTU Art Division

Annual Report 2011 & 2012
The Education Division was extremely busy in 2011 and 2012. The division consisted of four staff members, two interns, three planetarium operators, four Museum Science Program students, and numerous volunteers working on multiple tasks and events.

We had over 10,000 people from Abernathy ISD to Willow Bend Elementary attend the planetarium shows and/or visit the museum galleries with their school/groups. Groups ranged in age from two to adult. Public programs, and laser and planetarium shows attracted over 19,000 individuals.

Dr. Hoffman continued as instructor in the graduate program for Museum Science students. In addition to her other duties, she presented outreach programs for the area schools and served on the university committee for Back to School Fiesta, and participated in Service Learning. She also brought in Dr. Paul Zolbrod for a talk in the Davies Gallery as the final installment of The CH Foundation Gallery Talk Series.

Audra Dyer, Brittany Chunn, and Cara Sanders were kept busy with their duties; some of their accomplishments are highlighted by the photographs in this article.

We welcomed and said good-bye to interns Natalie Toth (education specialist) and Melissa Barton (docent program research). Toth’s area of expertise was dinosaurs and geology; she planned and taught Spring Break activities and summer camps in addition to tours of the dinosaur gallery. She also began a Museum Education blog, found at http://museumttublog.com. Barton began work on development of a docent manual for use with the new docent program that will be launched in 2013.

Staff members participated in outreach through the National Ranching Heritage Center, the Lubbock Arts Festival, TTU Back to School Fiesta, Cannon Air Force Base, Texas Region 17 Education Service Center, Barnes & Noble presentations, American Alliance of Museums, Mountain-Plains Museum Association, Informal Science Educators Association, National Parks Service, South Plains Educational Resource Collaborative, South Plains Astronomy Club, West Texas Watercolor Society, and local community centers and children’s facilities.

In addition to events featured in the photographs,
the education staff was busy with the following: First Friday Art Trail (FFAT). Movies and/or crafts. FFAT was also used to promote upcoming monthly events.

Traveling Exhibition
We Are the Ship: The Story of Negro League Baseball
- Take Me Out to the Museum Family Day
- Larry Lester lecture on a personal perspective of Black baseball
- Black College Baseball panel discussion with the College Baseball Hall of Fame
- First Friday Art Trail Movie – The Jackie Robinson Story (1950)

The “Up from the Basement” exhibition “They Weren’t Always White” — Wedding Attire from the Museum’s Collection
- Cynthia Amneus, Curator of Fashion, Cincinnati Art Museum, lecture on the evolution of the wedding dress
- Monthly gallery talks by Mei Campbell or Research Aide Daniel Zies
- An Afternoon of Bridal Attire including Bridal Fashion Show

Special Exhibition
Deadly Medicine: Creating the Master Race, from the United States Holocaust Memorial Museum
- Lectures by: Dr. Clyde Snow on Twins; Dr. Dieter Kuntz about the USHMM; Dr. Ian Hancock on Gypsies; Dr. Lynne Fallwell on Midwives; and Paul Lombardo on Eugenics.
- First Friday Art Trail Movie – Escape from Sobibor (1987)
- Docent Training by United States Holocaust Memorial Museum personnel
- Docent tours for general public on second Saturday and fourth Sunday each month.
- Guided group tours by appointment
- Panel presentation with Marc Masurovsky and Martin Dean
- My Dear Kitty, a one-act radio play, written by Charles Muster
- Interfaith panel with Dr. Tom McGovern, Dr. Lynne Fallwell, Rev. Ted Dotts, and Dr. Anne Epstein
- Panel discussion on Women’s and Children’s Issues with Jennie Hill, Dr. Kasi Howard, and Tony Thorton
- Book club meeting – Children of the Flames
- TTU History and other classes met at the Museum to tour the exhibition

Traveling Trunks program continued through 2012.

The events above could not happen without financial help. Thanks go to The CH Foundation, Inc., and the Helen DeVitt Jones Foundation, Inc., for their generous support, as well as the Museum and the Museum of TTU Association. Also, in 2012, the Moody Foundation provided funds to upgrade the Moody Planetarium.
The Ethnology and Textiles Division continued to be engaged in several long-term, on-going collections care and research projects this year. The highlight of 2011 for the division was the planning, development, and installation of a 12-month exhibition titled “They Weren’t Always White”—Selected Wedding Attire from the Museum’s Collection.

In keeping with the current condition and long-term preservation goals for the wedding attire collection, the decision was made to divide the exhibition into four, three-month segments so that each of the 45 garments chosen would be exhibited for a maximum of three months, and several would only be on view for one month.

The wedding garments and assorted accessories, dating from the 1830s to 1948, were chosen:

- As representatives of the fashion styles for their period
- For their uniqueness
- For the information available about the original owners
- With consideration for their condition

Out of those garments selected, 12 were stabilized, reinforced, and other minor repairs were done. Detailed documentation of the stabilization work and videotaping of the procedures on several garments allowed Research Aide Daniel Zies to create a short film titled Behind the Seams: How to Prepare Dresses for an Exhibition. Narrated by community volunteer Becky Campbell, the film was integrated into the exhibition.

Funding from Helen Jones Foundation, Inc., enabled the Museum to secure 18 conservation mannequins. Although the forms did not come with heads, hands, and feet, the collective ingenuity and creativity shown by Zies, student assistants Katherine Krieger and Lorna Slupczynski, and community volunteer Daniel Hogan furnished the mannequins with heads and hairstyles appropriate for each garment’s period. The heads were accompanied by the appropriate veils, hats, and hair accessories. Also, hands were created for gloves, fans, and purses.

Realizing that visitors would only be able to view less than a dozen garments on any given day, every effort was made to ensure that they could understand and appreciate the theme and scope of the exhibition. To incite their interest and to entice them to return during the 12-month
period, visitors were asked to vote for their favorite wedding dress on exhibit. A ballot system was used to solicit visitors’ input.

In October, the E&T Division blog—http://ethnologyandtextilesttu.com—was launched. Designed by Zies, the blog is intended to inform the public about the division’s 100,000-plus objects and the activities of the division. All E&T staff have contributed to the blog. In the Current Exhibits section is a brief introduction to “They Weren’t Always White” exhibition. Another voting mechanism was integrated into blog to allow visitors to choose their favorite wedding dresses. Since its inception, there have been over 2,500 visitors to our blog and many have voted for their favorite dresses. The wedding dress chosen by Museum visitors and on our blog was showcased in May 2012 at the end of the exhibition.

Building on the foundation of this success effort, the E&T Division is actively exploring opportunities to develop this exhibition into a traveling version. Toward this goal, Mei Campbell presented a PowerPoint™ presentation of the exhibition “They Weren’t Always White” to the National Museum of Natural Science at Taichung, the National Center for the Arts and Crafts Research at Nantu, The National Taiwan Museum at Taipei, and the Chimei Art Museum at Tainan, Taiwan. Two of those museums have expressed interest in collaborating with the Tech museum to develop a wedding dress exhibition.

The wedding attire exhibition generated excitement in community citizens and collectors and beyond. Many have asked about donating wedding dresses, and other clothing and textiles items to the Museum of TTU. “They Weren’t Always White” has proven to have had a positive impact on the continue growth and upgrading of the Museum’s collection. Among the items donated are:

- Five wedding dresses worn by five generations of brides in one family
- A wedding dress wore by two sisters, a niece, and a family friend
- An 1890s black wedding dress never worn by the prospective bride
- Two wedding dresses worn by two sisters

It seems that another wedding attire exhibition may be on the horizon!
Long-term ongoing collections care and research projects in the E&T Division continued to make progress this year. However, with the Museum’s reinvigorated focus on developing exhibitions showcasing each division’s collections, the E&T Division continued to focus on the development and installation of four different exhibits.

A commemorative exhibition on the WWII effort in West Texas entitled *On the Home Front* opened to the public in June of this year. The renovation of the Davies Gallery of Southwestern Indian Art opened a new special exhibition entitled *Tradition and Innovation – the Ever-Evolving Navajo of the Southwest* in the spring. Another yearlong special fashion exhibition *Little Black Dress* will be unveiled to the public in late January 2013. The redesign and renovation of the Davies Gallery of Southwestern Indian Art, scheduled to open in early 2014, began in earnest in 2012.

Development of each exhibition encompasses many phases. Initial brainstorming includes a comprehensive evaluation and research of the collections to generate possible themes and story lines for the exhibits. Once the theme of each exhibition is decided, more in-depth research and analysis of the collection must commence. This includes condition examination and evaluation of each collection to select objects that can best be used to interpret and illustrate the storyline. To ensure the long-term preservation of the objects used in each exhibition: stabilization work is performed where it is deemed necessary; custom-made exhibit mounts are created to provide appropriate support; objects are examined for condition before and after exhibiting; stabilization proposals and worksheets are created as necessary; documentation is generated (duration, location, and exhibit title); and research results for each object are entered into the divisional databases. Most importantly, each exhibition is a team effort; all the staff of the E&T Division have been actively involved in many, if not every, phase of planning and developing exhibitions.
The success of the wedding attire exhibition has generated renewed interest in the Museum’s Ethnology and Clothing & Textiles collections. In 2012, a total of 14 new acquisitions were donated to the Museum’s E&T Division. Outstanding among the new acquisitions are many wedding garments: the Carey-Quade family’s five wedding dresses spanning a century; a handmade 1899 black wedding dress that Ellie L. Hughes never wore; a 1958 wedding dress worn by Mrs. Reynolds and her sister, niece, and a friend; two wedding dresses worn by the Ross sisters; a 1926 wedding dress worn by Mrs. R.L. Davidson (née Ford); and a 1890 three-piece wedding suit worn by C. K. Todd with copies of the marriage certificate and wedding invitation. In the Ethnology Collection, the addition of five Chimayo and Navajo textiles donated by J.D. Brooks and five Acoma, Hopi, and Zuni pottery from the Talkington Charitable Foundation further strengthen the division’s Southwestern ethnographic collections.

The capable assistance of Lauren Callahan as a graduate intern in E&T allowed Mei to continue her teaching responsibilities at Fu-Jen Catholic University and in the Museum Science Program. Mei offered two graduate courses at Fu-Jen: “Textile Conservation–Principles and Practices” at the Department of Clothing and Textiles, and “Museums and The Media–Facts and Fictions” at the Graduate Institute of Museum Studies. In May, Campbell offered an intensive course on Material Cultural Studies in our Museum Science Program. While in Taiwan in the spring, Mei also offered two workshops at the National Palace Museum’s newly established branch museum.
**Exhibits Division**

Denise Newsome, Curator of Exhibits, and James Stanton, Senior Exhibits Technician

Promotional and documentation photos courtesy of the Museum of TTU

**Traveling Exhibitions 2011**

**Deadly Medicine: Creating the Master Race.**
From the United States Holocaust Memorial Museum, Diamond M Gallery. February 20 - August 7, 2011

**We Are the Ship: The Story of Negro League Baseball.** Tour by Smith Kramer Traveling Exhibitions, Kansas City, MO, Balcony Gallery. June 5 - July 31, 2011


**Latino Folk Tales: Cuentos Populares.** Tour by Smith Kramer Traveling Exhibitions, Kansas City, MO, Balcony Gallery. November 27, 2011- February 5, 2012

**Community Exhibitions 2011**


**Hands-On Africa by All Saints Episcopal School,** Gallery 101. May 2011

**Preview of Making Christmas Fantasies Come True.** From the Lynn Haney Collection of Santa Claus sculptures, Gallery 6. October 2011

**Making Christmas Fantasies Come True.** From the Lynn Haney Santa Claus Collection, Galleries 3 & 6. November 11 - January 8, 2012

**In-House Exhibitions 2011**

**“They Weren’t Always White” - Wedding Attire from the Museum’s Collection.** An “Up from the Basement” exhibition, Gallery 1. June 2011-May 13, 2012


**Playtime Memories,** An “Up from the Basement” exhibition, Gallery 6. January 2011

**Discover It! Case…”Date Nails,”** An “Up from the Basement” exhibition, Gallery 5. January 2011

Discover It! Case—“Locust!” An “Up from the Basement” exhibition, Gallery 5. April 2011

Discover It! Case—“Pseudoscorpion from Yosemite,” An “Up from the Basement” exhibition, Gallery 5. May 2011

Colorful Kite Tales, An “Up from the Basement” exhibit, Gallery 101. June 2011


Neighbors—Selections from the Art Division Collection, An “Up from the Basement” exhibition, Gallery 4. October 2011


Nests and Eggs, An “Up from the Basement” exhibit, Explorium Gallery. April 2011

Romancing the West, An “Up from the Basement” exhibition, Gallery 2. January 2011


Chernobyl, 25 Years Later—Biological Legacy of a Nuclear Meltdown, An “Up from the Basement” exhibition, Gallery 2. September 2011


Traveling Exhibitions 2012

Wizards of Pop: Sabuda and Reinhart. National Center for Children’s Illustrated Literature, Abilene, TX, Gallery 2. April 15 - June 30

The Magic of Pop-up Books by Bruce Foster. From Bruce Foster, Gallery 101. May 4


Peter Hurd World War II Sketches. From Michael Hurd, Gallery 5. June 16 - September 16

Civil War Era Drawings from the Becker Collection. Balcony Gallery. June 16 - August 12


Black Wings: American Dreams of Flight. Smithsonian Institution Traveling Exhibitions (SITES) production; supported by MetLife Foundation, Balcony Gallery. August 25 - November 18


Community Exhibitions 2012


Lubbock Remembers, Gallery 7. June 16 - November 18

Msaidia Historical and Cultural Arts Museum. Ethnohistory Gallery. October 5 - January 2013

DASPO: Department of the Army Special Photographic Office. From the TTU Vietnam Center and Archives, Gallery 5. October 5 - January 2013

“Happiness is a Warm Puppy” —Charles M. Schultz, Gallery 101. December 7, 2012 - January 2013
In-house Exhibitions 2012


Honor Wall for Veterans, Gallery 101. June 16 - November 18


The Museum hosted Community exhibitions like The Year of the Girl (left top) and Msaidia Historical and Cultural Arts Museum exhibit (below).

Left: To expose Museum research for the public, the Museum opened the twin exhibition Sacred Places and Ancient Texts—The Rock Art of Cowhead Mesa at the Museum and the Lubbock Lake Landmark.
During the year 2011, the History Division grew and changed dramatically. The year started off with the close of Playtime Memories, a creative exhibition of children’s toys and games, and Date Nails, a Discover It! Case, which displayed over 75 years of railroad history in one small box. In May, State of the Art gave visitors a glimpse at technologies that were current for their times, seeking to identify the social significance of these old “new” technologies beyond their inventiveness.

A large-scale reorganization project in the Large Item Collection Wing devoted to large historical items produced a divisional Action Guide. Within this guide, a new model for History Division collections management was created and employed. Strategies for movement, photography, exhibition, and processing, made more complex by the inclusion of larger objects such as automobiles, agricultural/industrial processing equipment, and furniture were crafted, outlined, and employed. The result of this project created a safer and more efficient space for those working in the History Division.

Curator Henry B. Crawford and student Maria Vallejo participated in a Veterans Day program at Waters Elementary School. Vallejo, an Iraq War veteran, talked to students about her experiences in the war, while Crawford discussed WWII living history and material culture. Brian Briggs attended the Oral History Workshop hosted by the Silent Wings Museum in November. He also created an oral history procedure manual with biographical information forms and supply requisitions.

Selected 2011 Acquisitions

- Collection of WWII American correspondence from a POW camp
- Case of 12 unopened Pearl bottled waters from 1970 Lubbock tornado recovery
- Iver Johnson .32-caliber revolver
- Harrington and Richardson .22-caliber revolver
- Collapsible baby buggy, ca. 1910
New students joined the History Division in 2012. Tim Hicks served as the History Division student Team Leader. Second-year student Erick Lozano from Arlington finished his coursework. Amber Royall and US Navy veteran Walter Nicolds joined us in the fall.

In the summer and fall of 2012, the History Division presented the exhibition On The Home Front, which featured a variety of WWII objects from the collection, telling the story of life in West Texas during the war years. The division also exhibited its popular Model T Ford auto to illustrate the use of older vehicles during the period of wartime austerity. A central feature of the WWII story focused on a local man, Lt. Quentin Burgett, a B-17 bomber pilot. Lt. Burgett was shot down over France in December 1942 and spent the remainder of the war in a German POW camp. His correspondence from the POW camp was exhibited, as well as communications from the US War Department to his family here in Texas.

Curator Henry Crawford, 2011 Team Leader Brian Briggs, and Museum Science students Lauren Callahan, Erick Lozano, Josh Thacker, and Maria Vajello conducted a presentation at the Texas Association of Museums (TAM) annual meeting in San Antonio. Crawford conducted a living history workshop at the Eiteljorg Museum in Indianapolis, IN. He also hosted the military and Civil War film series at the Museum of TTU. Crawford served on the board of the Mountain-Plains Museums Association as chair of the Mentoring Program and represented MPMA on the TAM board.

Selected 2012 Acquisitions
- Associated Press Teletype machine
- 11 scale model vintage cars
- WWII cartridge belt
- Sheet music for Over There, dated 1918
- Gilfillan Bros. Model 6L radio
A s part of the Landmark’s regional research program, several locations on the Southern Plains were investigated this year. In the spring, the research team conducted field investigations at Adair-Steadman, Arena, San Jon, and Tahoka Lake.

The regional field crew spent a week at Adair-Steadman, an important Folsom campsite/workshop site located near Roby, Texas. Several test-units were excavated to ascertain if intact Folsom-age deposits were present. At the Arena site, a multi-occupational hunter-gatherer campsite overlooking Mustang Draw near Stanton, Texas, the research team conducted excavation of hearth features and survey of the site in search of evidence to document past cultural activities spanning the last 12,000 years. The regional crew revisited the San Jon site in New Mexico to finish up stratigraphic mapping along the remnants of the playa. The discovery of a Firstview Paleoindian projectile point eroding out in an area with extinct bison remains was quite exciting; trying to finish up over 14 years of fieldwork at San Jon is proving difficult! A survey of the entire Tahoka Lake site near Tahoka, TX, was completed and several new areas were documented including new Ogallala Formation lithic procurement localities and hearths and grinding stone eroding out of Mammoth Creek. The discovery of these new areas and features demonstrated much more remains to be learned at Tahoka Lake.

The 2011 field season was one of the wettest summers on record marked by the flooding of the South Fork of the Double Mountain Fork of the Brazos River. The extreme climatic changes from field season to field season were difficult to predict but simply are part of conducting fieldwork on the Southern Plains.

In June, the regional field crew continued investigations at Roland Springs Ranch Locality 1 (RSR-1) near Snyder, Texas. Fieldwork began with the expansion of the excavation block removing over eight feet of overburden to expose a new 14’ x 22’ area for excavation. Excavation produced an abundance of specimens both large and small. The three-toed horse *Nannippus* was again the most common mammal larger than a rabbit, and numerous teeth and limb elements were uncovered. Giant tortoises, the most common taxa found at RSR-1, provided valuable environmental information, as tortoises of this size, unable to burrow, cannot survive freezing.
temperatures. Additional significant finds included teeth of an extinct cat and extinct mole.

In July excavations at the Landmark in Area 6 continued to uncover new and exciting finds dating to the Paleoindian Period. A complete pronghorn mandible was recovered, associated with a pronghorn long bone displaying a helical fracture that suggested processing for marrow extraction or bone tool production. Lithic debitage found in the same levels as the pronghorn remains further suggested butchering activities were taking place along the margins of the Yellowhouse Draw at the Landmark. Because pronghorn kills for this early time are unknown in the region, the Area 6 remains could prove to be very significant. A concentration of lithic debitage and bison remains above the pronghorn feature, and discovery of lithic debitage below the pronghorn feature suggested two other cultural activity features that also will need to be documented further next summer at the Landmark.

At the Post, Texas, research area from June-August, the field crew continued the survey and excavation of sites dating to the past 12,000 years. This summer was spent collecting additional and important information related to animal assemblages dating to the Late Pleistocene (ca. 11,500 years ago), the Protohistoric Period (ca. 500 years ago), and the Historic Period (ca. 120-100 years ago). In addition, the field crew documented numerous soil profiles and collected samples to examine past climatic and landscape changes.

At Macy Locality 100, the research team made several exciting new discoveries within the late Pleistocene deposits. Bones of several extinct North American animals were found, including extinct horse, giant peccary, box turtle, and

Lubbock Lake Landmark

Publications


Professional Presentations
Ehler Bell, Katherine (2011). A Multi-Component Rock Art Site in Garza County, Texas. Presented at the First Annual Arts and Humanities Graduate Student Research Conference, Texas Tech University, Lubbock.


the western camel. While limb bones from the western camel are known from late Pleistocene sediments, the crew discovered an intact skull and most of the neck vertebrae, an unusually rare find.

Continued excavation of the Protohistoric-age Macy Locality 126 provided new and important discoveries. Several ceramic sherds with evidence of fingernail impression designs were discovered along a previously uninvestigated eroding edge of the site. Although the most common type of pottery found in this region is Puebloan to the southwest, this type of pottery appeared associated with Caddoan peoples to the east. The discovery of this pottery type potentially indicated social interactions with or trade networks that extended farther to the east than previously documented.

Several localities were investigated this summer through metal detector survey to recover important information about some of the first historic ranchers and Anglo-American settlers of the region. At Macy Locality 16, several clusters of .45-caliber cartridges and concentrations of wagon hardware indicated this site is an intact early cowboy camp. At the KLC Locality 1, one of the region’s earliest dugouts was surveyed and mapped. The documentation of these early historic sites will provide a glimpse into the life and time of the first ranchers into this region.

**Landmark Education**

The Landmark’s 75th Anniversary of Discovery was celebrated in 2011 with the introduction of two new programs, *Life on the Plains* and *Discover*. Both programs were designed to introduce visitors to the cultural and natural heritage of the Landmark and Southern High Plains. *Life on the Plains* engaged visitors with hands-on activities and outdoor programming that mesmerized, encouraged, and promoted life-long learning.

During the months of January, February, and March, visitors participated in a study of the region’s ancient ecosystem. Landmark Director Dr. Eileen Johnson and Landmark Regional Field Manager Dr. Stance Hurst engaged visitors in discussions about the ancient flora, fauna, and the Paleoindians who thrived in the region. Younger visitors learned about the ancient ecosystem with the help of floor puzzles and other activities. All visitors were encouraged to connect with the modern ecosystem with outdoor scavenger hunts and nature journaling. Dr. Susan Tomlinson engaged visitors with lessons on how to read the landscape and capture its beauty on paper.

*Creepy Crawlers, Winged Residents,* and *Native Plants* were topics for discussion in April, May, and June. The South Plains Chapter of the Texas Master Naturalists, together with Wesley Anderson, described insect behaviors in April. Jerry Hatfield took visitors on a dragonfly excursion in May followed by Dr. Willa Finley’s lecture on edible and medicinal plants of the Southern High Plains in June.

Archaeology and the Archaic cultural period were the focus for July and August. The Landmark’s annual tours of the excavation area and research lab allowed visitors a behind-the-scenes experience. Dr. Paul Backhouse, archaeologist for the Seminole Tribal Historic Preservation Office and former Landmark Senior Crew Chief, traveled back in time to the Altithermal (an extended period of intense heat and drought) about 4,800 years ago. He recreated a Middle Archaic traditional fire hearth, discussed climate change, and demonstrated traditional cooking methods.
Historic cultural periods were the focus during the months of September, October, and November. Dr. Frances Levine, Director of the New Mexico History Museum, and Dr. Johnson introduced visitors to the Pastores of the Southern High Plains. Pastores were the New Mexican sheepherders who migrated to Texas in the late 1800s. Ken Pollard, Regimental Chaplain, 9th Regiment U.S. Calvary, set up camp and discussed Buffalo Soldiers in the past and today. Storyteller Eldrena Douma shared traditional stories passed to her by her pueblo elders and family members. Dr. Scott White shared his oral history expertise and encouraged visitors to talk with family members and create a record for future generations.

The final installment of the 75th Anniversary Extravaganza was held in December. Dr. Johnson and Dr. Hurst discussed research and other ventures in the Landmark's future. School programs, both on- and off-site, accounted for approximately 33% of the Landmark's visitorship. During March's Spring Break Fest, students ages 7 through 11 explored the Sun's energy, learned plant identification skills, and traced animal tracks. Environmental Awareness Week for school groups in May focused on prairie ecosystems, and participants met residents of the South Plains Wildlife Rehabilitation Center and learned about predators and scavengers. The Landmark education division partnered with local municipal libraries in Lubbock, Ransom Canyon, and Ralls to promote summer reading. “Digging up a Good Book” was the statewide summer reading theme; the Landmark participated with hands-on activities that focused on archaeology and cultural heritage of the region.

Summer youth programs were offered for six weeks to students ages 6 through 12. These programs were developed and taught by Museum Education interns Erica Restum and Ardath Lawson, and students participating in science and social studies methods classes taught in the Texas Tech University’s College of Education. Summer youth programs’ students, ages 11-12, participated in an international art competition hosted by the Turkey Vulture Society. Two of the Landmark students placed 1st and 3rd with their creations. First place was awarded to Jackson Rigney for his illustrated comic strip “How Turkey Vultures Became Bald: A Modern Native American Myth.” Third place was awarded to Alliana Johnson and her sculpture “Vultures and Cactus.” Landmark education staff developed a summer-long program for students from the Covenant Hospital’s Summer Learning Center, Thursdays at the Landmark. These students, ages 5-11, were engaged in learning about the cultural and natural heritage of the Southern High Plains through hands-on activities.

Operations

As soon as new plants started to emerge with the coming of spring weather, the final interpretive signs were placed on the Llano Estacado Wildflower Trail and work began on repairing and staining all of the benches and picnic tables that spread across the Landmark’s 335 acres. Although spring is notable every year for the flurry of preparations for the summer field season, this year was particularly busy.

Before volunteers arrived at the end of May, operations staff completed several projects in and around field camp including painting the exteriors of all of the buildings, refurbishing the showers, and building a new double door for the kitchen. Throughout the summer staff members repainted half of the 20 rest kiosks that dot the Landmark landscape and built new gates for the Landmark’s three driveways. Work also started on clearing the overgrowth of non-native Siberian elm trees in the area of the Archaeological Trail. While many of these projects were planned well in advance, surprises popped-up.

In July the well that supplies the field camp had to be replaced. Because the structure that houses it was built after the well was last “pulled,” the roof had to be disassembled to allow work on the well. After the task was completed, a new roof, complete with a roof hatch this time, was added to the pump room. October’s surprise haboob left behind a peeled-away roof on a building used as

(cont’d on p. 52)
LUBBOCK LAKE REPORT 2012

by Susan Rowe, Education Program Manager, Deborah Bigness, Operations Manager, and Dr. Stance Hurst, LLL Regional Research Manager

Photos by Stance Hurst, Matt McEwen, Jeff McGregor, and Susan Rowe.

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Terri Darling – QRC
Ashley Eckardt – QRC
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Interpretive Center Volunteers

Don Bartlett
Shirley Bunting
Jerry Hatfield
Yelesa Kuryatikova
Kim Shank
Barbara Teel
Leslie Needham
Dr. Jim Goss
Sherry Tenneyson
Carol Burgett

South Plains Chapter of the Texas Master Naturalists

Quaternary Research Center Volunteers

Cecilia Guerrero
Nate Singleton

Education

With less than 5% of its archaeological record revealed, the Landmark continues to provide researchers, students, and visitors with research opportunities, hands-on activities, and outdoor programming to mesmerize, encourage, and promote life-long learning.

It was another year of celebrations in 2012 as the Landmark partnered with the South Plains Astronomy Club in hosting the Annnual Eclipse Party and the South Plains Wildlife Rehabilitation Center. Over 2,000 visitors, that included photographers as far away as Japan, patiently waited for the opportunity to witness the eclipse using special viewers, telescopes, and welding masks. Landmark visitors celebrated both the Year of the Bat and International Migratory Bird Day with friends from the South Plains Wildlife Rehabilitation Center and learned how bats are beneficial, and why it is important for migratory birds to have adequate food and water sources during migration. The year 2012 also marked the 40th anniversary for the Landmark’s Director Dr. Eileen Johnson. In 1972 she established the current research program at the Lubbock Lake site, a 30-acre preserve. She has spent a lifetime conducting research, sharing her knowledge, and recording the natural and cultural history of this region. Under her care, the Landmark has grown from that small research site to a world renowned research landmark of over 300 acres and changed names to the Lubbock Lake Landmark. Dr. Johnson was very surprised by a luncheon in her honor given by the Landmark staff.

Students participating in Summer Youth Programs were given the opportunity to help provide children who are seriously ill, traumatized, or otherwise in need by designing two quilts for the Lubbock Project Linus. Thanks go to Rose Barnett and Rachel Denton, our grandmother/granddaughter local quilters and members of the Lubbock chapter. Rachel, a 9 year old, is a regular quilt exhibitor at the South Plains Fair and received Best in Show honors in her age group in 2011. She also is a regular participant of Summer Youth Programs at the Landmark. With help from her grandmother Rose, Rachel provided quilt squares and instruction on how to sew them together for her fellow Summer
Youth students. Everyone, boys and girls alike, were excited about creating quilts for children in the hospital. Other summer activities included: eating chocolate-covered crickets, cooking in solar ovens, and creating nature journals.

Operations

Spring is notable every year for the flurry of preparations for the summer field season. In 2012, those preparations were more complex than ever, and the results are evident! The Operations staff painted the exteriors of all of the buildings, refurbished the showers, and completed major renovations to the kitchen and laundry facilities that support the summer crews.

Work also continued throughout 2012 on the ongoing project to clear the overgrowth of elm trees in the area of the Archaeological Trail. After two years of work, the vista in that area was opened up, and literally tons of well-seasoned, locally harvested wood were produced. Rather than dispose of it through a prescribed burn, it is now available for sale to the public through the Landmark gift shop!

Several groups of special visitors joined the Landmark staff through 2012 for training, research, and outreach ventures. The Texas Historical Commission, Leadership Lubbock, and the Lubbock Fire Department, with the Texas A&M Forest Service, all held training sessions at the Landmark. In October, the annual conference of the Society of Environmental Journalists was treated to a tour and a hayride while holding their annual meeting in Lubbock and studying the prairie ecosystem.

Research

As part of the Lubbock Lake Landmark’s regional research program this year the field crew explored several important localities across the Llano Estacado. During the month of May the field crew was at San Jon (New Mexico), Tahoka Lake (near Tahoka, Texas), Adair-Steadman (near Roby, Texas), and Arena (near Stanton, Texas). As the current research is coming to an end at San Jon, new and exciting finds at Adair-Steadman and Arena will require several more years of excavation.

Research at San Jon focused on documenting the stratigraphic relationship between bison bone remains that were eroding out from the side of a slope near the extinct playa and the association of a Firstview projectile point (ca. 8,600 years old) recovered nearby in the previous field season. The excavation documented that the bison bone is associated with a small gully and may not have a spatial relationship with the Firstview projectile point. Although more potential work could be undertaken at this site, after 17 field seasons, it is time to take a break and work on analysis and publications for the site. Tahoka Lake, a salina associated with a freshwater spring, is a resource-rich area on the Southern High Plains. A survey undertaken during 2012 recovered several historic objects associated with ranching activities. Additionally, five hearths were discovered. Radiocarbon samples were taken from these hearths and a small stratigraphic profile to determine their antiquity. Although results were
The year 2011 was a bustling yet productive one for the Natural Science Research Laboratory (NSRL). The collections of the NSRL continued to grow in size and overall utilization. Staff efforts continued to focus on organizing, cataloging, bar coding, relabeling, and installing specimens in the mammal, bird, invertebrate, and genetic resources collections. However, a considerable portion of staff time was spent fulfilling other duties as well, such as preparing and shipping specimen loans and participating in outreach efforts.

While the number of loans for 2011 showed a decreased from the previous year, approximately 90 loans of material (comprising more than 2,200 specimens and tissue samples) were filled, keeping staff occupied. TTU researchers or other Texas institutions requested 65% of the loans sent out from the NSRL. The remaining loans were shipped to various states and countries, including Uruguay and the Czech Republic.

The year was also marked by an increase in both physical and online visits to the NSRL, compared to previous years’ activity. This is partly due to intensified outreach efforts and college course instructional tours. TTU undergraduate and advanced courses in Biogeography, Mammalogy, Ornithology, and Vertebrate Natural History were given tours about the Museum. TTU undergraduates in Entomology classes were both given tours and instructions on how to pin insects. Other institutions, such as South Plains College, were given tours focusing on the use and value of the NSRL’s collections.

Without doubt the two publication series maintained by the NSRL, Occasional Papers and Special Publications, are responsible for a great part of the NSRL’s virtual visitation. In 2011, these two publication series covered topics ranging from molecular evidence of new mammal species to new specimen records of parasites from molecular evidence of new mammal species to new specimen records of parasites found in squirrel host species. Electronic copies of both publication series continue to be
downloadable for free from the NSRL’s website: www.nsrl.ttu.edu

As collections are at the heart of the NSRL, there are several important collection deposits that should be mentioned. Each addition not only bolsters the NSRL collection, but adds to the already enormous archive of biodiversity housed within.

For the mammal and genetic resources collections, mammal study specimens and vital tissues were collected through field trips to Malaysia (May-June), Botswana (August), and the Ukraine near the Chernobyl Meltdown site (August). Also included are further deposits from a trip to Arizona (April) and a much larger collection study conducted in Texas, Oklahoma, and Kansas (July-August). NSRL research associates deposited three smaller collections of mammal study specimens from Nevada and Texas from various collecting endeavors.

In addition to these more recent field-generated collections, a trip was made to the Science Museum of Minnesota (SMM) in June 2011 to complete the fourth and final transfer from the SMM to the NSRL of National Park and National Forest specimens (collected from the 1970s-1990s). An estimated 10,000 fluid-prepared and skull specimens were packed and

An African elephant head mount, temporarily removed from exhibit, is undergoing conservation while a new exhibit is being developed around it in the NSRL. Photo by Heath Garner

Student Jeremy Quang concentrates on pinning a series of very large walking sticks from Queensland, Australia. Photo by Heath Garner

NSRL Research Publications


In 2012 staff and students worked diligently throughout the year to fulfill information and loan requests, inventory, process, and catalog incoming specimens, archive tissues, and provide necessary guidance to visiting researchers.

Overall, loan activity remained steady. However, there was roughly four times the number of international loans requested than in the previous year. France, Mexico, Malaysia, Switzerland, Brazil, Paraguay, and the Czech Republic were among the countries these tissue and specimen loans were shipped.

In addition to loan activity, staff and students worked on various inventory and specimen installation projects. One of the more exciting projects included the physical transfer of a large number of taxidermy animals housed in a storage area of the Museum. Among the animals transported to the NSRL were a lion, polar bear, jaguar, tiger, and several other large mammals.

One significant happening for the NSRL in 2012 was the award of a three-year National Science Foundation grant. Under the direction of James Cokendolpher, the grant provides funding to catalog, photograph, and digitize a portion of the invertebrate collection. The goal of the grant is to provide access to the records through data portals to help promote research. Cokendolpher also received two other grants in 2012 for projects specific to spiders and pseudoscorpions.

The NSRL continues to maintain two publication series, Occasional Papers and Special Publications, for scholarly works focused on museum-based natural history research. One publication of note this year, “Cost of Collection and Preparing Mammal Voucher Specimens for Natural History Collections,” by Bradley et al., extrapolates the collecting costs of mammal specimens based on 12 years of field collecting.

Through both donations and collecting efforts, the NSRL obtained several thousand new mammal and invertebrate specimens this year. While many of the new specimens originate from Texas and Oklahoma, some were collected in the British Virgin Islands, Mexico, Malaysia, and the Dominican Republic. Additionally, the invertebrate collection was also able to obtain a small comparative collection of insects this year to help identify other species with the collection.

With 2012 done, the staff of the NSRL would like to thank our volunteers and to congratulate graduating students Cassandra Coronado, Sossi Iacovides, Crystal Perez, and Jeremy Quang whose efforts at the NSRL will surely be missed.
Current NSRL Research Associates

Texas Tech University
Ronald K. Chesser, Biological Sciences
Llewellyn D. Densmore, Biological Sciences
Ronald J. Kendall, Institute of Environmental & Human Health
Tigga Kingston, Biological Sciences
Carleton J. Phillips, Biological Sciences
Brenda E. Rodgers, Biological Sciences
Jorge Salazar-Bravo, Biological Sciences
Richard E. Strauss, Biological Sciences

Other institutions
Loren K. Ammerman, Angelo State University
John W. Bickham, Battelle Memorial Institute
Joel Brant, McMurry University
Janet Braun, Sam Noble Oklahoma Museum of Natural History
Daniel M. Brooks, Houston Museum of Natural Science
James J. Bull, University of Texas at Austin
Santiago Burneo, Pontificia Universidad Católica del Ecuador
Darin Carroll, Centers for Disease Control and Prevention
Serena A. Carroll, Centers for Disease Control and Prevention
Gerardo Ceballos González, Universidad Nacional Autónoma de México
Robert C. Dowler, Angelo State University
Jerry W. Dragoo, University of New Mexico
Cody W. Edwards, George Mason University
Mark D. Engstrom, Royal Ontario Museum
Michael R. J. Forstner, Texas State University

Charles F. Fulhorst, University of Texas Medical Branch at Galveston
Sergey Gaschak, International Radioecology Laboratory, Ukraine
Hugh H. Genoways, University of Nebraska State Museum (emeritus)
Burhan Gharaibeh, University of Pittsburgh
Jim R. Goetze, Laredo Community College
Meredith J. Hamilton, Oklahoma State University
Michelle Haynie, University of Central Oklahoma
Kristofer M. Helgen, Smithsonian Institution
Christine L. Hice, University of New Mexico,
Federico G. Hoffmann, Mississippi State University
Rodney L. Honeycutt, Pepperdine University
Frederick J. Jannett, University of Minnesota
Mariko Kageyama, University of Colorado Museum
Sara Kerr, University of the Incarnate Word
Gary Kwiecinski, University of Scranton
Peter Larsen, Duke University
Roxanne Larsen, Duke University
Tom Lee, Abilene Christian University
Chip Leslie, Oklahoma State University
Celia López-González, Instituto Politécnico Nacional, Mexico
Kateryna Makova, Penn State University
Richard Manning, retired
Michael Mares, Sam Noble Oklahoma Museum of Natural History
Marjorie Matocq, University of Nevada
Suzanne McLaren, Carnegie Museum of Natural History

Rodrigo Medellín, Universidad Nacional Autónoma de México
Mary Lou Milazzo, University of Texas Medical Branch at Galveston
Bianca Montero, North Dakota State University
Anton Nekrutenko, Penn State University
Jorge Ortega Reyes, Universidad Nacional Autónoma de México
James L. Patton, University of California at Berkeley
Scott Pedersen, South Dakota State University
Russell Pfau, Tarleton State University
Ronald H. Pine, retired
Calvin A. Porter, Xavier University of Louisiana
Marcia A. Revelez, Sam Noble Oklahoma Museum of Natural History
Luis Ruedas, Portland State University
David J. Schmidly, retired
Frederick B. Stangl Jr., Midwestern University

NSRL 2012 Publications
Paleontology Curator Dr. Sankar Chatterjee spent the summer at the Lufeng Dinosaur Museum, Yunnan province of China, to finish the monograph of the earliest sauropod Yizhousaurus with Dr. Dong Zhiming and Dr. Xiao-chun Wu. From China, he went to India and gave several invited talks at the Indian Institute of Science Education and Research (IISER) at Kolkata, National Institute of Oceanography at Goa, and Birbal Sahni Institute of Paleobotany at Lucknow. He discussed with several Indian colleagues about the possible deep-sea drilling at the Shiva crater in the Arabian Sea, which is linked to the dinosaur extinction. Dr. Chatterjee is an Honorary Professor at IISER, where he gave a series of talks on the evolution of life. He is designing the first natural history museum in India at IISER where all the Indian dinosaurs will be exhibited. Chatterjee was invited to give the keynote talk at the International Gondwana Conference at Buzios, near Rio de Janeiro, Brazil, and served as the convener of the meeting. He gave a talk at the annual meeting of the Geological Society of America on the plate tectonic evolution of India. He was the series editor of the Paleontological Society Special Publication (volume 17), “Corals and Reefs: Crises, Collapse and Change.”

Dr. Chatterjee also worked on a beautiful, articulated sphenosuchian specimen discovered by Doug Cunningham in Garza County. Cunningham was reassigned part time to the Paleontology Division as a preparation and field specialist. Cunningham has worked on finishing the preparation of an undescribed crocodylomorph. Preliminary CT scanning of the skull was done at TTU, which got local media coverage. The skull was scanned at the University of Texas, Austin, in detail. The virtual image of the brain was reconstructed and studied in collaboration with Larry Witmer of Ohio University.

Above left: Doug Cunningham and Dr. Sankar Chatterjee examine a sphenosuchian.

Left: Museum Science student Gretchen Gürtler and Education Intern Natalie Toth collecting part of a metoposaur skull.
Preparator Andrew Gedeon was transferred to the Museum’s Exhibits Division in March. The Paleontology Division was represented by the cover image and an interior photograph in the Society of Vertebrate Paleontology’s Fossil Preparation 2011 calendar. The division’s fieldwork was somewhat hindered in 2011 due to wildfires and drought. The outstanding find of the year was probably the mandible of the enigmatic fish taxon *Colognathus obscurus* found by Museum Science graduate student Kendra Dean.

Museum Science student **Kendra Dean** with the *Colognathus obscurus* mandible she discovered.

Museum Science student **Joshua Thacker**, Geoscience student **Jacob Van Veldenhuizen**, and Museum Science student **Kendra Dean** with a phytosaur skull.

Museum Science student **Gretchen Gürtl** collecting a phytosaur leg she discovered.

**Publications**


**Presentations**


Tembe, Girish and Shameen Siddiqui, 2011, Applications of computed tomography to museum conservation and exhibits. SVP poster.
Summary of Activities

Dr. Sankar Chatterjee’s talk at the Geological Society of America on the take-off and landing of the giant pterosaur *Quetzalcoatlus* received quite a bit of news media publicity. Chatterjee was interviewed by a number of media sources.

- Two images from the Prep Lab were selected for the Society of Vertebrate Paleontology’s *Preparators’ Calendar* for 2012: an image of Gretchen Gürtler preparing a phytosaur skull (January); and an image of Matthew Houle preparing a metoposaur skull (November). The Museum has had at least one image in each of the Preparator’s Calendars the SVP has produced.

- Museum of TTU fieldwork has been more frequent and more successful in 2012 since there has been more rain. In January we recovered a phytosaur skull that Bill Mueller had found last fall and that appears to be a new taxon. This spring Jacob van Veldhuizen found part of a juvenile phytosaur skull that belongs to the new taxon Gürtler has been researching. In the spring, Doug Cunningham and Mueller took out two more phytosaur skulls, which Cunningham had found earlier. In October, Cunningham and Mueller extracted a complete phytosaur jaw that Mueller had found in August.

- Mueller and Gürtler led Martin Sander’s Vertebrate Paleontology field class, from the University of Bonn, Germany, to examine the Cretaceous and Triassic deposits in Garza County. In the Triassic deposits, at Mueller’s research area, the students were able to find a number isolated fragments, but nothing significant.

- During the reception for the Cowhead Mesa exhibition, Chatterjee, Cunningham, and Mueller were on hand to present the first public viewing
of the skull and CT scan video of the new crocodylomorph taxon that Cunningham discovered.

- Dr. Momchil Atanassov, TTU Biology, has continued to sort, identify, and catalog the Guadalupe Mountains National Park Lower Sloth Cave fossil collection.

- Mueller went to the Mesalands Dinosaur Museum (MDM) in Tucumcari, NM, in May to help teach their first Vertebrate Paleontology Field Class of the summer.

- Mueller attended a STEM conference outside Austin with Gürtler and Dr. Axel Hungerbühler of the Mesalands Dinosaur Museum. The Museum of TTU’s Paleontology Division is collaborating with the MDM on several research projects.

Below left, below right, and right: Museum Science student Brittany Webb reconstructs an aetosaur (Triassic reptile) fossil's carapace and then photographs it from above.

Below: Museum Science student Brittany Webb using an air scribe to prepare a Shuvosaurus vertebra.

Publications 2012


Presentations

- Chatterjee, Sankar, 2012, Girl Scouts of America.
The Texas Tech Art History Series celebrated its 50th year anniversary in 2009. The series has long been one of the Museum’s most beloved programs by all of those who attend the lectures. Some of the original members who, with art lecturer Rabbi Kline in 1959 were responsible for founding this program, still attend lectures every Friday morning during the school year. Educator and artist Dr. Oliver McRae continues to enchant audiences with his captivating lectures by weaving the culture and art of past generations into his presentations. The series membership has grown to approximately 100 members at this time. This annual series is certainly a valuable program for the Texas Tech community, especially in comparison to the programs of other university museums across the nation. The Art History Series is truly a unique opportunity for those who enjoy history, art, and the cultures of the past. There is none which can compare to it.

The Museum of TTU Association and Museum of TTU were honored to host the 25th anniversary exhibition of Lynn Haney’s hand-crafted Santas. The private opening for Making Christmas Fantasies Come True was enjoyed by all that attended.

Forty Museum of TTU Association members traveled with Dr. Idris Traylor Jr., chair of the Association’s Travel Committee and the Association’s Executive Administrator Jouana Stravlo, to New York’s Hudson River Valley at the peak of the fall foliage season. Various activities included touring historic mansions, beautiful gardens, the US Military Academy at West Point, and the Culinary Institute of America. The trip exceeded organizers’ and participants’ highest expectations. Everyone who attended had a wonderful visit.
The “Royal” Affair Gala held June 17, 2011, was featured as a spoof of the Royal wedding reception of William and Kate. June being a month for brides prompted the wedding dress exhibition from our own museum. The entertainment included an original spoof on the movie The King’s Speech called “The Queen’s Speech” written by Gerald Dalter and featuring Marsha Sharp (right center) as the Queen of England and a host of Lubbock celebrities. Everyone got into the spirit of the evening with hats and wedding attire (photo below). The event was most successful with an attendance of approximately 200 guests. The gala grossed $127,635 with expenses of $31,557, leaving a net of $96,078. This amount will be matched by The CH Foundation’s grant of $24,000 per year over five years.

Prior to the gala’s start, a special tribute to Helen DeVitt Jones and Christine DeVitt was held in Helen DeVitt Jones Auditorium. The tribute honored their legacy and inspired others with their wisdom. The Association presented Museum Executive Director Dr. Eileen Johnson with a framed tribute to be permanently placed in the Museum of Texas Tech University. Dr. Idris Traylor, Dr. Donald Haragan, and Dr. Guy Bailey were speakers for the history and legacy of the DeVitt sisters.

The Museum Association offers important support for the Museum of Texas Tech University, providing both funding and volunteers. The Association has been an active part of Texas Tech, Lubbock, and the South Plains for over 80 years. We are fortunate to have a museum of high caliber in our community; become a part of it by joining us today!

There are many levels of membership in the Association. A family membership starts at just $45 and entitles you to 10% off purchases in the Museum Shop, free unlimited admission to the Museum, invitations to Members-Only preview events, lectures, and special receptions, as well as a subscription to the Association Newsletter.

Members of the Museum of TTU Association have many opportunities to volunteer their time. Whether it is by serving on a committee, participation in lectures, or working with the Museum League, the Association welcomes you to volunteer with us. To learn more about the Museum Association and the benefits of becoming a member, please visit our website at www.mottua.org or call the Association Office at 806.742.2443.
Celebrating our Heroes Gala

On June 1, the Association kicked off “Celebrating Our Heroes: A Summer of Collaborative Exhibitions,” with a USO-style gala, as a special tribute to our veterans of all military branches and of all wars. Attendees enjoyed cocktails and dinner, as well as silent and live auctions. The dress code included WWII Era USO styles and cocktail attire, and a fantastic evening was enjoyed by all. The gala reflected the spirit of the great USO show with a performance by the Lennon Brothers from Branson, MO, who performed the smooth rhythms and cool tunes of live swing music of the 1940s and 1950s. It was a nostalgic evening filled with laughter, dancing, and memories of yesteryear.

Art Collections Committee

Committee members participated in the ArtCycle event and served the Museum of TTU as a review committee for its purchases and its receipt of gifted artwork. Boxes of the committee’s published notecards were given to participants who attended the annual Association Dinner meeting, and the remaining boxes went to the Museum Shop to raise money for the Association.

The committee continues to work from its “target list” for purchase consideration. The group was able to purchase the following works of art with grants from the Helen Jones Foundation:

- Robbie Barber, “Home Cooking,” mixed media sculpture
- Ray Parrish, “California Blue Whale,” mixed media sculpture
- Ray Parrish, “Vault,” sculpture
- Don Reitz, “Korea Teastack,” ceramic sculpture
- Don Reitz, “Platter with Drip,” sculpture
- Don Reitz, “Small Teastack,” ceramic sculpture

The committee also reviewed all donations to the Museum’s Artist/Printmaker Research Collection. This collection has added numerous studies and completed works from more than ten important artists from the Southwestern United States during 2012.

Arts History Committee

The Arts History Lecture Series (AHS) continued to be one of the Museum’s most beloved programs. Open to all art history enthusiasts, it features artists and educators Drs. Oliver McRae and Christian...
Conrad, both of whom took patrons on “virtual” journeys to great cities and historical locations throughout Italy. The pair enchanted audiences with grand tours of Milan, Rome, Venice, Florence, and Pompeii, through captivating lectures that wove together the culture and art of past generations. Patrons viewed the great architecture, history, art, music, and culture that made these locations the most famous of all destinations.

**Program Committee**

This committee is composed of ten Association members who meet on the first Thursday of each month. They are an asset to the Association in promoting exhibitions by planning related events and educational programming. The committee organized receptions and gallery talks for Dr. Idris Traylor Jr. and Suzanne Aker on the exhibition *Windows to Heaven: Treasures from the Museum of Russian Icons*. Both lectures were very successful with high attendance. The committee also worked together with the National Ranching Heritage Center to educate the local community about quilts with exhibitions including *America Celebrates* and *Celebrating the Evolution of Quilts*. Each committee member chose a quilt and spoke on its history for a gallery talk. In the spring, the committee supported the *ArtCycle* booth at the Lubbock Arts Festival, which helped raise money for the Museum Association. Then during the summer of 2012, the programming committee volunteered in the grand event, “Celebrating Our Heroes,” a collaboration between our Museum, Silent Wings Museum, Science Spectrum, and Buddy Holly Center, which honored service members who have protect our freedom. Veterans of all military branches attended and were honored with a veterans’ reception, a family picnic, and WWII-related exhibitions. In December, the committee stepped up yet again and assisted with Christmas@The Museum, which attracted over 500 people. Guests

The city of Lubbock helped advertise the “Celebrating Our Heroes” summer events and exhibitions by wrapping a Citibus seen around Lubbock.
Academic Affairs Summary of Accomplishments 2011
by Claudia Cory, Coordinator of Academic Programs, and Nicky Ladkin, Assistant Director and Vice Chair of Museum Science

Photos by Bill Mueller

MA in Museum Science and MS in Heritage Management Programs

Faculty and Staff
Chair of Programs – Eileen Johnson, Ph.D.

Museum Science
Robert Baker, Ph.D., Horn Professor
Robert Bradley, Ph.D., Professor
Peter Briggs, Ph.D., Adjunct Professor
Sankar Chatterjee, Ph.D., Horn Professor
Mei Wan Campbell, M.A., Adjunct Professor
Nicholas Croft, Ph.D., Visiting Assistant Professor
David K. Dean, M.A., Adjunct Professor
Jill Hoffman, Ph.D., Adjunct Professor
Eileen Johnson, Ph.D., Horn Professor
Jack Nokes, M.A., J.D., Visiting Professor
Nicola Ladkin, M.A., Adjunct Professor

Heritage Management
Hyojung Cho, Ph.D., Assistant Professor
Stance Hurst, Ph.D., Adjunct Professor
Scott White, Ph.D., Adjunct Professor

Staff
Claudia Cory, Coordinator of Academic Programs

In 2011 the Museum Science and Heritage Management programs graduated 12 students:

Spring
Jacqueline Salter – Museum Science (internship)

Summer
Laci Hill – Heritage Management (internship)
Jena Love – Museum Science (internship)
Amanda Poteet – Museum Science (internship)
Amanda Reed – Museum Science (internship)
Curt Schmitz – Museum Science (internship)
Genevieve Stockburger – Museum Science (internship)
Sarah Tuohy – Heritage Management (internship)
Lori Waters – Heritage Management (internship)

Fall
Amanda Lawrence – Museum Science (thesis)
Ardath Lawson – Museum Science (internship)
Elizabeth Stone – Museum Science (internship)

In Fall 2011, 18 new students entered the program from Alabama, Iowa, New Mexico, Pennsylvania, Wyoming, and 13 from Texas.

ICOM-CIDOC and Museum of TTU Summer School Partnership

CIDOC, the ICOM International Committee for Documentation, in collaboration with the Museum of Texas Tech University has developed an innovative training program: the CIDOC Summer School. The inaugural session took place from June 25 – July 1, 2011, at the Museum.

CIDOC calls upon an international network of specialized domain experts; many, but not all, have teaching experience. In order to ensure a solid and credible academic framework, CIDOC approached and established a partnership with the Museum of Texas Tech. Tutors for the 2011 and 2012 Summer Schools were drawn from members of the CIDOC board and Museum faculty/staff, working together to create a blend of practical and pedagogical expertise.

The CIDOC Summer School program is intended to appeal to a broad audience: both experienced museum personnel and newcomers to the field of museum documentation. To this end, the program is conceived as a series of interrelated modules, covering both basic and advanced topics, allowing participants to tailor the curriculum to their individual needs and interests. Furthermore, successful completion of the Summer School core program leads to a CIDOC/MoTTU certificate of competence.

Seven instructors drawn from CIDOC and Museum faculty and staff delivered a total of ten training modules. Each instructor prepared the modules they delivered. Both Museum of TTU faculty and CIDOC members gave their time as in-kind contributions to the CIDOC Summer School. CIDOC and Museum of TTU staff cooperated successfully on the preparation and delivery of the modules. Museum faculty

CIDOC
Summer School participants exchange ideas in class. (L–R) Nguyen Ninh (Vietnam), Bumaa Dashdendev (Mongolia), Olalonpe Oyebode (Nigeria).
Academic Affairs Summary of Accomplishments 2012

Faculty and Staff
Chair of Programs – Eileen Johnson, Ph.D.

Museum Science
Robert Baker, Ph.D., Horn Professor
Robert Bradley, Ph.D., Professor
Peter Briggs, Ph.D., Adjunct Professor
Sankar Chatterjee, Ph.D., Horn Professor
Mei Yan Campbell, M.A., Adjunct professor
Nicholas Crouth, Ph.D., Visiting Assistant Professor
David K. Dean, M.A., Adjunct Professor
Jill Hoffman, Ph.D., Adjunct Professor
Eileen Johnson, Ph.D., Horn Professor
Nicola Ladkin, M.A., Adjunct Professor
Cameron L. Saffell, Ph.D., Assistant Professor

Heritage Management
Hyojung Cho, Ph.D., Assistant Professor
Stanice Hunt, Ph.D., Adjunct Professor
Susan Rowe, M.A., Adjunct Professor
Scott White, Ph.D., Adjunct Professor

In 2012, the Museum Science and Heritage Management programs graduated 15 students:

Spring
Selena Capraro – Museum Science (internship)

Summer
Brian Briggs – Museum Science (thesis)
Lauren Callahan – Museum Science (internship)
Sarah Collins – Museum Science (internship)
Jennifer Covarrubias – Museum Science (internship)
Jessica Knight – Museum Science (internship)
Katherine Krieger – Museum Science (internship)
Adriana Molina – Museum Science (internship)
Samantha Philbrick – Museum Science (internship)
Lorna Slupczynski – Museum Science (internship)
Kevin Thacker – Museum Science (internship)
Maria Vallejo – Museum Science (internship)

Fall
Kendra Dean – Museum Science (internship)
Marissa Diaz – Museum Science (internship)
Emily Purcell – Heritage Management (internship)

In Fall 2012, 16 new students entered the program from Georgia, Kansas, New Mexico, Pennsylvania, South Dakota, two from Arizona, and 9 from Texas.

Njabulo Chipangura (Zimbabwe) (L) and Linda Neruba (Uganda) look for their country’s flag in the Hall of Nations in the International Cultural Center, TTU.

ICOM-CIDOC and Museum of TTU Summer School Partnership

The second CIDOC Summer School session took place from May 20-25, 2012, at the Museum. The program this year built on the success of the inaugural year. Eight instructors drawn from CIDOC and MoTTU faculty and staff delivered a total of 14 training modules. Five new modules were presented, each prepared by the instructor who delivered it. Independent study with an instructor also was added as a module option. Eight modules prepared in 2011 were revised and updated. Museum faculty/staff participants were: Nick Crofts, Nicky Ladkin, Terri Carnes, Bill Mueller, Heath Garner, and Hyojung Cho. Both MoTTU faculty and CIDOC members gave their time as in-kind contributions to the CIDOC Summer School. CIDOC and MoTTU staff cooperated successfully on the preparation and delivery of the modules.

Nineteen participants attended the 2012 CIDOC Summer School, seven more than in 2011. Five participants registered for the distance learning option and did not physically attend. Two students who had previously attended in 2011 returned to follow five advanced modules and complete their training program. Countries represented were: Mongolia, Vietnam, Uganda, Zimbabwe, Germany, Brazil, Egypt, Nigeria, Tanzania, Romania, and USA. For 2012, participants stayed on-campus student accommodations in Murray Hall, within easy walking distance of the Museum. Student life on campus proved to be very popular and

(cont’d on p. 56)
The Registration Division’s year was busy. The division helped with traveling and in-house exhibitions, and worked closely with the various curatorial divisions as the need arose.

**Accessions**

In 2011 the Registration Division processed 77 separate accessions, compared to 75 in 2010, and 73 in 2009. Each accession can represent anything from a single artifact to thousands of field-collected specimens. Final inventories and totals for 2011 accessions are still being calculated.

**Loans**

The Registration Division processed 149 new loans in 2011, up 20 from the previous year. 108 loans (72%) were outgoing to other institutions, while 41 (28%) were incoming. These 149 loans represented 5,132 individual artifacts and specimens. Loans were made for a variety of purposes, including exhibit, research, conservation, and acquisition assessment.

**Photography**

In 2011 Museum photographer Bill Mueller continued his work documenting the Museum’s collections, exhibitions, and special events. He also carried out the other duties of his position, including processing photoduplication.
requests for both Museum personnel and outside researchers. Additionally, the Digital Image Analysis Lab continues to provide previously unavailable digital imaging via the 3D Surface Laser Scanner.

\[ \text{Image} \]

**Activities & Achievements 2011**

**Bill Mueller**
- Instructor, ICOM-CIDOC Summer School: Museum Documentation, Procedures, and Practice.
- Guest lecturer for multiple Museum Science and Heritage Management classes.

**Matt Renick**
- Co-instructor, MUSM 5340, Museum Collections Documentation course.
- Instructor, ICOM-CIDOC Summer School: Museum Documentation, Procedures, and Practice.
- Panel Speaker for the Session Documents as Collections: What’s So Strange About That. Mountain-Plains Museums Association Annual Conference, Helena, MT.
- Attendee, American Association of Museums Annual Conference, Houston, TX.

**Students**
- Selena Capraro – Museum Science Student Worker, Spring 2011
- Adrianna Molina – Museum Science Student Worker, Summer 2011
- Marissa Diaz – Museum Science Practicum Student, Fall 2011

Above and below: Registrar **Matt Renick** shows CIDOC Summer School 2011 participants some of the finer points of museum registration documentation.

Museum Science student **Adrianna Molina** examines artwork in the Registration Workroom.
Registration Division 2012
by Terri Carnes, Interim Registrar, and Bill Mueller, Museum Collections Photographer

Photographs by Bill Mueller

Staff
Matt Renick, Museum Registrar
Terri Carnes, Interim Museum Registrar
Bill Mueller, Museum Collections Photographer

T he 2012 year was busy for the Registration Division. Staff helped with traveling and in-house exhibitions, and worked closely with the various curatorial divisions as needed. In the spring, Registrar Matt Renick taught a training module for CIDOC. CIDOC is the ICOM International Committee for Documentation and is collaborating with the Museum of Texas Tech University in a series of training seminars titled Documentation, Principles, and Practice. The program is intended for experienced museum personnel and for newcomers to the field of museum documentation. Renick’s module was an Independent Study class for three of the international students interested in learning more about the Registrar position in museums.

In the fall, Renick accepted a position with Union Station/Kansas City Museum to be closer to family. For a month Terri Carnes, now the Interim Registrar for the Museum, shadowed Renick as he showed her every aspect of the registration process. In October Carnes attended the American Alliance of Museums (AAM) Annual Meeting and MuseumExpo 2012 in Minneapolis/St. Paul, MN, as the Secretary for the Registrar’s Committee of the American Alliance of Museums (RC-AAM). The RC-AAM is the largest of 13 Professional Network Committees of the AAM. As a group, the membership of approximately 950, is interested in the management of cultural heritage collections and exhibitions. The organization networks with registrars and collections managers across the nation disseminating information relevant to the responsibilities of museum registrars and collections managers in the United States.

Accessions
In 2012 the Registration Division processed 85 new accessions, up from 75 in 2010 and 78 in 2011. Each accession can represent anything from one single object such as a baby buggy in the History Division to thousands of field-collected objects such as the lithic materials in the Anthropology Division. Final inventories and object totals for 2012 are still being calculated.

Loans
Loans processed this year totaled 110, down considerably from the 130 loans processed in 2010 and 151 in 2011. Of the 110 loans, 75 (68%) went out to other institutions and 35 (32%) came to the Museum of Texas Tech University. These loans represented 3,928 objects and specimens. Loans were made for a variety of purposes that included exhibition, research, conservation, and acquisition assessment.

Photography
Museum Photographer Bill Mueller documented the collections, exhibitions, and special events all year. As part of those duties, Bill taught Photographing Objects for Inventory Purposes for the CIDOC Summer School.
Activities & Achievements 2012

Bill Mueller
- Guest lecturer for multiple Museum Science and Heritage Management classes.
- Worked with Museum Science students photographing objects and showing them how to photograph objects correctly.
- Had images published in the Society of Vertebrate Paleontology Preparator’s Calendar (2012: August; 2013: January, November)

Terri Carnes
- Instructor for MUSM 5340, Museum Collections Documentation course, Center for Advanced Study of Museum Science and Heritage Management.
- Secretary of the Registrar’s Committee of the Mountain Plains Museum Association and attended the annual meeting in May in Corpus Christi, Texas where she fulfilled her duties as an officer.
- Taught classroom module #103 Marking Objects with Identification numbers for CIDOC’s summer school.
- Secretary of the Registrar’s Committee of American Alliance of Museums and attended the annual AAM conference and various board meetings in October in Minneapolis/St. Paul.

Right: Museum Science student Lisa Simmons sews a textile onto Mylar for her practicum.

Below: E&T Intern Lauren Callahan and Museum Science graduate student Hannah Thompson work on photographing artifacts for the Little Black Dress exhibition.

Above: Terri Carnes (L) instructs a student from Mongolia how to properly label objects during CIDOC Summer School 2012.

Right: (L-R) Terri Carnes, Museum Science graduate student Kendra Dean, and Exhibits Intern Ryan Huehne do condition reports on the Saturday Evening Post exhibition artworks.

Opposite: Museum Science students Hannah Thompson and Casey Seger learn techniques for photographing museum collection artifacts.

Annual Report 2011 & 2012
a place for field season volunteers to congregate and relax when not working. The unanticipated roof repair also was completed. These various projects supported the mission of the Landmark and enhanced the opportunity for all of our visitors to learn about and enjoy its cultural and natural history.

Prepared and skull specimens were packed and shipped during this three-day trip, making the final collection of rodent specimens transferred from the SMM numbering nearly 45,000.

Fieldwork in 2011 for the invertebrate collection was conducted primarily on the Llano Estacado and adjacent lands of Texas and New Mexico, with extra efforts being spent at Muleshoe National Wildlife Refuge. Collecting was halted in mid-August because of the extreme dryness and heat, when even the hardiest of insects were difficult to obtain. From these efforts, many thousands of invertebrates were added to the collection. The invertebrate collection also received a significant transfer of specimens from the TTU Plant and Soil Science Department. This transfer included specimen cabinets and over 100 specimen trays containing pinned insects.

Closing out 2011, the NSRL staff gave a heart-felt goodbye to Amanda Lawrence, Kevin Flaherty, and Roderick Henderson, three graduating students who worked many hours bettering the NSRL collections.


Biology Letters 474:52-58.

Copeia 4:503-512.

Don E. Wilson, Smithsonian Institution Jeffrey K. Wickliffe, Tulane University Don E. Wilson, Smithsonian Institution Franklin D. Yancey II, Madera Center of Reedley College


Holly A. Wichman, University of Idaho Jeffrey K. Wickliffe, Tulane University Don E. Wilson, Smithsonian Institution Franklin D. Yancey II, Madera Center of Reedley College

Clarification and explanation of experimental design and mechanistic dose-response effects for significant radioecological impacts. Biology Letters Online. ISSN: 1744-957X.
Transporting a plaster jacket with an embedded camel skull back to the truck at the end of a hard and long day.

In June, the Roland Springs (near Snyder, Texas) crew spent time excavating segments of a large proboscidean tusk. The term proboscidean refers to the elephant family, which in the Pleistocene includes ancient mammoths and mastodons. Other important finds this year include: the astragalus (foot bone) of a procyonid (a large raccoon or coati), an animal previously undocumented at the locality; an excellent skull of a large, extinct rabbit, a rare find especially as it is neither crushed nor distorted; and a large felid tibia (upper leg bone), another animal rare in the locality’s record.

In June, the Landmark crew also began work at the Post research area. The research this year examined a variety of sites that included an early settlers dugout, an historic cowboy camp, a Late Archaic (4,500-2,000 year old) campsite, and a Late Pleistocene (~11,500 years old) faunal locality. KLC Locality 1 is an early dugout established by the Cooper brothers along the Caprock Escarpment. Work at this site is finding evidence of what life was like for the first Anglo peoples to establish themselves within the region.

At Macy Locality 16 the excavation team discovered a variety of objects related to camping activities by some of the earliest cowboys in the region. The most spectacular find was a deeply buried fence post with wire still wrapped around it. This piece of evidence is one of the earliest examples of fence construction in the region.

At Macy Locality 313, Late Archaic campsite debris was mapped and collected. Of particular interest at this site is the heat-treatment of local gravels to improve their workability for making stone tools. Heat-treatment consists of slowly raising and lower the temperature of rock to above at least 500 degrees to make the rock easier to fashion into stone tools. If the temperature is raised or lowered too quickly, the rock will explode apart making it unusable for stone tool making.

The remains of camel, wolf, and extinct box turtle highlight the major discoveries made this year at Macy Locality 100, an important Late Pleistocene age locality. In addition, exploring a new part of the Locality revealed a large bison bone bed that may date to an earlier time period than the main excavation area. These new finds further indicate the vital importance of Macy 100 to understand the change in climate from the last ice age to our current environment. The discoveries made at Macy 100 are improving the understanding of what the environment was like when large, extinct mammals roamed the Southern Plains.

In July, excavations at the Lubbock Lake Landmark focused for the sixth consecutive year in Area 6, within the old reservoir cut. Area 6 contained activity features that spanned from the aboriginal Historic back to the early Paleoindian period. The 2012 field season had two major objectives: to clean up the large east wall in the northern section of Area 6, and to continue excavations in the various ancient bison kill/butchering locales within
stratum 2 that dated between 8,600 and 10,800 years before present. The large east wall was being cleaned to re-document the stratigraphy based on the knowledge accrued through the last decade of field efforts throughout the Yellowhouse system. The Firstview bison kill/butchering locale (~8,600 BP) was exposed at the base of the wall, and field jackets were created to recover the ancient bison bone. Block excavation in the southern portion of the area continued down, approaching the level of the Plainview (~10,000 BP) bison kill/butchering locale.

Members of the Lubbock Fire Department learn the techniques of prescribed burning in a training exercise by the Texas A&M Forest Service hosted at the Landmark.

2012 Lubbock Lake Landmark Publications

2012 Professional Presentations

(contin'd on p. 58)
instructors were: Nick Crofts, Nicky Ladkin, Bill Mueller, Cynthia Lopez, Matt Renick, and Terri Carnes.

Twelve participants attended the 2011 CIDOC Summer School. Countries represented were: Egypt, Germany, Brazil, Zimbabwe, Qatar, and USA. The size of the teaching group was ideal since it was small enough to allow all the participants to get to know each other very quickly, but was large enough to make group activities interesting. The wide range of backgrounds and experience was of considerable benefit, creating a strong multi-cultural and international atmosphere. The inclusion of local student volunteers in the courses proved particularly beneficial as international students formed close ties with these students who shared their knowledge of the area. All the students were enthusiastic, highly motivated, and participated actively in the seminars.

Dr. Stance Hurst was appointed to the graduate faculty and developed a new Heritage Management elective course. He taught his course, World Heritage Sites, for the first time in the Spring semester of 2011. In the Fall 2011 semester, Dr. Nicholas Crofts was appointed as Visiting Assistant Professor for one year. He taught the Museology and Museum Administration required courses for Museum Science and developed two new courses for the Spring 2012 semester.

Dr. Dr. Walter Koch (Austria) (L) and participant Julia Rosenow (Germany) chat during coffee break. Photo by Bill Mueller

undoubtedly contributed to a strong sense of group involvement and participation.

The success of the CIDOC Summer School has lead to the scheduling of the first Summer School in another language, Portuguese, and at a venue other than the Museum. It will take place in São Paulo, Brazil, in conjunction with the ICOM Triennial Conference in August 2013.

Dr. Nicholas Crofts taught two new Heritage Management courses: one required course Institutional Information Management, and one elective course Perspectives on Intangible Heritage. Susan Rowe was appointed to the graduate faculty and developed a new Heritage Management required course. She taught this course, Heritage Education, for the first time in the summer of 2012, and then again in the Fall semester 2012. In the Fall 2011 semester, Dr. Cameron L. Saffell was appointed as Assistant Professor of Museum Science. He taught the Museology and Museum

Dr. Walter Koch (Austria) (L) and participant Julia Rosenow (Germany) chat during coffee break. Photo by Bill Mueller
Administration required courses for Museum Science and will develop an additional Museum Science course.

(Museum Association 2012 continued from p. 45)

enjoyed a holiday puppet performance by Barbara Mayfield and Westin McDowell, as well as cookies and cocoa. The Program Committee is an eager group of volunteers who are vital to the success of the Association and will continue to contribute in 2013.

Above: **Linda Neruba** (Uganda) examines an object during the Marking Objects module.

Right: CIDOC Summer School participants take a guided tour of the International Cultural Center, TTU. Photos by Bill Mueller

The Museum Shop

Inside the Museum of TTU

Specializing in Children’s Educational Toys
Glenna Goodacre Bronzes
Texas & Southwestern Books
Nativities from Around the World
Unique Jewelry & Accessories by Local Artists

Shop hours: Tuesday to Friday, 10-5; Saturday, 1-5;
Closed Sunday & Monday
4th Street & Indiana Avenue • 806.742.2436


2011 Other Professional Activity
Katherine Bell Ehler – poster presentation winner (2011) at the First Annual Arts and Humanities Graduate Student Research Conference, Texas Tech University

Hurst, Stance Hurst – (2011-2012) Board member for the City of Lubbock Urban Design and Historic Preservation Commission

Susan Rowe – Committee member, EdCom for Mountain-Plains Museum Association

Susan Rowe – Board member and Treasurer, Informal Science Educators Association of Texas (ISEA)

Susan Rowe – Program committee member, Mountain-Plains Museum Association

Susan Rowe – Steering Committee member, Texas Children in Nature Initiative

Susan Rowe - Board member, Texas Association for Environmental Education

Susan Rowe – LISD, GIS Advisory Committee

Susan Rowe – Recipient, Texas Tech University 2011 Distinguished Staff Awards, Matador Award

2011 Family Programs
January
Life on the Plains - Pleistocene: An Ancient Ecosystem
Discover – The Pleistocene

February
Life on the Plains – Paleoindians: The First Peoples
Discover – Ancient Paleoindians and Landscapes

March
Life on the Plains – The Natural Environment
Discover – How to Keep a Naturalist’s Notebook

April
Life on the Plains – Creepy Crawlers: The Good, the Bad, and the Ugly
Discover – Behavior Patterns of Your Favorite: Insects, Spiders, Lizards, Snakes

May
Life on the Plains – Winged Residents
Discover - Winged Residents: Dragonfly Excursions

June
Life on the Plains – The Natives: Native Plants and Wildflowers
Discover – Medicinal and Edible Plants

July
Life on the Plains – Archaeology Family Day
Discover – Dispel the Myths of Archaeology

August
Life on the Plains – Middle Archaic: Another Climate Change
Discover – Middle Archaic Cooking

September
Life on the Plains – The Pastores: Sheep Herding Traditions
Discover – The Land Remembers Us: New Mexico Pastores in Texas

October
Life on the Plains – Fall Festival of cultural heritage in the Southern High Plains
Discover - Native American and Buffalo Soldier Storytellers

November
Life on the Plains – 19th Century Settlement: Life on the Trail
Discover – Oral Histories

December
Life on the Plains – Holiday Traditions
Discover – Reflections of the Past, Research of the Future

March – October
Landmark after Dark – Night Hikes

2011 Youth Programs
March - Spring Break Fest
June - July - Summer Youth Programs (6 weeks)

July - Hospice of Lubbock Grief Camp
Throughout the year – Boy Scout and Girl Scout merit badge activities

June – August – Covenant Learning Center: Thursdays at the Landmark

2011 Student Programs
May – Environmental Awareness Week

October – Fall Fest 2011
Throughout the school year – Archaeology and Cultural History
Small Wonders
Hands-On Archaeology
Llano Estacado Nature Trails
Traveling Trunk Outreach Program
Lubbock Lake Landmark in the Classroom

Animals on Parade. Taxidermy mounts in the NSRL’s atrium, which were previously housed elsewhere in the Museum, await processing. Photo by Heath Garner

• Moretti, John and Eileen Johnson (2012). Roland Springs Ranch Locality 1, An Early Pleistocene Fauna from the Southern High Plains of Texas. Presented at the 3rd Texas Tech University Biological Sciences Symposium, Lubbock.

• Murphy, Laura R., Stance Hurst, Vance T. Holliday, Eileen Johnson, and Bridget Sanderson (2012). The Late Quaternary Plant Communities of the Caprock Canyonlands Ecotone: Multiple Proxy Paleoenvironmental Data from Two Draws on the Eastern Escarpment of the Southern High Plains of Texas. USA. Presented at the biennial meeting of the American Quaternary Association, Duluth.

• Murphy, Laura R., Stance Hurst, Vance T. Holliday, Eileen Johnson, and Barbara Winsborough (2012). The Late Quaternary Plant Communities of the Caprock Canyonlands Ecotone: Multiple Proxy Paleoenvironmental Data from Two Draws on the Eastern Escarpment of the Southern High Plains of Texas, USA. Presented at the annual meeting of the Geological Society of America, Charlotte.

• Rowe, Susan, Reese Todd, Johnnie Smith, and Tara Schultz (2012). Navigate the Seas of Classroom Education: Chart a New Course with Collaboration. Session presentation at the Mountain-Plains Museum Association annual conference, Corpus Christi.

• Rowe, Susan, Georgia Hansen (2012). Thinking Criteria for Successful Events, Special Occasions, and Other Museum Celebrations. Session presentation at the Mountain-Plains Museum Association annual conference, Corpus Christi.


2012 Other Professional Activity

• Deborah Bigness, Vice President, Northwest Texas Museum Association
• Matt McEwen, Treasurer, Student Association for Fire Ecology
• Susan Rowe, Committee member, EdCom for Mountain-Plains Museum Association
• Susan Rowe, Board member and Treasurer, Informal Science Educators Association of Texas (ISEA)
• Susan Rowe, Program committee member, Mountain –Plains Museum Association
• Susan Rowe, Steering Committee member, Texas Children in Nature Initiative
• Susan Rowe, Regional Representative, Texas Association for Environmental Education

• Susan Rowe, Judge, state finals Texas History Day
• Susan Rowe, Committee member, ICOM-CECA Researchers’ Committee

2012 Youth Programs

• March, Spring Break Fest
• June, July - Summer Youth Programs (6 weeks)
• Throughout the year – Boy Scout and Girl Scout merit badge activities
• June – August, Covenant Learning Center: Thursdays at the Landmark

2012 Student Programs

• May – Environmental Awareness Week
• October – Fall Fest
• Throughout the school year – Archaeology and Cultural History, Small Wonders, Hands-On Archaeology, Llano Estacado Nature Trails, Traveling Trunk Outreach Program, Lubbock Lake Landmark in the Classroom

2012 Family Programs

• March – Year of the Bat
• April – International Migratory Bird Day
• May – Annular Eclipse
• June – National Trails Day
• July – Archaeology Family Day
• October – Fall Fest: Celebration of Cultural Heritage
• November – If Rocks Could Talk: The Story of Cowhead Mesa for Children; Gallery Talk: Sacred Places and Ancient Texts: The Rock Art of Cowhead Mesa
• March through October – Landmark after Dark: Night Hikes

Biology students Crystal Perez and Jeremy Quang work to catalog a portion of the beetle (Coleoptera) collection. Photo by Heath Garner.