

# ANTHROPOLOGY NEWS

UNIVERSITY OF NEW MEXICO DEPARTMENT OF ANTHROPOLOGY NEWSLETTER SPRING 2015



Kawaiwete Baskets, photograph by Matt Tuttle

## CAREER ADVANCEMENT AWARD



Associate Professor Suzanne Oakdale has been awarded a Career Advancement Semester for fall 2015 from the College of Arts & Sciences. During that time she plans to finish her book manuscript, entitled *Amazonian Cosmopolitans*. This project is based on ethnographic and archival research and features the life stories of two Brazilian indigenous (Kawaiwete) leaders, Prepori and Sabino, whose lives spanned the twentieth century. Both played on-the-ground roles in high profile mid-century national projects such as the gathering of rubber during and after WWII, the construction of the first landing strips allow

airlines to fly over the forested interior, thereby connecting southern Brazilian cities directly to foreign metropolises, and the creation of Brazil's first multi-ethnic indigenous reservation/national park (Xingu Park) in 1961. Together their accounts highlight the significant contributions of indigenous individuals in these "modern" state projects at moments when they were typecast either as a part of nature to be "civilized" or as only just beginning to enter the national society. These men's accounts also challenge anthropological representations of lowland peoples as carrying out their lives predominantly in small, discrete, isolated communities, as they describe these men's involvement in vast networks and their engagement with a wide range of ideas at play in the Brazilian interior during the twentieth century.

Autobiographical accounts, so often overlooked in lowland anthropology, provide insight into how people move between, translate, and self-consciously reflect upon a wide range of ideas and "worlds." They also offer a counterweight to the frequent focus on myth texts in the ethnography of this area, bringing a more historical appreciation of indigenous Amazonian peoples' experiences.

Following her research semester, Oakdale is very excited to be teaching in the Honors College as a Distinguished Fellow during spring and fall of 2016. There she will offer courses on Amazonia, Brazil, ritual, and cosmology.

Dr. Oakdale has also published *Fluent Selves*, co-edited with Magnus Course, 2014, and *"I Foresee my Life": The Ritual Performance of Autobiography in an Amazonian Community*, 2005.



## BIOCLIMATE RESEARCH



Emily L. Jones, Assistant Professor, has used the archaeozoological record from late Pleistocene Iberia to show that humans responded to late glacial climate extremes in ways

specific to the macro-bioclimatic regions in which they lived. Nestedness, cluster (unweighted pair-group method using arithmetic averages [UPGMA]), and non-metric multidimensional scaling (NMDS) analyses suggest that in Mediterranean bioclimates, which were less impacted by glacial extremes, people implemented a general broad-spectrum hunting strategy. In the colder, more climatically extreme "Euro-Siberian" region, the data suggest a diversity of hunting adaptations, likely shaped by specifics of local environments. While technological change and increasing global connectivity since the Last Glacial Maximum (LGM) have moderated the direct impact of climate change on humans, these analyses – and others – suggest that local management rather than global decision-making will be key to human adaptations in environments most strongly affected by modern climate change. See: *Journal of Archaeological Science: Reports*; 2: 257–63, 2015.



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ANTHROPOLOGY

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**Water Canyon Paleoindian Site, Summer 2015**

The Office of Contract Archeology (OCA, a division of the Maxwell Museum of Anthropology) and the UNM Department of Anthropology are conducting an archaeological field school at the Water Canyon Paleoindian site. The field school will run from May 26 through June 21, 2015.

The Water Canyon site is a multi-component Paleoindian locale situated west of Socorro, NM, and associated directly with an extensive fossil wet meadow deposit, known as a “Black Mat.” The Black Mat represents an incredible archive of paleo-environmental and paleo-climatic proxy data. Currently, Late Paleoindian (ca. 9300 years old) and Cody Complex (ca. 11,100 years old) *Bison antiquus* bone beds have been uncovered at the site. A Paleoindian site such as this has not been seen in New Mexico since the discovery of the Clovis type site at Black-water Draw.

**Dr. Robert Dello-Russo**, Director of the OCA, will be the Principal Investigator at the field school and will be assisted by Christian Solfisburg and Patrice Walker, as Field Supervisors; Beth Parisi, as Laboratory Supervisor; and UNM graduate students **Cyler Conrad** and **Caitlin Ainsworth**, as Teaching Assistants.



Location of Cody Complex bison bone bed in Loculus 5, looking northeast. Photo by Robert Dello-Russo, 2013.

**Maxwell Museum of Anthropology**

**Evidence and Theory: Photographs from the Archive of the Maxwell Museum**

The Maxwell Museum of Anthropology Archive holds about 65,000 photographs, dating from the 1860s through the present. This exhibition, featuring photographs from the collection of the Maxwell Archive, is a small glimpse into the dynamic of how photographs come to be part of a museum collection, and what purpose they might serve in any given discipline or instance. *Opening May 1, 2015.*



Photo of excavation and shadow person: Unknown Photographer, (University of New Mexico, Archaeology Field School), Chaco Canyon, New Mexico, 1930s.

**A-E Y’AMA: The Power of Brass in the Kingdom of Benin**

In 2014 a private collector donated a Benin brass plaque to the Maxwell Museum. How did it end up in Albuquerque? What other histories does it tell from its worldly travels? Here is a story of global trade and conflict; an African kingdom and its people; the power and artistry of brass; and how the Maxwell Museum is part of a global dialogue about cultural heritage. This exhibit is the 2015 museum studies graduate seminar’s answer to the question posed by the course: “What Is a Museum Object?” *Opening June 12, 2015.*

**Mexico at the Hour of Combat: Sabino Osuna’s Photographs of the Mexican Revolution**

Sabino Osuna, a skilled portrait photographer who lived in Mexico City, was among the many photographers who appeared on the scene to photograph the Revolution. The images he produced cover primarily the early years of the Revolution, and this exhibition marks the first time his photographs of the revolution have been seen. The fifty-six images selected for this exhibition come from the Osuna Collection of 427 glass negatives that are held in the University of California Riverside Libraries Special Collections & Archives. *Opening August 14, 2015.*



Professor and Chair Les Field

**A Message from the Chair**

Greetings from the second floor of the UNM Anthropology Building! This has been my first semester as Chair of this historic and illustrious department and it has been an excellent semester all around. Our department will shortly conclude the hire of a new assistant professor in the Evolutionary Anthropology program—more on that in the fall. We are looking forward to new hires in Archaeology and Ethnology in the years to come that will build on the existing strengths in the anthropology and archaeology of the Southwest, Latin America, and indigenous peoples. Our faculty continue to produce a rich variety of publications from their research programs. Lawrence Straus' internationally recognized findings at the El Mirón Cave (see p. 7) are the latest in a long iteration of widely lauded accomplishments among this faculty.

Our graduate students have also done extraordinarily well. From Will Taylor, who received awards from the National Science Foundation, the National Geographic Society, and a Fulbright Research Fellowship, to Blaire Topash Calwell, who is a 2015 Indigenous Ethnobiologist Fellow of the Society for Ethnobiology, to Cyler Conrad, who received the School of Advanced Research Arroyo Hondo Grant in the Fall of 2014, our graduate students are supported by awards from prestigious national foundations and organizations. There are many more awards that our graduate students have received, so please peruse the pages of this newsletter to find out more about them.

It will be my great pleasure to preside over this year's departmental Convocation ceremony on May 9. We invite you all to join us in the celebration of the accomplishments of our undergraduate majors and of those who have earned their graduate degrees. Many warm thanks to our alumni and to the numerous friends of this department who support our work, growth, and vision.

Best wishes to all. *Les Field*

**Mongolian Horse Domestication**

*by William Taylor (PhD Candidate, Archaeology)*

My research involves the application of archaeological techniques to the study of horse domestication and use in ancient Mongolia. I've spent the last several years analyzing wild and domestic horse crania from museums across North America. As part of this project, I've identified changes to the skull of the horse which may be related to harnessing and heavy exertion, and could be useful in investigating ancient horse use through archaeological materials. Collections studied so far include those at the International Museum of the Horse, the Idaho Museum of Natural History, the Smithsonian National Museum of Natural History, the Navajo Nation Veterinary Clinic, and UNM's Museum of Southwestern Biology.

Using information gathered from these modern museum collections, I am hoping to expand our understanding of horse use in late Bronze Age Mongolia. Ritually-buried horse heads are commonly recovered from archaeological sites belonging to the *Deer Stone-Khirigsuur culture*, circa 1300–700 BCE, a time period for which little is known about Mongolian history. Horse remains from this period thus hold clues to important historical developments, such as the initial adoption of nomadic herding in Mongolia, and the spread of chariots and horseback riding into East Asia.

My dissertation will consist of three complementary studies. The first evaluates the impact of horse transport on the skull, using a 3D scanner to identify the osteological effects of particular harness equipment and transport activities and applying these criteria to the late Bronze Age specimens. The second study uses age and sex estimates provided by archaeological horse teeth to identify ancient herd management techniques, and will test the hypothesis that late Bronze Age people bred and kept horses for subsistence. Finally, I hope to create a precise radiocarbon chronology for the Deer Stone-Khirigsuur culture, so that my results may be compared with other late Bronze Age cultural in East and Central Asia.

This summer, I will be conducting excavation and collections study in northern Mongolia and the capital city of Ulaanbaatar, with support from National Geographic and the National Science Foundation. I plan to spend the 2015-16 academic year in Mongolia on a Fulbright Research fellowship, studying a large sample of Iron and Bronze Age horses in Ulaanbaatar while developing my language skills.

*Mr. Taylor's research has been recognized and supported by the International Council for Archaeozoology and the Frison Institute for Archaeological Research. He received the Department's Broilo-Basehart Award in 2014, and recently was awarded a Doctoral Dissertation Improvement Grant from the National Science Foundation, Fulbright Research Fellowship, and a Young Explorer's Grant from the National Geographic Society to excavate in northern Mongolia in summer 2015.*



Will Taylor, Terelj, Mongolia.

# STUDENT AWARDS, PRESENTATIONS AND PUBLICATIONS

## PhD Recipients Spring 2015

**Cheryl Fogle-Hatch** *Explanations for Morphological Variability in Projectile Points: A Case Study from the Late Paleoindian Cody Complex*, Bruce B. Huckell and Lawrence G. Straus, Co-chairs

**Char Peery** *New Deal Navajo Linguistics and Language Documentation*, David Dinwoodie, Chair

**Corey Ragsdale** (With Distinction) *Cultural Interaction and Biological Distance among Postclassic Mexican Populations*, Heather J. H. Edgar, Chair

**Marnie K. Watson** (With Distinction) *From Rural Street Theater to Big City Extravaganza: The Meaning of the Manaus Boi-bumbá in an Urbanizing Brazil*, Suzanne Oakdale, Chair

## Masters of Arts/ Masters of Science Fall 2014 - Spring 2015

Nicholas Barron  
Kathleen Hoepfner  
Beau Murphy  
Jenna Strawbridge  
Maren Svare  
Cyler Conrad

## Poster Presentations

**Hamilton, Marian I.** *The case for uncertainty: How much variation is enough? Strontium isotopes and geochemical versus geospatial sources*, American Association of Physical Anthropologists, St. Louis, MO, March 25–29 2015.

**Przystupa, Paulina F.** *Idyllic childhood or practical placement: Examining children's homes using GIS, remote sensing, and landscape archaeology*, Society for American Archaeology 80<sup>th</sup> Annual Meeting, San Francisco, CA, April 15–19, 2015.

**Rautman, Anna L. M.** *Developmental tradeoffs of the dental and skeletal systems*, American Association of Physical Anthropologists, St. Louis, MO, March 25–29 2015.

**Whitney, Kristina.** *Historic Pueblo flat-backed canteens: How were they made and how were they used?* Society for American Archaeology 80<sup>th</sup> Annual Meeting, San Francisco, CA, April 15–19, 2015.



Spring 2015 PhD recipients, left to right: Cheryl Fogle-Hatch, Char Peery, and Corey Ragsdale.



## Presentations

**Alvarado, Louis.** *Men's Life History and Buffered Hormonal Regulation of Skeletal Muscle Phenotype: A Test of the Paternal Provisioning Hypothesis in Rural Polish Men*, 27<sup>th</sup> Annual Meeting of Human Behavior and Evolution Society, University of Missouri, Columbia, MO, May 27–30, 2015.

**Barron, Nicholas.** *Making Alternative Technologies and Networks of Knowledge: The Politics of Archives and Language Revitalization amongst Californian Indians*, Cultural Studies Association, Riverside, CA, May 20–24, 2015.

**Barron, Nicholas.** *Contested Knowledges: Anthropological 'Expert' Witnesses and the Indian Claims Commission in Mid-20th Century California*, Native American and Indigenous Studies Association Conference, Washington, D.C., June 4–6, 2015.

**Brewer, Katie.** *Engendered Death: A Comprehensive Analysis of Identity in the Mission System of Seventeenth Century Spanish Florida*, 48<sup>th</sup> Annual Society for Historical Archaeology Conference on Historical and Underwater Archaeology, Seattle, WA, January 6–11, 2015.

**Brewer, Katie.** *Tiles of the Trade: Historic Ceramic Tiles since the Late 19<sup>th</sup> Century*, 19<sup>th</sup> Annual Anthropology Graduate Student Union Conference, Albuquerque, NM, April 3–4, 2015.

**Cominello, Leigh A. R.** *The Wetherill Homestead and Trading Post, Chaco Culture National Historical Park, New Mexico*, Society of Historical Archaeology Conference on Historical and Underwater Archaeology, Seattle, WA, January 6–11, 2015.

**Fontes, Lisa M.** *The Initial Magdalenian at Urtiaga Cave (Deba, Gipuzkoa, Spain): A Preliminary Presentation*, Progress in Quaternary Archive Studies in the Iberian Peninsula, Seville, Spain, March 12–13, 2015.

Geiling, J. M., **Fontes, Lisa M.**, Belen Marín Arroyo, A., Straus, L. G., and González Morales, M. R. *Distinguishing Drop Zones: Lithic and Faunal Perspectives on Lower Magdalenian Activity Areas in El Mirón Cave, Cantabria, Spain*, Annual Meeting of the Hugo Obermaier Society for Quaternary Research and Archaeology of the Stone Age, Heidenheim, Germany, April 7–11, 2015.

**Koehl, Anthony** and Long, J. C. *Modeling Ancestral Source Populations in Genetic Ancestry Analyses*, 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25–28, 2015.

**Mosley, Carmen**, Healy, M., Hunley, K., and Edgar, H. J. H. *Exploring Hispanic Identity: Relationships among Socioeconomic Status, Genetic Ancestry, Skin Color, and Ethnicity in the Land of Enchantment*, 75<sup>th</sup> Annual Meeting of the Society for Applied Anthropology, Pittsburgh, PA, March 24–28, 2015.

**Ragsdale, Corey.** *Cultural Interaction and Biological Distance among Postclassic Mexican Populations*, 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25–28, 2015.

**Ragsdale, Corey.** *Biological Distance of Huastec, Veracruz, and Maya Groups*, 80<sup>th</sup> Annual Meeting of Society for American Archaeology, San Francisco, CA, April 15–19, 2015.

Kirk, S., **Thompson, Amy E.**, and Lippitt, C. D. *Predictive Modeling for Site Location using a Multi-layer Perception Approach*, 19<sup>th</sup> Annual AGSU Conference, Albuquerque, NM, April 4, 2015.

**Thompson, Amy E.** *A Comparative Analysis of Settlement, Environment, and the Social Landscape at the Ancient Maya Centers of Uxbenká and Ix Kuku'il, Toledo District, Belize*, 80<sup>th</sup> Annual Meeting of Society for American Archaeology, San Francisco, CA, April 15–19, 2015.

**Yetish, Gandhi**, J. Siegel, M. Gurven, and H. Kaplan. *Greater Family Size is Associated with Less Sleep among Tsimané Parents*, 84<sup>th</sup> Annual Meeting of the American Association of Physical Anthropologists, St. Louis, MO, March 25–28, 2015.

## RUTH KENNEDY AWARD

## FRIEDA BUTLER AWARD

### Processes of Emplacement & Sustainability: Lifestyle Migration and Community Development

Jennifer Cardinal's (Ethnology) research focuses on the Mexican coastal community of La Manzanilla as it undergoes transition with much of the beach-front land being privatized for luxury resort development. La Manzanilla is a tourist destination of approximately 1500 residents, roughly a quarter of whom are foreign lifestyle migrants. Lifestyle migration, i.e., migration primarily by the middle and upper classes, is an increasingly popular extension of tourism. Cardinal's research attends to the relationships between lifestyle migrant practices of emplacement, and the agentive practices of young Mexican residents, illustrating ways in which the latter are positioning themselves as agents of tourism and community development in La Manzanilla. *Research supported by UNM Office of Graduate Studies, LAII, the Tinker Foundation, GPSA, and UNM Department of Anthropology.*



### The Architecture of "Good Sense" in the Old City of Acre - Caitlin Davis (Ethnology)

I investigate two moments of architectural transformation in the Old City of Acre, uncovering the different ways in which British urban planners built "good sense" into the varied architectures of the cityscape. I pinpoint how these planning activities entrenched a new way of interacting with space, which has subsequently become part and parcel of a generalized "common sense," internalized in the bodies and minds of individual subjects. My ultimate goal, though, is to demonstrate the extent to which Jewish-Israeli attempts to preserve the Old City of Acre actually conserve the ways in which (settler) colonial power has been built into the architectural landscape, a power rendered invisible as it shapes the micro-practices of everyday life.



## 19th ANNUAL AGSU CONFERENCE

The annual Graduate Student Conference was held in the Hibben Center April 3–4. Poster, oral, and panel presentations were made plus the Field Photographic exhibition/contest with the theme *Anthropology: Up Close & Far Away*. It was won by **Kate Rusk** (UNM) for *Up Close* and **Jonathan Fanning** (Colorado State U) *Far Away*. A silent auction was held to benefit UNM anthropology students to conduct research, create exhibits, and plan programming events with the Maxwell Museum of Anthropology.

Papers presented were: **Nicholas Barron** (Ethnology), *Twilight Zones of Knowledge Production: Anthropology and the Indian Claims Commission*; **Len N. Beké** (Ethnology), *Traditional Toponymy of the Valle de Pecos*; **Katherine Brewer** (Archaeology), *Tiles of the Trade: Historic Ceramic Tiles since the Late 19<sup>th</sup> Century*; **Eric Fries** (UMAP) *A Regional Approach to Peripheral Maya Settlement at Spanish Lookout, Belize*; **David Gowey** (N. Arizona Univ), *Woman as Moral Arbiter in the Panay Bukidnon Sugidanon*; **Marian Hamilton** (Evolutionary Anthropology), *Inferring Dispersal and Ranging Size via Strontium Isotopes: Preliminary Data from Kibale National Park*; **Stacie Hecht** (Ethnology), *Afro-Columbians and the Encroachment of Paramilitaries on the African Palm Oil Sector*; **Erin Hegberg** (Archaeology), *Raised by Prehistorians: Archaeology in the Theoretical Borderlands of Prehistory and History*; **Scott Kirk, Amy E. Thompson** (Archaeology), and C. D. Lippitt, *Predictive Modeling for Site Location using a Multi-Layer Perception Approach*; **Maren Else Svare** (Ethnology), *Beyond the Great Houses: Invisible Structures at Chaco Canyon*; **Amy E. Thompson** (Archaeology), *A Comparison of Settlement, Environment, and the Cultural Landscapes at the Ancient Maya Centers of Uxbenká and Ix Kuku'il, Southern Belize*.

Posters presented were: **James A Davenport** (Archaeology), *LA-ICP-MS Analysis of Inka and Pre-Inka Ceramic Pigments from the Temple of the Sun, Pachacamac*; **James A. Davenport** (Archaeology), *Provisioning State-Sponsored Ceremonies in the Provinces: Neutron Activation Analysis of Inka and pre-Inka Ceramics from the Temple of the Sun, Pachacamac*; **Christine T. Kolar** (UT San Antonio), *Lost among the Heather: The Fall of the Scottish Clans*; **Jennie Sturm** (Archaeology), *Using Ground-Penetrating Radar to Study Sites in the American Southwest: New Approaches to an Old Method*; **Kristina Whitney** (Archaeology), *Historic Pueblo Flat-Back Canteens: How Were They Made and How Were They Used?*

Keynote presentation was given by **Patricia Crown**, Distinguished Professor at UNM, on *Resolving Drinking Problems in Archaeology*.

**The AGSU would like to thank their sponsors: GPSA at UNM, Alfonso Ortiz Center for Intercultural Studies, Undergraduate Anthropology Society, Anthropology Graduate Student Union, and Maxwell Museum of Anthropology, and the AGSU Conference Committee. Special thanks to Les Field, Frances Hayashida, James Davenport and C. L. Kieffer for their charitable donations.**

Tano I' ManChamorro near Fuha Rock, Guam, by Jonathan Fanning



Choeung Ek Killing Fields Memorial, Cambodia by Kate Rusk



## External & Department Graduate Awards

**Valorie Aquino** received a Wenner-Gren Dissertation Fieldwork Grant for her project, "Comparison of a Community-Scale Political Adaptive Cycle and a High-Resolution Paleoclimate Record at Uxbenka, Belize," June 2015-April 2016; **Nick Barron** has received a GPSA Student Research Grant, Spring 2015; **Katie Brewer** received a Binford scholarship for the past year and received a GPSA student research grant; **Blaire Topash Caldwell** received the 2015 Indigenous Ethnobiologist Fellow of the Society for Ethnobiology. Her research project is "Anishinaabe Artisanry and Traditional Ecological Knowledge: Intersections of National Resource Management Policy and the Emerald Ash Borer in the Great Lakes;" **Leigh Cominella** received a UNM Department of Career Services Student Conference Award Program (S-CAP) Grant, Spring 2015; **Cyler Conrad** received the School of Advanced Research Arroyo Hondo Grant, Fall 2014, for "Stable Isotope Analysis of Arroyo Hondo Turkey Bones; **Marian I. Hamilton** received a Sigma Xi Grant in Aid of Research for 2015; **Cassie Smith** received a Professional Development Grant from UNM Graduate and Professional Student Association and a Doctoral Conference Award from UNM Office of Graduate Studies; **Will Taylor** received a National Science Foundation Doctoral Dissertation Improvement Grant for "Utilization of Domestic Horses In Historical and Ecological Context," a Fulbright Research Fellowship, and a National Geographic Young Explorer's Grant to fund excavation in Mongolia, summer 2015; **Amy E. Thompson** received the Rogers Research/Project Award from UNM Office of Graduate Studies; **Kristina Whitney** has received a New Mexico Research Grant for Spring 2015 for her project, "Historic Pueblo Flat-Backed Canteens: Their construction, use, and distribution in the Southwest."

**Carolyn Gabe, Chris Merriman and Marilyn Riggs**, were all awarded 2015–2016 Hibben Senior Awards.

**Cyler Conrad** received the School for Advanced Research Arroyo Hondo Grant award for research conducted in spring, 2015. This award is funding the stable isotopic analysis of 80 turkey bones from Arroyo Hondo Pueblo, and a scanning electron microscope analysis of the turkey egg shells from the site. He is using original material excavated in the 1970s by Dr. Douglas Schwartz and colleagues at Arroyo Hondo, a 1,000-room, fourteenth-century settlement.

His goal is to better understand turkey husbandry practices at this site based upon their dietary/climatic isotopic signature and the use and role of turkey eggs. For example, by isotopically analyzing the turkey bones one can identify if they were maize fed, or ate a 'wild' diet. The eggs will help indicate if turkey eggs were consumed for food or ritual purposes at the site, or if turkeys were being reared to increase flock size and provide a meat source.

This project is being conducted in collaboration with his advisor, Emily Lena Jones, Assistant Professor, Department of Anthropology, and Seth Newsome, Assistant Professor, Department of Biology.

## Undergraduate Awards

**Cybele Carpenter** has received the Ann Ramenofsky Honors' Student Award; **Alicia Becenti** received the Ortiz Indigenous Scholarship; **Lyra Helms** received the Barbara MacCaulley Endowment Scholarship; and **Samantha Ascoli** has received the Krisztina Kosse Memorial Scholarship.

The Department would like to congratulate some of our more recent alums who have taken up new positions:

**Phil Geib**, Preservation Archeologist, State Historic Preservation Office, State Historical Society, Lincoln, NB

**Kelly Monteleone**, Seasonal Instructor, University of Calgary, AB, Canada

**Carmen Mosley**, Teaching Fellow in Sociology/Anthropology, and Museum Studies, Earlham College, Richmond, IN

**Char Peery**, Writing Consultant, Writing Center, Temple College, Temple, TX

**Vitale Sparacello**, Post Doctoral Research Associate, Department of Archaeology, Durham University, UK



## Anthropology Fundraising Program

Your support helps our students and faculty pursue their research and promote scholarship. Private philanthropy enables students to pursue PhD research site development, attend national meetings, meet with out-of-state mentors and peers, facilitate foreign research experiences, and just have the time to write up their work. To give online, please visit <http://anthropology.unm.edu/contributions.htm>

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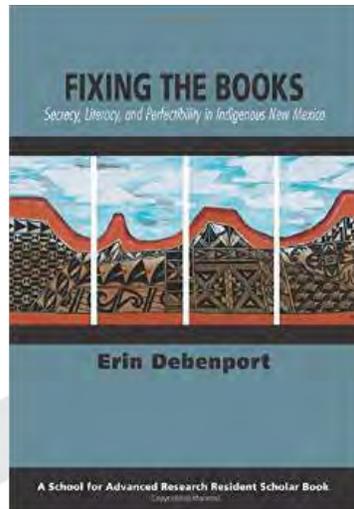
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## FACULTY UPDATES

**Erin Debenport**, Assistant Professor, has just published her new book *Fixing the Books: Secrecy, Literacy, and Perfectibility in Indigenous New Mexico* which presents research she conducted on an indigenous language literacy project within New Mexico. This is an analysis of the decision to produce written materials in an environment that is historically oral and whether that decision is at odds with the conservative cultural and linguistic heritage of Southwest tribes. This ethnographic study provides a complex picture that includes secrecy, intellectual property rights, and the multiple language ideologies being utilized by community members. SAR Press, 176 pp. ISBN 978-1-938645-47-1. Also published as E-book, ISBN 978-1-938645-48-8.



**Heather Edgar** (Curator/Assistant Professor) has been elected President Elect of the Dental Anthropology Association. The Association has approximately 400 members internationally, organizes research symposia and workshops, publishes a journal, and awards student research prizes. She will serve in this capacity for one year, and then as the President for three years.

**Les Field**, Chair and Professor of Anthropology, has received a Wenner Gren International Workshop Grant for April 2016. *Possible Futures: Comparative Perspectives on Collaborative Research In Anthropology In North And Latin America*, is co-organized by Les Field (UNM), Eric Lassiter (Marshall University Graduate College), and Joanne Rappaport (Georgetown University). This 3-day workshop will be held in New Orleans.

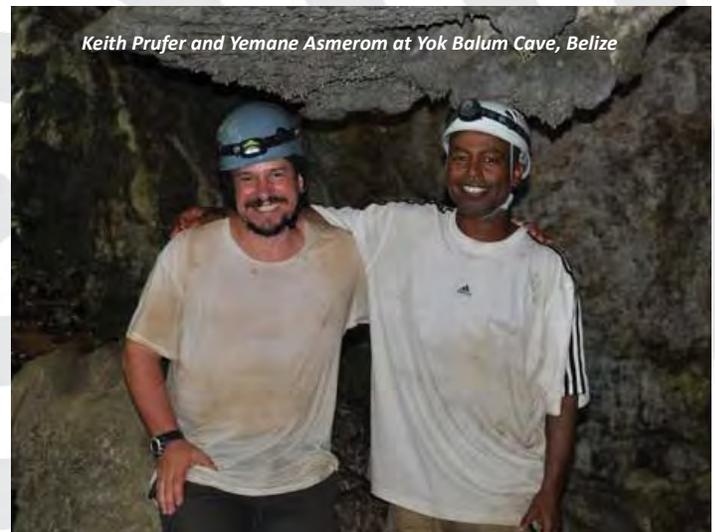
**James Dixon**, Professor and Director of the University of New Mexico's Maxwell Museum of Anthropology, has been appointed to the National Science Foundation's (NSF) Advisory Committee on Geosciences. UNM Provost Chaouki Abdallah said, "Dr. Dixon's appointment is a well-deserved recognition for his contributions to archaeology and anthropology. He has served UNM as a teacher, researcher, and Director of the Maxwell Museum, and now he joins a distinguished group of scholars from across the country." The Directorate of Geosciences includes the Divisions of Atmospheric and Geospace Sciences (AGS), Earth Sciences (EAR), Ocean Sciences (OCE) and Polar Programs (PLR). Polar Programs encompasses both Arctic and Antarctic research at NSF.



**Louise Lamphere**, Distinguished Professor Emerita, *vs. Brown University* was commemorated this spring with a special symposium held at the Pembroke Center for Teaching and Research on Women, part of the 250<sup>th</sup> Anniversary of the Founding of Brown University celebrations. This landmark

lawsuit brought by Professor Lamphere charged Brown with sex discrimination. In 1973, Lamphere was a researcher in the nascent field of feminist anthropology and when refused tenure in 1974 she brought a class-action suit against the University where, at that time, 97% of the tenured faculty was male. This successfully argued lawsuit changed the gender bias and paved the way for increased faculty equality in American universities. For more information on this case and its impact, please go to the Pembroke exhibition at <https://pembrokeexhibits.squarespace.com/> and *Diverse: Issues in Higher Education* at <http://diverseeducation.com/article/70377/>

**Keith Prufer**, Associate Professor, and Yemane Asmerom, Professor, Department of Earth & Planetary Sciences, are part of a team exploring Yok Balum cave in Belize. Using uranium thorium dating, the team, which includes UNM Archaeology PhD student **Valorie Aquino**, reconstructed rainfall records stretching back 450 years from speleotherm samples containing aragonite, which has a high uranium content. This research, titled *Aerosol forcing of the position of the intertropical convergence zone since AD 1550*, was published online in *Nature Geoscience* on February 9, 2015. The results indicate a significant drying trend beginning about 1850 that parallels the rise in sulphate aerosols in the atmosphere linked to industrialization in Europe and North America.

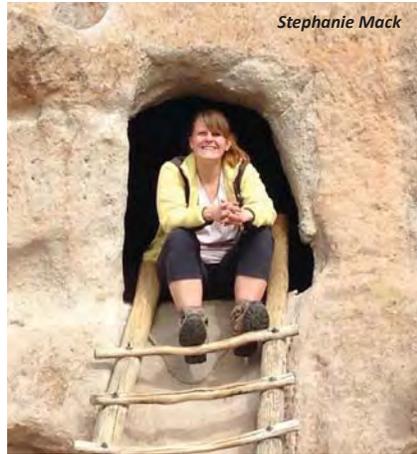


**Lawrence G. Straus**, Leslie Spier Distinguished Professor, has been featured in both the national and international news recently. His work at El Mirón cave with Spanish colleague Manuel González Morales, and especially the find of human remains dubbed the "Red Lady," was featured as the lead article in *NewScientist* in March, 2015. In the past few weeks he has also been interviewed by the *Daily Mail-UK*, online, and the Spanish BBC.

"Aged between 35 and 45 when she died, she was laid to rest alongside a large engraved stone, her body seemingly daubed with red pigment. Small, yellow flowers may have adorned her grave 18,700 years ago," Straus said. The Red Lady was a member of the Magdalenian people of the late Upper Paleolithic. Although the skeleton is incomplete, Straus hopes that her DNA, being analyzed at the Max Planck Institute in Leipzig, will provide evidence that these southern Magdalenians went on to repopulate northern Europe, including Belgium, Germany, and the UK.

# PUBLIC ARCHAEOLOGY AND OUR CULTURAL HERITAGE

Three students in the Public Archaeology master's program are making a difference in preserving our cultural heritage in the southwest. **Stephanie Mack** is currently researching land-use patterns of hunters and gatherers from Early to Late Archaic sites in southeastern Arizona. She is using a combination of ESRI ArcGIS, paleoclimate, and ecological data in an attempt to determine the driving force for Archaic people to choose to occupy the slopes of the Huachuca Mountains in Coronado National Memorial. "This work is exciting, as I have always found hunters and gatherers a very intriguing topic. Moreover, very limited archaeology has been done in Coronado National Memorial and so it is thrilling to be able to enrich the knowledge of prehistory in the park."



Stephanie Mack



Forest Service employees with Manny Chavez (center), archaeologist Sandra Arazi-Coombs and Katherine Shaum (far right), L to R front: archaeologists Christina Sinkovec and Jess Gisler.



**Jeff Hall's** project involves geoarchaeological investigations at two sites in the Valles Caldera National Preserve, NM. Both sites have been used prehistorically as procurement loci for Cerro del Medio obsidian, and one seems also to have been a camp or short term residential site. Interpretation of the sites beyond their use as obsidian quarries has been somewhat limited by an uncertainty in the degree to which the soil has been disturbed by fossorial rodents (most likely pocket gophers) and other agents of bioturbation. Hall's work involves analysis of the spatial distribution of obsidian artifacts and naturally occurring stones in the soil and across the sites to tease out information on deposition and disturbance, so that a better understanding of human activity at the sites can be achieved.

**Katherine Shaum's** research is focused on how federal land management agencies manage their archaeological sites. In particular, how organizations such as the National Park Service, Forest Service, and Bureau of Land Management try to discourage vandalism, especially graffiti, and how these agencies mitigate and remove graffiti to restore sites. Her project also considers the possible historical significance of graffiti and its potential importance for archaeologists.

In volunteering for the Heritage Resources Program within the Cibola National Forest and in working for **Angelyn Bass**, Research Assistant Professor of Anthropology at UNM, Katherine has been exposed to many site management issues and graffiti removal projects. Katherine is currently the project coordinator on a State of New Mexico 2015 Historic Preservation Grant Award to remove graffiti from Sandia Cave and erect new signage there to educate people about the history of the site.



Valles Caldera National Preserve

## SUPPORT OUR NEWSLETTER

To support the Anthropology Newsletter, the department has designed the bag and mug pictured to the right. The 12 oz. mug is black and red, and the shopping bag, made of 100% recyclable materials and has been manufactured to reduce the use of plastic bags. It is available in five colors: red, forest green, black, chocolate, and navy blue, and is machine washable (do not put in dryer). You can receive either item for a donation of the following amount (prices include shipping within United States):



Embossed Mug: \$15 Embossed Recyclable Bag: \$12.50

### How to Purchase Gift Items

Please make your donations by check or credit card payable to UNM Foundation (be sure to indicate the fund you wish to support).

Please send to Jennifer George, Department of Anthropology, MSC01 1040, 1 University of New Mexico, Albuquerque, NM 87131-0001.

## MARK YOUR CALENDARS!

### XLI JAR Distinguished Lecture

Debra Martin, Lincy Professor of Anthropology, University of Nevada Las Vegas, Sept. 24-25, 2015.

See <http://www.unm.edu/~jar/> for updates.

### 114<sup>th</sup> AAA Annual Meeting, Denver, CO

Nov. 18-22, Colorado Convention Center

<http://www.aaanet.org/>

### Exhibition Opening: "The Guaqueros went Door to Door"

Featuring the research of Dr. Les Field.

Maxwell Museum of Anthropology, fall 2015.

### 7<sup>th</sup> Annual Maxwell Museum Rug Auction

Nov 21, 2015, 11:00 am viewing, 1:00 pm auction, Prairie Star Restaurant, Bernalillo, NM. Info: (505) 277-4405.