

# UNM ANTHROPOLOGY

UNIVERSITY OF NEW MEXICO DEPARTMENT OF ANTHROPOLOGY ANNUAL NEWSLETTER 2018/2019

## THE UNM ANTHROPOLOGY CLASS OF 2019



Pictured Above (left to right): 2019 PhD graduates Jessica Gross, Alexis O'Donnell, Meng Zhang, Carmen Mosley, Jillian Jordan, and Kate Rusk

UNM Anthropology is one of the largest programs in the country, ranking among the best in graduate education, providing diverse student opportunities for field and laboratory training, and producing new and exciting research, scholarship, and creativity. Anthropology is a premier program at UNM, central to the University's mission, and serving to enhance and strengthen public education in the State.

Anthropology is the most inclusive discipline in the Arts and Sciences with the greatest breadth of interests encompassing the entire human experience studied in the humanities, social and natural sciences. Our field is a microcosm of disciplinary diversity. We do this by virtue of the long time depth (in the millions of years), geographic span (the planet), and variety of peoples included in our studies.

**John Adair**, a notable visual anthropologist and veteran of World War II, was awarded the first UNM Anthropology PhD in 1948. His dissertation, entitled *"A Study of Cultural Resistance: The Veterans of World War II at Zuni Pueblo"* was an important early ethnographic study. Since then, Anthropology has awarded more than 400 doctorates. Our graduates teach at more than 100 universities and colleges in the US and internationally. Our 2019 doctoral graduates are: **Nicholas Barron** (Ethnology), **Kristin Fitzgerald** (Ethnology), **Jessica Gross** (Evolutionary Anthropology), **Meghan Healy** (Evolutionary Anthropology), **Jillian Jordan** (Archaeology), **Carmen Mosley** (Evolutionary Anthropology), **Alexis O'Donnell** (Archaeology), **Kate Rusk** (Evolutionary Anthropology), and **Meng Zhang** (Archaeology). Several students in our doctoral program will be receiving their masters degrees this Spring, before continuing in their doctoral work: Ethnology students **Brittany Caruso** (MA), **Emily Guerra** (MA), **Sarah Leiter** (MA), **David Lindville** (MA), and **Rebecca Prinster** (MA), Archaeology students **Katherine Peck** (MS) and **Thatcher Rogers** (MS), and Evolutionary Anthropology student **Hannah MacDonald** (MA).

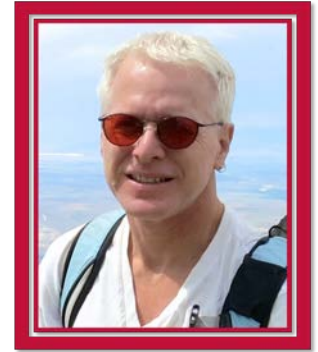
The **UNM Department of Anthropology's Masters in Public Archaeology** program is designed for students who wish to pursue a terminal MA or MS degree with a focus in applied archaeology. Directed by **Dr. Emily Jones**, this two-year program gives students the ability to customize their coursework based on their interests, while providing both a firm grounding in archaeological method and theory and practical experience in applied archaeology. This year, our Public Archaeology Master's graduates are **Emma Cook** (MA), **Adesbah Foguth** (MA) and **Jana Meyer** (MS), who will be joining the doctoral program in Archaeology this fall.

The **Anthropology Undergraduate Honors Program** is meant to intensify the student's knowledge in an area of specialized research and to relate this knowledge to the broader concerns of anthropology through the dialogue of an optional seminar. The program assists students in establishing individual mentoring for their senior year and graduate plans, and students work closely with a faculty advisor in their area of concentration. We are pleased to announce the graduation of six undergraduate honors students this year: **Aimelda Mariel Angel** (BS), **Miranda LaZar** (BA), **Yvonne Leiby** (BA), **Lyandra Lujan** (BA), **Jamie Stevens** (BA), and **Stephen West** (BS). In addition, over 30 Anthropology majors will receive their degrees in Anthropology at the Spring convocation on May 11, 2019.

[anthropology.unm.edu](http://anthropology.unm.edu)

# OUTGOING CHAIR: Dr. Les Field

In 2018-19, the **90th Anniversary** of this department and upon concluding an **Academic Program Review**, we've rededicated ourselves to the future of our historic and renowned department. In that light, we are very pleased to announce that this spring we will recognize nine PhDs across all three subfields who successfully defended their dissertations. This is one of the largest classes of PhDs we have had in this department, which speaks volumes to our fantastic students and our mentorship of them. Students' accomplishments this year have been varied and very significant, so please refer to the **Students Awards and Research** section of this Newsletter.



Professor and Chair Les Field

Among the amazingly numerous highlights from students in the three subfields:

**Dr. Will Taylor** (Archaeology) won the prestigious UNM-wide **Tom L. Popejoy Dissertation Prize** for his dissertation **"The Origins of Horse Herding and Riding in the Eastern Steppe;"**

**Blaire Topash-Caldwell** (Ethnology) won the **2019-2020 American Indian and Indigenous Studies Pre-Doctoral Fellowship** at Michigan State University to complete her dissertation **"Indigenous Science Fiction and Eco-Politics at the Edge of Neshnabé Space-Time;"** and

**Stephanie Fox** (Evolutionary Anthropology) was awarded a **Leakey Foundation Grant** for her proposal **"Social tolerance and the function of differentiated relationships among wild female chimpanzees."**



Stephanie Fox

The awards from the **Hibben Foundation**, the **Center for Regional Studies**, the **Latin American and Iberian Institute** and so many other funding sources and institutions underscore for us and the greater academic community the high quality and future impact of our incredible students.

Our department faculty make substantive contributions in national and international research through their achievements. Some examples include:

**Dr. Frances Hayashida**, who has been promoted to Full Professor, and who concluded her **Fulbright Fellowship** research in Chile at the end of 2018.

**Dr. Keith Prufer's** work with a remarkable collaborative group of scientists, published in the journal **Cell**, linked Early Holocene human DNA in Belize earliest populations in North and South America.

**Dr. Patricia Crown**, winner of the **A.V. Kidder Medal** at the 2018 Annual Meetings of the **American Anthropological Association**, has received a **Weatherhead Resident Scholar Fellowship** for 2019-2020 from the **School of Advanced Research (SAR)** in Santa Fe to work on a major book highlighting 20 years of her research at Pueblo Bonito.

**Dr. Heather Edgar's National Institute of Justice (NIJ)** funded research to create a decent data-base will be of incalculable value to many kinds of researchers.

This faculty continues at the forefront of national and global scholarship and innovation. Please take a good look at the **Department Research** pages.



Blaire Topash-Caldwell

None of this would be possible without the expertise and energy of the department staff. We wish **Cathy Osborn** the best in her retirement and thank her for her service to the department. This spring we welcomed back **Carla Sarracino** as Coordinator of Education Support, who takes the helm of a large number of responsibilities in this department- - how did we manage without her? Likewise, I deeply thank **Matt Tuttle**, (Graduate Advisor), **Jonella Vasquez** (Department Accountant), **Alisha Barber** (Administrative Assistant), and **Manny Lopez** (Undergraduate Advisor) for all that they do, expertly and efficiently to keep this department a fantastic workplace. Special thanks to Department Administrator **Jennifer George** for making an endless list of accomplishments and responsibilities- - including this Newsletter - - possible and successful.



Carla Sarracino

After serving as chair since January 2015, it is my great pleasure to welcome the next department Chair, **Dr. Keith Hunley**!

## INCOMING CHAIR: Dr. Keith Hunley

Dr. Keith Hunley has been selected by the Department Faculty as Department Chair for a two year term. Dr. Hunley obtained his undergraduate degree in biology from *Purdue University* and his PhD in anthropology from the *University of Michigan*. His research in evolutionary anthropology focuses on human origins and dispersal. He was hired as an Assistant Professor at UNM in 2005 and received tenure in 2011. As Director of the Undergraduate Committee for the past 11 years, he has worked with committee members and other faculty to write learning objectives and assessment protocols for our degree programs and core courses. As Associate Chair, he helped to prepare the decennial Academic Program Review. The department is pleased to welcome him to the position, and thanks Dr. Field for four years of service as Department Chair.



Dr. Keith Hunley

## ACADEMIC PROGRAM REVIEW (APR)

The UNM Department of Anthropology underwent a 10-year *Academic Program Review (APR)* for accreditation. The UNM APR office states that the purpose of the review is “to assess [the department’s] prior achievements and goals, and to use this evaluation as input for future planning and goal-setting activities.” As part of the APR process, the department conducted an extensive self-study that assessed past achievements and future goals in teaching, research and service.

The self-study was evaluated by an external review team during an extensive on-site visit that culminated in a presentation to UNM administration. The review team consisted of Dr. John Mitani (James N Spuhler Collegiate Professor of Anthropology at the *University of Michigan*), Dr. Barbara Voorhies (former chair of *University of California, Santa Barbara* and the *University of Colorado, Boulder*), and Dr. Brad Weiss (Professor and Chair of the *College of William and Mary*). Dr. Melissa Bokovoy, Professor and Chair of the *UNM Department of History*, served as an internal member of the review team.

The *External Review Site Visit* took place October 24-26, 2018 and included meetings with the Provost and Associate Provost, the Dean of Arts and Sciences, the Anthropology Advisory Group, each of the three subfields, group meetings with the Assistant and Associate Professors and with the Full Professors, a group meeting with department staff, and a group meeting with graduate students. The visit also included a facilities tour and working meetings, as well as an exit meeting with UNM Administration that summarized their impressions of the department. The external review team produced a written document of their findings, to which the department is currently preparing a response and plan of action. The Self-Study document, External Review Report, and Department Response will all be made publicly available through the Provost office once the review process is completed.

Below are some excerpts from the External Review report:

*The Department of Anthropology is among the top fifteen programs in anthropology in North America. It is known internationally for its stellar faculty, students, and the research conducted by both. It is highly regarded by the administration at the UNM, and the department’s national and international prominence increases the stature of the university. The success of the department is aptly summarized in its Self-Study. Here we note its history, continued record of excellence in scholarship, and outstanding service to the discipline, as well as continuing success in graduate education.*

*The department has a history of strength in its three subfields of anthropology, archaeology, ethnology, and evolutionary anthropology. Since the inception of the department in 1928, faculty and students have played a central role in the study of the American Southwest. Their work has shown how Southwestern cultures and histories have created the exceptional diversity that is New Mexico.*

*We found that the department demonstrates a substantial commitment to teaching and training graduate students. This extends to undergraduates as well, a fact that is quite commendable for such a research-active faculty.*

The committee also identified several areas for improvement in administration and teaching, such as updating policies and procedures for departmental governance and implementing new mentoring policies for faculty and students.

# FACULTY UPDATES



Dr. Hannah Mattson

**Dr. Hannah V. Mattson**, a Southwest archaeologist, joined the University of New Mexico as an Assistant Professor of Anthropology. Dr. Mattson has longstanding connections with UNM, where she served as a Postdoctoral Fellow and a Part-time Instructor. Her research focuses on prehispanic New Mexico, with specialties in ceramics, personal adornment, the archaeology of Chaco Canyon and the Middle Rio Grande region, and cultural resource management. This summer, she is directing a third season of *UNM's Southwestern Archaeology Field School* near Placitas, NM. Dr. Mattson has just received a **2019 Women in STEM Award** from *UNM ADVANCE* for her research on Cibola ceramic production in the Chaco world.



Dr. Carla Sinopoli

**Dr. Carla M. Sinopoli**, an archaeologist specializing in South Asia, has joined The University New Mexico as Director of the **Maxwell Museum of Anthropology** and Professor of Anthropology. Dr. Sinopoli comes to UNM from the University of Michigan, where she was a professor of anthropology and curator of Asian collections in the Museum of Anthropological Archaeology. As curator, she conducted research, developed exhibitions, and published on archaeological, ethnographic, and photographic collections from the Indian Himalayas, China, and Southeast Asia.



Dr. Darragh Hare

**Dr. Darragh Hare**, UNM Postdoctoral Fellow, received his PhD in Natural Resources from Cornell University in 2018, and studies the evolution of cooperation and conflict. He is specifically interested in the evolution of morality. As a postdoctoral fellow in the *Human Family and Evolutionary Demography Lab*, he is working on empirical analyses and evolutionary models associated with inequality in societies undergoing economic transition.

**Dr. Klinton Burgio-Ericson** studies the architecture and material culture of colonial encounters in the Early-Modern Americas, as well as more recent relations among anthropologists and descendent communities. With his 2018 PhD in Art History from UNC-Chapel Hill, Burgio-Ericson initiated long-term collaborative relationships with the community of Zuni Pueblo, and ongoing collections-based research at *Smithsonian Institution's National Museum of Natural History* and the *National Museum of the American Indian*.



Dr. Klinton Burgio-Ericson

**In Memoriam** Dr. Marta Weigle passed away on Thursday June 14, 2018. Dr. Weigle was an extraordinary writer, cultural historian, and critical analyst of what she famously called "*New Mexico Lore and Lure*." She was appointed University Regents Professor in 1990, and held a joint appointment with both English and Anthropology starting in 1972. In 1982, she added American Studies to her appointment and chaired that department for several years. Dr. Weigle joined the Anthropology Department full time in 1993, and was the Chair of Anthropology from 1995 to 2002. In 2005, she received the inaugural *State Historian's Award for Excellence in New Mexico Heritage Scholarship* from the *Historical Preservation Division of the New Mexico Department of Cultural Affairs*. Her wit and wisdom will be sorely missed by those who knew her and enjoyed her mentorship and friendship.



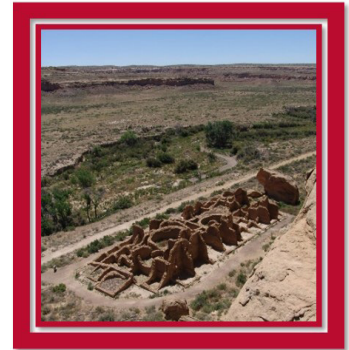
Dr. Marta Weigle

**In Memoriam** Dr. Mari Lyn Salvador passed away on October 23, 2018. Salvador served as the head curator at the Maxwell Museum from 1975-2005. She then moved on to become the director of the *San Diego Museum of Man*. In 2010, she became director of the *University of California Berkeley's Phoebe A. Hearst Museum of Anthropology* and retired at the age of 75. Mari Lyn studied at UC Berkeley as a graduate student in cultural anthropology in 1971, eventually pursuing her doctorate. Among the many highlights of her career at UNM were exhibits about her long-term fieldwork and collaborative ethnography among and with the santero wood carvers of Northern New Mexico, with the indigenous Kuna of the San Blas Islands of Panama, and with the people of the Azores Islands and their descendent communities in southern California. Professor Salvador also was instrumental in creating the *Alfonso Ortiz Center for Intercultural Studies*, and participated in securing the initial *National Endowment for the Humanities* grant that initiated the Ortiz Center. Mari Lyn Salvador was a sophisticated scholar with broad interests and areas of expertise, and she will be greatly missed.

## DEPARTMENT UPDATES

As part of her statewide listening tour, UNM President Dr. Garnett Stokes visited *Chaco Canyon Historic Monument* in August 2018. Here is an excerpt from her report of the visit:

***"My final stop on this tour was one I had highly anticipated, and, quite frankly, it surpassed my expectations. Chaco Canyon National Historic Monument is where many of our archeology and anthropology students take part in field school, and it is the focus of groundbreaking research by faculty member, Dr. Patricia Crown. I was honored to get a personal tour of the site from Dr. Crown and Dr. W.H. "Chip" Wills, both of whom have done extensive work at Chaco. Dr. Crown, who was elected to the National Academy of Sciences in 2014, was the first person to discover traces of cacao north of the Mexican border, proving the existence of chocolate at Chaco. They also took me to a private area of the park (with park ranger's permission, of course) where I stood in the oldest room in North America, a place more ancient than the oldest buildings in Santa Fe. The chair of our Department of Anthropology, Les Field, also joined us at the site, along with three of our ASUNM Students, President Becka Myers, Chief of Staff Alice Vernon, and Director of Communication Brendon Gray."***



Kin Kletso, Chaco Canyon

**College Factual** released its 2019 national and state rankings for *Best Anthropology Programs for Veterans*. University of New Mexico – Main Campus performed especially well in these rankings. UNM's Anthropology program is ranked #17 out of 260 for veteran friendliness of all colleges and universities reviewed by College Factual. This puts UNM in the top 10% of all schools in the nation when it comes to offering a quality education to veterans studying Anthropology. UNM improved its ranking position 3 slots over the previous year. These rankings were developed to highlight schools that offer quality outcomes in a specific major while also offering support and resources to help veterans and active-duty military students thrive.

In preparation for our **90th Anniversary** celebrations, the department installed a series of exhibits in the main hallway. Three exhibit cases are targeted toward undergraduates and feature information specific to Evolutionary Anthropology, Archaeology, and Ethnology along with various artifacts. The **90th Anniversary Timeline Exhibit** highlights key events in the department's history. The **Kibale Chimpanzee Exhibit** features research that is ongoing in Uganda, Africa. The **Chaco Canyon Field Research Exhibit** tracks the long-standing relationship between UNM and the National Parks Service, showing footage of students and researchers throughout the years.

Construction on the new **Physics & Astronomy and Interdisciplinary Science (PAÍS)** began in March 2018.



Members of Kibale Chimpanzee Project Research Team

The new facility will house classrooms, offices and laboratory space for scientists from across campus. The **Comparative Human and Primate Physiology Center (CHmPP)**, directed by Dr. Melissa Emery Thompson and Dr. Martin Muller, will relocate to a large, fully equipped state of the art lab space once construction is complete this Fall. Faculty and student research space adjoining the lab will provide additional resources for the CHmPP research. The **Center for Stable Isotopes (CSI)** has also been allocated research lab space in the new facility. Dr. Keith Prufer works with the CSI and will have access to lab resources for his research in stable isotopes and environmental archaeology.

## STAFF UPDATES

**Cathy Osborn** retired from the department at the end of December, 2018. Cathy joined the department in 2016 and completed a professional development career ladder to Coordinator of Education Support. We thank her for her service to the department, and wish her the very best in her retirement.

**Carla Sarracino** retired from the department in December of 2016, after working in the department for 20 years, most recently serving as Coordinator of Education Support and Student Program Advisor. We were fortunate to be able to rehire her replacing Ms. Osborn. We are happy to welcome her back to the department!

In the summer of 2018, the staff visited **Ghost Ranch**, outside of Abiquiu, NM. They visited an archaeological site featuring a rock shelter that graduate student **Jacque Kocer** and **Thaddeus Liebert** (of the Office of Contract Archaeology) were excavating. Ghost Ranch owns over 20,000 acres with beautiful views of Cerro Pedernal which served as a tool stone source for people for thousands of years. Schedule your visit to Ghost Ranch through their website: <https://www.ghost ranch.org/>

## DEPARTMENT RESEARCH



Dr. Les Field

Dr. Les Field has been awarded an *Early Concept Grant for Exploratory Research (EAGER)* grant from the *National Science Foundation (NSF)*, to begin a project entitled “*Accelerating Anthropogenic Climate Change and Contemporary Agriculture in Southern Greenland.*” The project will start in September 2019 and will fund two exploratory trips to Greenland. On the basis of these exploratory research trips, Dr. Field will write another NSF proposal to conduct extended fieldwork and research. This project would examine environmental change in Southern Greenland through sociocultural lenses, in collaboration and conjunction with scholars from Greenland using the tools of sociocultural anthropology.

Dr. Michael Graves completed fieldwork in 2018 and January 2019 in Kohala, Hawaii Island. This work was funded by a *UNM Research Allocation Committee (RAC)* grant, the *Alfonso Ortiz Center for Intercultural Studies*, and funds generously donated by Mr. Brad Wiley to the *Hawaii Archaeological Fund*. Two students from UNM, Stephen West (undergraduate) and Katherine Peck (graduate) conducted fieldwork for his/her honors thesis and dissertation respectively. A portion of this work is being done in collaboration with a Native Hawaiian community group. The research team will be returning this coming summer for new work in support of Katherine’s dissertation.



Katherine Peck upland Kawahae Kohala



Dr. Frances Hayashida, Peru

In the fall semester, Associate Professor Frances Hayashida had a *Fulbright Fellowship Award* in Chile, where she taught in the graduate program in archaeology at the *Universidad de Chile in Santiago*, visited with colleagues at the *Universidad Católica del Norte in San Pedro de Atacama*, and carried out fieldwork with Chilean and Spanish collaborators at the site of *Turi* in the high altitude Atacama of northern Chile. The fieldwork, part of a multi-year project co-directed by Professor Hayashida, César Parcero (*Institute for Heritage Sciences, Spain*), and Diego Salazar and Andrés Troncoso (*Universidad de Chile*), focused on transformations in land use and related ritual practices (copper mineral offerings) when Turi and the surrounding region were incorporated into

the Inka Empire. Doctoral student Beau Murphy also participated in the research at Turi, collecting information on the architectural reorganization of the site under Inka rule. In addition to the Fulbright, the fieldwork was supported by a *Snead-Wertheim Endowed Lectureship Award* to Professor Hayashida and a grant from the *Consejo Superior de Investigaciones Científicas, Spain* to César Parcero.



Hayashida Research Team with Llamas

The *84th Annual Society for American Archaeology (SAA) Meeting* took place in Albuquerque in April. UNM Department of Anthropology faculty, students and adjuncts presented at a variety of events; a complete list is available on our website. The Anthropology department, *Maxwell Museum of Anthropology*, *Alfonso Ortiz Center for Intercultural Studies*, and the *UNM Museum Studies Program* also co-hosted a reception in the Hibben Center on Thursday, April 11 welcoming the SAA to Albuquerque.



Preservationists Work to Restore Archaeological Site at the Casa Grande Ruins

Angelyn Bass, Research Assistant Professor of Anthropology at the University of New Mexico Department of Anthropology, and her project colleagues, Douglas Porter (School of Engineering, *University of Vermont*) and Larry Nordby (Archaeologist), were selected to receive a *2018 Governor’s Heritage Preservation Honor Award* for their work on *National Park Service* archaeological site conservation projects at *Montezuma Castle* and *Casa Grande Ruins National Monuments*. Dr. Bass has employed numerous anthropology undergraduate and graduate students through her research, providing them with practical experience in historic preservation. Dr. Bass has received over \$1.2 million in funding for her historic preservation efforts since 2014. Read more about her projects on our website.

## DEPARTMENT RESEARCH

Dr. Hannah Mattson served as Guest Curator for a exhibit at the *Albuquerque Museum* entitled, "*American Jewelry from New Mexico*." The exhibit, featured June 2-October 14, 2018, included many prehispanic ornaments never displayed before, including turquoise beads excavated by UNM faculty and students at Pueblo Bonito in 2013. Dr. Mattson gave a free lecture entitled, "*Prehispanic Jewelry in New Mexico*" at the Albuquerque Museum on July 15 from 2-3 pm. Dr. Mattson was also featured on a recent episode of *¡COLORES!* on *New Mexico PBS*. She discussed ancient jewelry making and how it can be used to study the past. *¡COLORES!* is a weekly art series with stories devoted to the creative spirit. You can view the episode online at this link: <https://portal.knme.org/show/colores/>



Dr. Hannah Mattson in the field

Dr. Patricia Crown was featured in a new four part PBS Series: *Native America. Episode 1: From Caves to Cosmos*, premiered on October 23, 2018 at 8 pm. *Native America* explores the world created by America's First Peoples. The four part series reaches back 15,000 years to reveal massive cities aligned to the stars, unique systems of science and spirituality, and 100 million people connected by social networks spanning two continents. Visit the PBS website to view the episode.

In a recent journal article in *Open Quaternary*, UNM Anthropology Department researchers **Victoria Monagle, Cyler Conrad, and Emily Lena Jones**, set out to answer the question, "*What Makes a Dog?*" The group started their investigation with coyote, wolf and domestic dog remains from *Arroyo Hondo Pueblo*, a 14th century site in the upper Rio Grande Valley in New Mexico. "Distinguishing between domestic dogs and wild canids from bone fragments alone is a perennial challenge for zooarchaeologists," wrote Jones. "The canid remains we recover from archaeological sites could often be either, based on their morphology." Arroyo Hondo Pueblo is an archaeological site located 5 miles southeast of Santa Fe. The site dates between 1300 and 1420 A.D. Many of the bones were found in kivas, or placed in indoor spaces suggesting the animal was valued by the pueblo people. Some of the bones were found in an exterior location suggesting the animal was most likely wild. Ultimately, the findings



A Dog Wanders Acoma Pueblo

of the study suggest that Arroyo Hondoans may have defined "dog" differently than present-day researchers do. The pueblo people befriended both domestic and wild canids as their best friends. Dr. Emily Jones was also a plenary speaker at the *Great Basin Anthropological Conference* in November 2018, speaking on "*Domestic animals and the Columbian Exchange: Ideas for the Great Basin from the Middle Rio Grande*" In addition, she co-edited an edition of the journal *Open Quaternary* with Susan Birch, Suzanne Pilaar, Catherine West, and Meghan Burchell entitled "*Stable Isotopes in Zooarchaeology: Data Management and New Directions*," a special collection in *Open Quaternary*.

Dr. Keith Prufer and the *UNM Center for Stable Isotopes* are part of an international collaboration linking Early Holocene human DNA in Belize to early populations in North and South America. The article, "*Reconstructing the Deep Population History of Central and South America*," was published November 8, 2018 in the journal *Cell*. Contributors included archaeologists and geneticists at *The University of New Mexico, Harvard Medical School, The Howard Hughes Medical Institute, The Max Planck Institute for the Science of Human History, The University of California Santa Cruz, Pennsylvania State University, The University of São Paulo*, and other institutions in Brazil, Belize, Chile, Argentina, Peru, the European Union and the U.S. Dr. Prufer and his colleagues from *Pennsylvania State* and *Exeter University* (UK) contributed the Central American component of this unprecedented study as part of a *National Science Foundation (NSF)* grant and *Alphawood Foundation* funded project studying the earliest humans to settle in the American tropics. Prufer led excavations in Belize where they recovered three of the oldest skeletons from the region, all with well-preserved DNA. This UNM project focuses on early human adaptations in remote tropical rainforests in the Americas. The data from these excavations are reshaping how researchers view Early Holocene relationships between humans living in North, Central, and South America. According to Prufer, there are many remarkable aspects to this research finding. "For the first time, we have archaeological and genetic evidence linking some of the oldest humans in Central America to the earliest known populations to arrive in the New World, and clear indications of an early relationship between this region and South America," says Prufer. "It is also a testament to the power of interdisciplinary research involving archaeologists and geneticists and how it is revolutionizing the study of ancient humans."



Graphical Abstract of Population Movement

# STUDENT AWARDS



Martin Pfeiffer

The *Graves Undergraduate Honors Award* recipients were Kathryn McCollum and Alexander Greenia.

The recipient of the *Ramenofsky Undergraduate Honors Award* was Kathryn McCollum.

The *John Martin "Jack" Campbell Undergraduate Research Award* recipient was LyAndra Lujan.

The *Karl Schwerin Fellowship in Ethnology* was awarded to Cody Carlson.

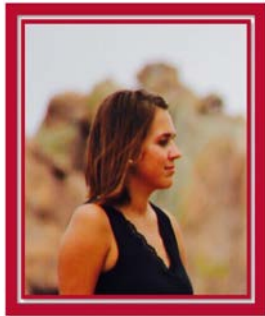
The recipients of the *Department Travel Awards* were: Holly Brause (Ethnology), Kris Sabbi (Evolutionary Anthropology), and Alexis O'Donnell (Archaeology).

The recipients of the *Harvey & Sarah Moore Scholarship* were James Davenport, Katherine Brewer, Joseph Birkmann (Archaeology) and Martin Pfeiffer (Ethnology)



Holly Brause

This year the recipient of the *Alfonso Ortiz Center for Intercultural Studies Public Policy Fellowship* was Daniel Shattuck.



Asia Alsgaard

Archaeology graduate student Katie Brewer received a *GPSA New Mexico Research Grant* for her study of how conversion affected Pueblo practices at mission sites in the US Southwest.

The *Alfonso Ortiz Center for Intercultural Studies* has awarded the *Community Engagement Scholarship* to Hope Casareno, Hibben Scholar and ethnology graduate student, for the summer 2018 semester. Hope is assisting with the planning, implementation, and follow-up for the *Second Intergenerational Hopi Pottery Festival* on July 14 at the First Mesa Youth Center in Polacca, AZ, and with planning next year's festival and the ongoing research of the *Hopi Pottery Oral History Project*. These projects are a collaboration of the *Ortiz Center*, the *Smithsonian's Recovering Voices Program*, and the *Hopi Cultural Preservation Project*.

Four Anthropology students have been awarded the *Latin American and Iberian Institute (LAI)* PhD Fellowships: James Davenport (Archaeology) received a renewal of his LAI Fellowship, while Asia Alsgaard (Archaeology), Milena Carvalho (Archaeology), and Zsofia Szoke (Ethnology) were each awarded the LAI Fellowship for the first time. The Latin American and Iberian Institute (LAI) is part of a wide reaching scholarly community at The University of New Mexico.



Milena Carvalho

## FRANK C. HIBBEN FELLOWSHIPS



Bret Quickbear Salter

The *First Year Hibben Recruitment Scholars* this year were Mariana Lujan Sanders (Archaeology) and Tess Lukey (Art History and Museum Studies).

The *Public Archaeology Hibben Recruitment Scholar* this year was Joshua Vallejos.

The *Second Year Hibben Recruitment Scholars* this year were: Bret Quickbear Salter and Hope Casareno (Ethnology), Caitlin Ainsworth, Thatcher Rogers, and Lindsay Shepard (Archaeology), Alicia Becenti, Adesbah Foguth, and Aaron McCanna (Public Archaeology), and Kendall Lovely (Museum Studies).

The *Third Year Hibben Recruitment Scholar* was Laura Steele (Archaeology).

The *Senior Hibben Fellows* this year were Holly Brause (Ethnology), Jacque Kocer and Jennie Sturm (Archaeology).

## FRIEDA BUTLER AWARD

Sarah Leiter (Ethnology) received the **2018-2019 Frieda Butler Award**. The Frieda D. Butler scholarship is given annually to honor the memory of Mrs. Butler whose grandson, **Dr. Richard A. Barrett**, is Emeritus Professor of Anthropology. The recipient, an outstanding master's level student, delivers a public lecture in the Fall 2019 semester.

In today's Brazil, emerging groups of hopeful converts to Judaism are beginning to change the country's religious landscape. Ms. Leiter will present a lecture on her ethnographic research with one such group in Brasília. In her research, she found that, like members of established Jewish groups in Brazil, these hopeful converts problematize their simultaneous identification with Judaism with Brazilian nationality. The implications of this perceived identity conflict and the ways in which it is negotiated will be discussed in the lecture.



Sarah Leiter

## THE NEW MEXICO FOLKLORE AWARD

*The New Mexico Folklore Scholars Endowment* award alternates annually between the UNM Department of Anthropology and the UNM Department of English, and provides support to a student engaged in New Mexico folklore scholarship. This year's recipient was **Nicholas Barron**, graduate student in the Ethnology program.

Nick's proposed paper is titled, *"We hope that you will continue to teach us how best to learn:" Assembling the Pascua Yaqui Tribe at the 89th Wenner-Gren International Symposium.*" This paper pursues an event-based, ethnohistorical account of the relationship between anthropology and Indigenous recognition/representation. Taking the *89th Wenner-Gren International Symposium* on *"Yaqui Ritual and Performance"* as a point of inquiry, he analyzes the ways in which a Yaqui elite used the conference as a stage upon which to assemble a novel collective identity that was consistent with an emergent politics of recognition. This performance was articulated through the reframing of a syncretic, colonially-constructed ceremonial practice—the Deer Dance—as a marker of a primordial Indigenous identity. By adopting a dynamic nominalist framework, this assessment helps us address the lack of event-based, dialogical analyses in examinations of recognition and the ways in which anthropology is operationalized as a tool for navigating the inherent paradox of recognition.

## RUTH KENNEDY AWARD



Jennie Sturm

The recipient of the **2018-2019 Ruth Kennedy Award** was archaeology graduate student **Jennie Sturm**. The Ruth E. Kennedy Award was established in 1981, given to an outstanding doctoral candidate; the recipient will deliver a public lecture during the Fall 2019 semester.

In Chaco Canyon, New Mexico, an enduring archaeological question centers on how land was used in the canyon's famous great houses. Many researchers believe this land was agricultural, and features such as gridded fields are predicted to exist throughout the canyon. However, locating these features has been a long-standing challenge, leading some to question the extent and importance of agriculture in Chaco. This has far-reaching implications for local food production, trade, resource management, and ultimately the rise in social complexity. Using a combination of remote sensing and geospatial techniques, including ground-penetrating radar (GPR), magnetometry, aerial photography, high precision GPS survey, and GIS

integration, Jennie tested the predicted locations of agricultural fields to identify and compare potential land modification patterns. The results from these remote sensing activities show complex patterns buried at each study area, suggesting that prehistoric land use in Chaco was likely expansive, non-standardized, and importantly, not visible on the ground surface. Using this research, future land use studies in Chaco can test the function of these newly identified patterns in ways that are both spatially accurate and efficient, thereby minimizing the impact on this National Park landscape.

*If you would like to contribute to this, or any other awards provided by the Department of Anthropology, please visit the UNM Foundation website at [www.unm.fund.edu](http://www.unm.fund.edu) or contact the department directly at 505-277-1534*

# STUDENT AWARDS AND RESEARCH

Ethnology graduate student, **Holly Brause**, received a grant from the **New Mexico Water Resources Institute (WRI)** to support her dissertation research. Her project, *"The Everyday Politics of Irrigated Agriculture and an Uncertain Future,"* focuses on the social aspects of water use, water politics, and the chile industry in New Mexico. The WRI provides support for water-related research through its **Faculty and Student Water Research Grant Programs**. Funds are made available through the institute's federal base grant and through state appropriations. The funded projects allow New Mexico university faculty and students to pursue critical areas of water resources research while providing training opportunities for their students.

Evolutionary Anthropology graduate student **Megan Cole** has been awarded a **National Science Foundation Graduate Research Fellowship**. Her project is titled: *Behavioral aging in wild chimpanzees (Pan troglodytes): A test of social selectivity*.

**James Davenport**, Archaeology graduate student, has been awarded a **Wenner-Gren Dissertation Fieldwork Grant** for his project *"Hand of the Potter, Hand of the State: Communication and Imperial Control in Tawantinsuyu,"* which examines the production of Inka imperial pottery at the oracle center of Pachacamac on the central coast of Peru.

Archaeology graduate student **Jon Dombrosky** has been awarded a high-priority **GPSA New Mexico Research Grant** for his study of the amino acid signature of maize in fishes from the late prehispanic Middle Rio Grande. Doing initial stable isotope analysis on fish bones recovered from archaeological sites around the Albuquerque area, he found that some past fishes were eating arid adapted plants called C4 plants. This finding could mean that the prehispanic Rio Grande flooded more than it does today, and that these flooding events were crucial for incorporating a variety of different nutrients into the past Rio Grande aquatic food web. Alternatively, it could mean that corn was getting into the diet of fishes. It is possible that Ancestral Pueblo agricultural fields, adjacent to the Rio Grande, decomposed and introduced a new source of energy for fishes to rely on. Using traditional stable isotope analysis to test if this was the case is near impossible. However, there is a new cutting edge technique called compound specific stable isotope analysis that measure multiple stable isotope values from amino acids and produce a fingerprint. Jon's goal, with the help of students in **Seth Newsome's** lab (**Alexi Besser** and **Emma Elliott Smith**), is to define the fingerprint of around 20 heirloom varieties of corn to see if it was incorporated into their tissues. Jon has also recently received two significant awards for his dissertation research on fishing in Pueblo IV central New Mexico: a scholarship from the **Friends of Coronado Historic Site**, and a fellowship from **UNM's Center for Regional Studies**.

Evolutionary Anthropology graduate student **Drew Enigk** gave a podium presentation on his research titled *"Competitive ability complements coalition formation in wild male chimpanzees"* at the **American Association of Physical Anthropologists (AAPA)** annual conference in Cleveland, OH March 27-30. He also received a **GPSA Professional Development Grant** which helped cover his trip to the University of Nevada, Las Vegas for the **Southwestern Association of Biological Anthropologists (SWABA)** conference in November 2018.

**Stephanie Fox**, Evolutionary Anthropology graduate student, was awarded a **Leakey Foundation** grant. The aim of Stephanie's project is to understand social relationships between female chimpanzees by investigating factors that constrain or promote the formation of social tolerance between females. In doing so, this study will help us understand how variation in social tolerance may have contributed to the evolution of female social relationships in primates, and particularly help explain differences in female-female social behavior between humans, chimpanzees and bonobos. For her project, Stephanie will collect matched behavioral and hormonal data on adult female chimpanzees in **Kibale National Park, Uganda** for the next year. The mission of the Leakey Foundation is to increase scientific knowledge, education, and public understandings of human origins, evolution, behavior and survival. Stephanie has also received a **Wenner-Gren Foundation Dissertation Fieldwork Grant** for her research on *"Social Tolerance and Function of Differentiated Relationships in Wild Female Chimpanzees."*

Archaeology graduate student **Jill Jordan** has been awarded a post-doctoral **Wenner-Gren Foundation Grant** for a project entitled, *"Investigating the Effects of Societal Collapse on Information Exchange, Community Interaction, and Social Boundaries in the Maya Lowlands."* Jill's dissertation research compares ceramics and communities of practice in two Maya sites in Belize Baking Pot and Uxbenká.

Archaeology graduate student **Cassandra Keyes** received the **Archaeological Society of New Mexico Scholarship** for her analysis of Early Archaic projectile points from the Tularosa Basin.

**Jacque Kocer**, Archaeology graduate student, has been awarded a **Center for Regional Studies Fellowship** for 2018/2019 for her dissertation research that examines communities of practice and communities of identity in the Gallina area of northern New Mexico as materialized in ceramics. Jacque also received the **2019 Arthur C. Parker Scholarship for Archaeological Training for Native Americans and Native Hawaiians** from the **Society for American Archaeology (SAA)**. Named for the SAA's first president, who was of Seneca ancestry, the award will help defray the costs of her ongoing dissertation research.

# STUDENT AWARDS AND RESEARCH

Paulina Przystupa, Archaeology doctoral student, has been awarded a *Phillips Fund Grant for Native American Research* from the *American Philosophical Society* for her dissertation research that examines how changing views of childhood and ethnicity impacted the architecture and location of orphanages and boarding schools during the period from 1865-1935 in four areas in the US. Paulina has also been awarded a *UNM Center for Regional Studies Fellowship* for 2019-2020.

Public Archaeology Graduate Student Carlyn Stewart was awarded the *Powers Prize* for the best extemporaneous talk given by an archaeologist under the age of 35 at the *2018 Pecos Conference* which was held in Flagstaff, AZ this year. The title of her talk was *"Why Public Archaeology is Important: A Year of Bruised Hands and a Shocking Lack of Dinosaurs"* which discussed her work over the past year at Tonto National Monument in Arizona for *Archaeology Southwest*. Carlyn also received an *Archaeological Society of New Mexico Scholarship* for support of volunteer archaeological investigations and community outreach at *Kuaua Pueblo* in *Coronado State Monument*.

Ethnology doctoral student Blaire Topash-Caldwell has been awarded a *2019-2020 Pre-Doctoral Fellowship in American Indian and Indigenous Studies (AIIS)*. This prestigious fellowship provides office space, access to Michigan State University's outstanding facilities, connections with American Indian and Indigenous Studies faculty and community, benefits for the year, and a substantial stipend. Blaire will teach one elective course that she will design in the spring of 2020, perform outreach and engagement with the Indigenous community, and complete her dissertation research and writing.

UNM undergraduates April Brown, Mariah Medina, Samantha Morley, Sorayah Romero, and Fiona Shaffer have been selected by the *Society for American Archaeology* to receive the *Cheryl L. Wase Memorial Scholarship* for the 2019-20 school year. The scholarship provides funding for women who are residents of New Mexico and pursuing a Bachelor's Degree in Anthropology with a specialization in archaeology from a fully accredited university in the state of New Mexico (*Eastern New Mexico University, New Mexico State University, or University of New Mexico*). These five students, along with current and former UNM Wase scholars Samantha Ascoli, Carol Woodland, Jamie Stevens, Heather Hendrickson, Eden Franz and Miranda LaZar were honored with a toast and special reception at SAA Annual Meeting.

Katie Williams, Archaeology graduate student, was selected to attend the *Newberry Consortium in American Indian and Indigenous Studies (NCAIS) Summer Institute* at the *Peabody Museum at Harvard University* in July 2018. With a stipend and all expenses paid, this year the Summer Institute focuses on the influence of Indigenous communities on practices of management and curation, repatriation and NAGPRA.

Stephen West, a senior undergraduate student concentrating in Archaeology, has been awarded a *Full-bright Fellowship* to support his research on the lifestyle adaptations that the native Jomon people (of the Japanese neolithic period) made during the transition to the following Yayoi period. During the Yayoi period, metal tools, weapons, and rice agriculture was introduced to Japan by immigrants from mainland Asia. The new Yayoi people eventually supplanted most of the Jomon population by the end of the Yayoi period. West plans to study the effects that Yayoi tools and agriculture had on Jomon populations across Japan and track the spread of Yayoi influence over the time period. He will do this through analysis of subsistence change in Jomon populations (primarily via stable isotope analysis) and analysis of when and where Yayoi artifacts appear in the archaeological record.

Archaeology graduate student Meng Zhang received funding from the Board of Directors of the *Chiang Ching-kuo Foundation* for his proposal entitled: *"Explaining Variation and Change among Ice Age Microblade-based Societies in Northeastern Asia: Prehistoric China and her Neighbors."*

Kinship Lab undergraduates Madeline Dunn and Gabrielle Baca presented posters at the AGSU annual research symposium and both have had their posters accepted for presentation at the *Human Behavior and Evolution Society Annual Meeting* in Boston this summer.

The *23rd Annual Anthropology Graduate Student Union Research Symposium* took place on March 1, 2019. This year's conference was a great success, with 127 participants from UNM Anthropology as well as other departments and the wider Albuquerque community. The conference brought together students, faculty, and community members to engage interdisciplinary perspectives from the three subfields of anthropology represented at UNM and to promote mentorship and productive dialogue between researchers at various stages in their careers. The conference showcased ongoing research by graduate and undergraduate students in the department, along with featured talks by visiting alumni and leading scholars in anthropology. Undergraduate posters focused on topics ranging from primate geography to genetic adaptations in Asia to gendered social networks in small-scale societies. Graduate lightning talks presented rapid-fire, accessible introductions to ongoing work from 10 labs in UNM anthropology. This year's inaugural alumni address was presented by Gandhi Yetish (UCLA), who presented on the evolutionary ecology of sleep. To round out the event, keynote speaker Dr. Richard Wrangham (Harvard) gave a lecture on the evolution of

# DEPARTMENT GRADUATES

Aimelda Mariel Angel (BS, 2019) Honors Thesis: *"New Mexico Ancestral Subadults: Evidence for Osteological Scorbutic Lesions"* (Chair: Dr. Osbjorn Pearson)

Miranda LaZar (BA, 2019) Honors Thesis: *"Tracking Individual Raptors in the Archaeological Record: Implication for the Study of Ritual Economies in New Mexico"* Summa Cum Laude (Chair: Dr. Emily Jones)  
Miranda will be entering the PhD program at University of Arizona in the Fall semester.

Yvonne Leiby (BA, 2019) Honors Thesis: *"Skeletal Analysis, Diet, and Agricultural Production of the San Juan Basin from 600 to 1100 CE: The Case for Pellagra and Metabolic Syndrome"* (Chair: Dr. David Stuart)

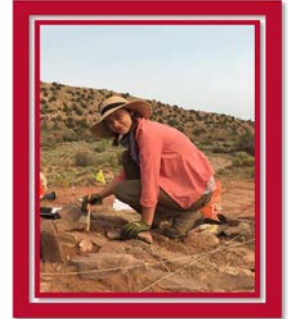
Lyandra Lujan (BA, 2019) Honors Thesis: *"Phlogeography of the ALDH2 Deficiency Allele"* (Chair: Dr. Jeff Long)

Jamie Stevens (BA, 2019) Honors Thesis: *"Identifying Patterns of Migration into Pottery Mound Pueblo Through Birds in Ritual Culture"* Summa Cum Laude (Chair: Dr. Emily Jones)

Stephen West (BS, 2019) Honors Thesis: *"Chiefly Hawaiian Agricultural Complexes in Windward Kohala, Hawaii Island"* Magna Cum Laude (Chair: Dr. Michael Graves)

Emma Cook (MA, Public Archaeology, 2019) Project: *"Ups and Downs and Highs and Lows: Chiricahua Apache Land-Use and Occupation Changes during the 19th Century in Southern Arizona"* (Chair: Dr. Bruce Huckell)

Adesbah Foguth (MA, Public Archaeology) Project: *"Archaeology in the Third Dimension: Using Photogrammetry for Resource Management, Public Outreach, and Future Research Potential"* (Chair: Dr. Michael Graves)



Miranda LaZar

Aaron McCanna (MA, Public Archaeology, 2019) Project: *"Forensic Architecture: Reconstructing Piedras Marcadas in 3D"* (Chair: Dr. Michael Graves)

Jana Meyer (MS, Public Archaeology, 2018) Project: *"Health and Resource Distribution at Tijeras Pueblo"* Distinction. (Co-Chairs: Dr. Heather Edgar and Dr. Emily Lena Jones). Public archaeology graduate Jana will be moving over to the Archaeology PhD program in the Fall 2019.

Nicholas Barron (PhD, Ethnology, 2019) Dissertation: *"Applying Anthropology, Assembling Indigenous Community: Anthropology and the Pascua Yaqui Tribe in Southern Arizona"* (Chair: Dr. Les Field)



Dr. Nicholas Barron

Kristin Fitzgerald (PhD, Ethnology, 2019) Dissertation: *"'We Practice Lakota Way, But We Are Not An Indian Church': The Diverse Ways Lakota Christians Articulate, Perform and Translate Ethnicity in Congregational Life"* (Chair: Dr. Suzanne Oakdale)

Jessica Gross (PhD, Evolutionary Anthropology, 2019) Dissertation: *"The History of Admixture in African Americans"* Distinction. (Chair: Dr. Heather Edgar)

Meghan Healy (PhD, Evolutionary Anthropology, 2019) Dissertation: *"Ethnic Identity and Genetic Ancestry in New Mexicans of Spanish-Speaking Descent"* (Chair: Dr. Keith Hunley)

Jillian Jordan (PhD, Archaeology, 2019) Dissertation: *"Pottery and Practice at Late to Terminal Classic Uxbenká and Baking Pot, Belize"* (Co-Chairs: Dr. Patricia Crown and Dr. Keith Prufer)

Carmen Mosley (PhD, Evolutionary Anthropology, 2019) Dissertation: *"A Biocultural Examination of Health Risk Among New Mexicans of Spanish-Speaking Descent"* (Chair: Dr. Heather Edgar)

Alexis O'Donnell (PhD, Archaeology, 2019) Dissertation: *"Trends in Health, Stress, and Migration in the pre-contact Southwest United States"* (Chair: Dr. Patricia Crown)

Kate Rusk (PhD, Evolutionary Anthropology, 2019) Dissertation: *"Facial Fluctuating Asymmetry: Developmental Origins and Implications for Long-Term Health"* (Chair: Dr. Heather Edgar)

Meng Zhang (PhD, Archaeology, 2019) Dissertation: *"Explaining Variation and Change among Late Pleistocene and Early Holocene Microblade-based Societies in Northeastern Asia"* (Chair: Dr. Lawrence Straus)

# ALUMNI NEWS

**Dr. Louis Alvarado** (PhD, 2015) will start a tenure-track position in the department of anthropology at the *University of Pittsburgh* in the Fall.

**Dr. Connie Constan**, (PhD, 2011), is now working in Bozeman, Montana as the *West Zone Archaeologist* on the *Custer Gallatin National Forest*. It is an opportunity to explore the archaeology of the Greater Yellowstone Ecosystem and move into landscape-scale research.



Dr. Connie Constan

**Dr. Jennifer Cardinal** (PhD, 2016) has received a three year contract from the *Rensselaer Polytechnic Institute* as a full time (3/3) lecturer in Sustainability Studies in the *Science and Technology Studies Department*.



Dr. Jennifer Cardinal

**Dr. Helen Davis** (PhD, 2014) alumna of the Evolutionary Anthropology graduate program, has received a Postdoctoral Fellowship in Human Evolutionary Biology, *Harvard University*.

**Dr. Lisa Fontes** (PhD, 2016) has been appointed the Director of Development at the *Southwest Center for HIV/AIDS* in Phoenix, Arizona.

**Dr. Marcus Hamilton** (PhD, 2008) has accepted a tenure-track faculty position in Anthropology at the *University of Texas, San Antonio*.

**Dr. Shirley Heying** was awarded *Online Teacher of the Year* by the *UNM Center for Teaching Excellence*. Dr. Heying is an Assistant Professor in the College of Arts and Sciences at the *UNM Gallup* campus.

**Dr. Ann Ramenofsky** (UNM emerita) and **Dr. Kari Schleher** (PhD, 2010) were awarded the best 2018 Anthropology/ Archaeology book by *The New Mexico-Arizona Book Awards*. Their volume, *The Archaeology and History of Pueblo San Marcos: Change and Stability*, was published by UNM Press.

**Dr. Vito Sparacello** (PhD, 2013) was featured in *Archaeology* magazine on his work with the Upper Paleolithic burials in the Italian site of Arene Candide near his native Genoa.

**Dr. Elizabeth Stone** has been appointed the Site-Manager of the *Gutiérrez-Hubbell House*. The Gutiérrez-Hubbell House dates back to the 1860's and symbolizes the mixing of Spanish, Anglo and Native American traditions & cultures during the Territorial Period, 1848-1912. Located along El Camino Real, the oldest continuously used European roadway in North America, the Gutiérrez-Hubbell House was once a private residence, mercantile, trading post, stagecoach stop and post office. Today, the Gutiérrez-Hubbell House History and Cultural Center is a center developed to document, research and preserve history, maintain open spaces, protect wildlife habitat and teach agricultural heritage. For more information, visit <http://gutierrezhubbellhouse.org/>

**Dr. William Taylor** (PhD, 2017), alum of the UNM Department of Anthropology Archaeology program, has been awarded the *Tom L. Popejoy Dissertation Prize*, awarded annually by the University of New Mexico to recognize the highest level of academic excellence among our doctoral students. The Tom L. Popejoy Dissertation Prize was established as a permanent memorial to the late **Tom L. Popejoy**, President of the University of New Mexico from 1948 to 1968. The award recognizes and encourages the highest level of academic excellence. Dr. Taylor is an archaeologist and researcher at the *Max Planck Institute for the Science of Human History* in Jena, Germany, and will begin a tenure track position this Fall at the *University of Colorado Boulder*, a split position with the *Museum of Natural History* and the *Anthropology Department*.



Dr. William Taylor

**Kristina Whitney** (MA, Public Archaeology, 2017) has begun a new job with *Army Corps of Engineers*.

**In Memoriam** **Dr. Willow Powers** (PhD, 1997) passed away in Santa Fe on December 21, 2018. Willow worked as an archivist for the *Wheelwright Museum of the American Indian* for 22 years, and, while there, created the Museum's first archival outreach program. She also set up and ran the archives at the Museum of New Mexico's Museum of Indian Art and Culture. She was an archival consultant at the *School for Advanced Research*, the *National Park Service*, the *New York State Museum*, and several Native American pueblos and tribes. She taught anthropology at the *University of New Mexico* and the *University of Iowa*. In 2016, through a donation to the Wheelwright, she established the *Robert and Willow Powers Archival Outreach Program*. Through it, the Museum has entered into collaborative projects with Taos and Santa Clara pueblos.

## DEPARTMENT EVENTS

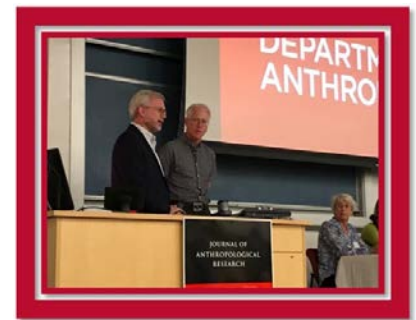


OMI Representatives

The UNM Department of Anthropology hosted a job fair on February 14 in the Hibben Center that was attended by over 100 students. The event reached out to undergraduate and graduate students and provide information on various job opportunities available for those studying or holding an Anthropology degree. The job fair was followed by a keynote presentation by Shawn Kelley entitled: *"Practicing Cultural Anthropology in Cultural Resource Management."* Recruiters included: *The US Army Corps of Engineers; Los Alamos National Laboratories; US Forest Service; Crow Canyon Archaeological Center; Bernalillo County Open Space; NM Department of Transportation; NM Historic Preservation Department; NM State Parks; The UNM Office of Contract Archaeology; The UNM Office of the Medical Investigator (OMI); The UNM Maxwell Museum of Anthropology; Museum of Indian Arts and Culture; The Behavioral Health Research*

*Center of the Southwest (BHRCS), Pacific Institute for Research and Evaluation (PIRE); The UNM Prevention Research Center; Statistical Research, Inc.; SWCA Environmental Consultants; and many others. The job fair was co-organized by Dr. Hannah Mattson and Jennifer George, and inspired by the previous efforts of Dr. Patricia Crown. The department plans to make the *Anthropology Spring Job Fair* an annual event.*

The Department of Anthropology has partnered with the *National Park Service* to conduct archaeological, anthropological and scientific research at *Chaco Culture National Historical Park* since 1929. Generations of UNM students worked and lived in Chaco Canyon and many have completed advanced degrees examining the culture and history of one of the most remarkable periods of cultural florescence in North America. In recognition of the special place that Chaco Canyon has for understanding the human experience, and UNM's long history of Chaco scholarship, the department celebrated *90 years of Anthropology at the University of New Mexico* on Saturday, September 29, 2018 with a Homecoming event featuring Anthropology Alumni who discussed their experiences working in Chaco Canyon. The Panel Moderator was Dr. Wendy Bustard (PhD 1993), Curator of Archaeology for the Chaco Collections, National Park Service. Participants included: Dr. Joan Mathien (PhD, 1981), Dr. Robert Hitchcock (PhD, 1982); Dr. Lynne Sebastian (PhD, 1988), Dr. Steve Lekson (PhD, 1988), Dr. Hannah Mattson (PhD, 2015), Dr. Edward Jolie (PhD, 2018), and Jennie Sturm (PhD Candidate).



Dr. Wirt Wills and Dr. Les Field

On Thursday, November 29, the Department of Anthropology hosted a panel discussion featuring professionals from the *UNM HSC Office of the Medical Investigator*, who discussed their roles in conducting Forensic Science at OMI. Featured speakers included Albert Arocha (Morphology Supervisor), Matthew Cain, MD (Medical Examiner), Philip Dees, MA (Deputy Medical Investigator), Heather Edgar, PhD (Forensic Anthropologist), Kethery Haber, RT (Supervisor of Forensic Imaging), Shalynn Hollins (Senior Morphology Technician), Rhonda Moya (Deputy Medical Investigator) and Jordan Sousa (Senior Morphology Technician).

In honor of the 90th Anniversary of the department, the *Journal of Anthropological Research Distinguished Lectures* featured UNM alumni. The *47th JAR Distinguished Lecture* (October 25 & 26) was presented by Dr. Karen Kramer (PhD, 1998). Her talk was entitled *"How There Got to Be so Many of Us: The Evolutionary Story of Population Growth and a Human Life History of Cooperation"* and the following day, she presented a specialized seminar, *"Intergenerational Cooperation, Parenting and Childhood."* The *48th JAR Distinguished Lecture* (February 28 & 29) was presented by Dr. Robert Hitchcock (PhD, 1982). His talk was entitled *"The Plight of the Kalahari San: Hunter-Gatherers in a Globalized World,"* and the following day he presented a specialized seminar, *"Fieldwork among San Hunter-Gatherers & their Neighbors: Anthropology, Human Rights & Ethics."*



2018 Placitas Field School Students

The annual *UNM Southwestern Field School* will take place for the third year on the beautiful *Diamond Tail Ranch*, near Placitas, New Mexico. Dr. Hannah Mattson will work with students who will gain essential hands-on training in archaeological field skills, including survey and excavation methods. Excavation will focus on Classic period (A.D. 1325 to 1600) Ancestral Pueblo field houses and agricultural sites. *UNM ADVANCE*, supported by a cooperative NSF agreement to address issues facing women and minorities in academia, will record a portion of the field school this summer. Anthropology undergraduate Student Ashley Harris has published an article in the *Summerset Review* about her experience at the *2018 UNM Southwestern Field School* in Placitas, NM. <http://www.summersetreview.org/19winter/potsherd.html>

## DEPARTMENT RESEARCH (Continued)

Dr. Heather Edgar, Associate Professor and Forensic Anthropologist at the *University of New Mexico Health Sciences Center Office of the Medical Investigator (OMI)*, is currently converting a dataset of whole-body decedent CT scans into a searchable database that will be available to researchers. This database project, funded by the *National Institute of Justice (NIJ)*, will be stored on systems at the *UNM Center for Advanced Research Computing* and will be completed in 2019. Medico-legal researchers, anthropologists, and scientists in other fields will use the scans to study child abuse and survivability of trauma, and to more accurately measure age and sex in forensic contexts. Causes of death are numerous, and include natural deaths, diseases, child abuse, unhelmeted motorcycle crashes, gunshot wounds, and burns. The database will help researchers and criminal investigators to pin down factors such as age, weight, and sex of deceased persons in other cases or research they may be working on.



Dr. Heather Edgar

Dr. Siobhan Mattison will serve as lead editor on a forthcoming issue of *Philosophical Transactions of the Royal Society, B*, focusing on 'the evolution of female-biased kinship.' The issue will appear later this year (2019). Dr. Melissa Emery Thompson is also an editor on the issue. Dr. Mattison also received a *School for Advanced Research Research Team Seminar Award* (with Mary Shenk and Tami Blumenfield) for their project, entitled: *"The influence of market integration on escalating inequality in small-scale societies."*



Dr. Siobhan Mattison and Dr. Mary Shenk with colleagues in the field 2017

The *Human Biology Association* hosts a podcast, *"The Sausage of Science,"* moderated by Cara Ocobock and Christopher Lynn, that discusses cutting edge research in biological anthropology. In the episode *"Doomed to Mad Maxian World?"* Dr. Mary Shenk of *Pennsylvania State University* and Dr. Siobhan Mattison, were interviewed about their article in *Evolutionary Anthropology: The Evolution of Inequality*, published in 2016. According to Twitter, the episode is the top played podcast in this series.

Dr. Nicole Thompson began a 3-yr post-doctoral fellowship in the department from *UNM's National Institute for Health (NIH)-sponsored Academic Science Education and Research Training (ASERT)* program for research on social relationships and health in chimpanzees. Dr. Thompson, who received her doctoral degree in Ecology and Evolution at *Columbia University* in New York in 2017, has been working with Dr. Melissa Emery Thompson in the *Comparative Human and Primate Physiology Center* and recently published in three journals: *Hormones and Behavior*, *Evolution*, and *Behavior*.

Dr. Katherine Starkweather began a 2-yr post-doctoral fellowship from the *National Science Foundation* for research on women's economic roles in the Shodagor boat-dwelling people of Bangladesh. Dr. Starkweather received her degree from the *University of Missouri, Columbia* in 2011. She works in collaboration with Dr. Melissa Emery Thompson and the *Comparative Human and Primate Physiology Center* at UNM.

The *National Park Service* has announced it will award UNM a grant to study a major Albuquerque area Ancestral Pueblo village. The *NPS American Battlefield Protection Program* grants funds annually to conduct research at sites where historically significant conflicts were fought. *Piedras Marcadas Pueblo*, a large ancestral site occupied from about AD 1300 to 1600 on the west side of the Rio Grande, has abundant evidence of one of the earliest battles fought during the Contact period of European exploration in the American Southwest. The huge expedition to explore Tierra Nueva (later, New Mexico) led by Francisco Vásquez de Coronado from 1540 to 1542 spent two winters in the Rio Grande valley. Conflicts arose when the expedition took over at least one village for food and shelter, and eventually full-blown fighting broke out. At *Piedras Marcadas Pueblo*, dozens of crossbow arrow points, lead musket balls, slingstones, and stone arrows attest to the battle that took place at the site. The National Register site, also listed as LA 290 with the *Museum of New Mexico*, is owned by the City of Albuquerque and included within the boundaries of *Petroglyph National Monument*. The one year grant will fund remote sensing surveys to obtain details about the site's buried architecture and to recover 16th century artifacts by metal detection. These activities will determine the battlefield boundaries and help understand the nature of the fighting that occurred. A final report will analyze and describe the conflict and make recommendations for future site protection and management. The project will also have significant involvement with affiliated tribal communities, and will employ students from UNM and pueblo schools. The grant was written by Dr. Matt Schmader (UNM PhD, 1994), Adjunct Assistant Professor with the UNM Anthropology Department. Schmader will serve as Principal Investigator, continuing research at *Piedras Marcadas* that he has been conducting since 2005.



## FACULTY AWARDS AND APPOINTMENTS



Dr. Patricia Crown

Dr. Patricia Crown, Leslie Spier Distinguished Professor of Anthropology, received the 2018 prestigious *AV Kidder Award in Southwestern Archaeology*. She was selected from an elite group of nominations. Dr. Crown received the award at the *American Anthropological Association (AAA)* annual meetings in the Fall 2018. Established in 1950, the *Alfred Vincent Kidder Award for Eminence in the Field of American Archaeology* was initially given every three years to an outstanding archaeologist specializing in the archaeology of the Americas. The award has been given alternately to specialists in Mesoamerican archaeology and the archaeology of the Southwestern region, areas that were both central to the pioneering and exemplary work of A. V. Kidder.

Dr. Crown has also been awarded the *School for Advanced Research (SAR) Weatherhead Resident Scholar Fellowship* for the 2019-2020 academic year. Dr. Crown has conducted extensive research on the Chacoan cylinder jars for the past two decades at the Pueblo Bonito site in Chaco Canyon. Her book will explore questions about the origins, meanings, and uses of these jars. The book will make significant contributions to the fields of anthropology, archaeology, and history by combining a historical narrative of events surrounding the cylinder jars and associated ritual with an interpretation of how the vessels, contents, and ritual reflect larger processes of exchange, power relations, and economic inequality. Resident scholar fellowships are awarded annually by the *School for Advanced Research (SAR)* to up to six scholars who have completed their research and who need time to prepare manuscripts or dissertations on topics important to the understanding of humankind.



Chaco Cylinder Jars



Dr. Robert Dello-Russo

Archaeologist Dr. Robert Dello-Russo has received the *Individual Achievement Award* from the *State of New Mexico Historic Preservation Division, Department of Cultural Affairs*. Dello-Russo, who is currently the director of the *UNM Office of Contract Archaeology*, was recognized for his accomplishments in New Mexico archaeology and for his years of service to the state. He has been working professionally as an archaeologist in the Land of Enchantment since 1986.

Professor Emerita Ann Ramenofsky was honored with a special session at the *Society for American Archaeology (SAA)* annual meeting this April titled "*Ann F. Ramenofsky: Papers in Honor of a Non-Normative Career*." She presented a paper in this session as did numerous UNM alums.

## ADDITIONAL INFORMATION

Visit our website for regular updates on department events, activities, and people:

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