

# **PROGRAM OF THE 83RD ANNUAL MEETING**

**April 11–April 15, 2018  
Washington, DC**



**SOCIETY FOR AMERICAN ARCHAEOLOGY**

THE ANNUAL MEETING of the Society for American Archaeology provides a forum for the dissemination of knowledge and discussion. The views expressed at the sessions are solely those of the speakers and the Society does not endorse, approve, or censor them. Descriptions of events and titles are those of the organizers, not the Society.

*Program of the 83rd Annual Meeting*

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The SAA is dedicated to providing a harassment-free meeting experience for everyone, regardless of sex, gender identity and expression, sexual orientation, disability, physical appearance, ethnicity, religion, or age. Due to their centrality in professional training and networking in our discipline, conferences are clearly an extension of the educational and workplace environment. As such, all office, agency, college or university, and other appropriate institutional rules regarding appropriate behavior apply in these contexts as does the SAA Statement and SAA Principles of Archaeological Ethics. However, should an incident occur while at a SAA-sponsored conference, meeting, or workshop, the SAA officers, Board of Directors, and session or workshop chairs should be considered safe authorities with whom incidents can be discussed. SAA will not tolerate harassment of meeting participants in any form.

## **Awards Presentation and Annual Business Meeting**

**APRIL 13, 2018**

5:00 PM

### **Call to Order**

Call for Approval of Minutes of the  
**2017 Annual Business Meeting**

### **Remarks**

*President Susan M. Chandler, RPA*

### **Reports**

*Treasurer Deborah Nichols, RPA*  
*Secretary Emily McClung de Tapia, RPA*  
*Executive Director Tobi A. Brimsek*

### **Special Report**

*President Susan M. Chandler, RPA*

5:30 PM

### **Presentation of Awards**

*Public Service Award*  
*Gene S. Stuart Award*  
*Archaeology Week Poster Award*  
*Student Poster Award*  
*Student Paper Award*  
*Ethics Bowl Trophy*  
*Scholarships and Fellowships*  
*Dissertation Award*  
*Book Awards*  
*Award for Excellence in Archaeological Analysis*  
*Award for Excellence in Cultural Resource Management*  
*Award for Excellence in Public Education*  
*Crabtree Award*  
*Fryxell Award for Interdisciplinary Research*  
*Award for Excellence in Latin American and Caribbean*  
*Archaeology*  
*Lifetime Achievement Award*

### **New Business**

### **Ceremonial Resolutions**

6:30 PM

### **Adjournment**

### 2018 Award Recipients

SAA award recipients are selected by individual committees of SAA members—one for each award. The Board of Directors wishes to thank the award committees for their hard work and excellent selections, and to encourage any members who have an interest in a particular award to volunteer to serve on a future committee.

#### PUBLIC SERVICE AWARD

**Recipient:** Supervisory Special Agent Timothy S. Carpenter and the Federal Bureau of Investigation Art Crime Team

We proudly present this award to Supervisory Special Agent Timothy S. Carpenter and the Federal Bureau of Investigation (FBI) Art Crime Team for their unique collaborative approach to repatriating objects and human skeletons from over 200 countries in a landmark case involving an Indiana collector. The FBI created the Art Crime Team in 2004 as a rapid deployment unit to respond to theft, looting, and trafficking of cultural property. The team has grown to 16 special agents. In 2014, Supervisory Special Agent Timothy Carpenter took on a case involving an elderly individual in rural Indiana who had amassed more than 40,000 objects and a large number of human skeletons from over 200 countries. The FBI conducted a recovery, and is now working with academics, museum professionals, members of Native American nations, and international repatriation specialists. Agent Carpenter's approach assures that recovering cultural property, collaborating with descendant communities, and repatriating ancestral remains continues to be done with respect and transparency. This landmark case, with its unique collaborative approach, is a replicable model for agencies that investigate antiquities cases.

#### GENE S. STUART AWARD

**Recipient:** Nicholas St. Fleur

Nicholas St. Fleur, writing for *The New York Times*, is the winner of the 2018 Gene S. Stuart Award for archaeological journalism. St. Fleur won for his excellent coverage of archaeological topics including mummies, pyramids, and shipwrecks. His engaging style invites and encourages the public to understand archaeology in the digital age. His article "Medical Tales from a Crypt in Lithuania" explored the archeology and bio-anthropological aspects of ancient life in preserved mummies. He also noted the unanticipated consequences of modern epidemic fears from ancient catacombs. His reporting helps the field of archaeology remain vibrant in the minds of all who read about the past.

#### PAUL GOLDBERG AWARD (FORMERLY THE GEOARCHAEOLOGY MA/MS INTEREST GROUP AWARD)

**Recipient:** Zaakiyah Cua

For her research, *Loyalhanna Lake: A Geoarchaeological Approach to Understanding the Archaeological Potential of Floodplains*, we proudly present the Paul Goldberg Award to Zaakiyah Cua (Indiana University of Pennsylvania).

#### DIENJE KENYON MEMORIAL FELLOWSHIP

**Recipient:** Ashleigh Rogers

Ashleigh Rogers, a PhD student at the University of Queensland, is the recipient of this year's Dienje Kenyon Memorial Fellowship for her research project investigating prehistoric human conservation and sustainable exploitation of the Hawaiian limpet ('opihi, *Cellana*). She will be using midden deposits spanning 500 years from several archaeological sites situated along the windward coast of Moloka'i, Hawaiian Islands. Modern biological transect recording will be conducted on basalt and limestone shorelines adjacent to the archaeological habitation middens at Kealapupuakiha. This research will be conducted in cooperation with Mac Poepoe, a recognized master of traditional Hawaiian fishing methods.

The incorporation of modern shoreline data to archaeological interpretations at Kealapupuakiha will also further illuminate how prehistoric Hawaiians sustainably managed and conserved important marine resources, potentially identifying conservation practices and further illuminating the kapu system and concepts of sustainability and conservation during Hawaiian prehistory.

**FRED PLOG MEMORIAL FELLOWSHIP**

**Recipient:** R. J. Sinensky

R. J. Sinensky is the recipient of the Fred Plog Memorial Fellowship. Sinensky's research explores how and why diverse foodways and land tenure systems developed in early Southwestern farming societies by comparing and contrasting the ways in which groups cultivated, collected, prepared, and consumed foods in areas with varying productivity under maize agriculture. Similar to Plog's focus on socioeconomic transitions in regions that exhibited "weak patterns" of material culture, Sinensky examines variability in foodways of contemporary communities within the Western Puerco region of east central Arizona. This region was home to a culturally diverse population that likely employed a range of economic practices within the confines of a relatively small geographic area. Both productive/population dense and marginal/lower population areas were continuously occupied between 400 BC and AD 1125. Occupational continuity, cultural diversity, and environmental variation make the Western Puerco region an ideal location to investigate the development of diverse socioeconomic systems in small-scale societies.

**DOUGLAS KELLOGG FELLOWSHIP FOR GEOARCHAEOLOGICAL RESEARCH**

**Recipient:** Rachel Cajigas

For her research, *The Interaction of Long Term Canal Irrigation and Wetland Development at the La Playa Site, Sonora, Mexico*, we proudly present the Kellogg Fellowship to Rachel Cajigas (University of Arizona).

**ARTHUR C. PARKER SCHOLARSHIP FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS**

**Recipient:** Jay Rapoza

**NSF SCHOLARSHIP FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS**

**Recipient:** Ashlyn Weaver

**SAA NATIVE AMERICAN UNDERGRADUATE ARCHAEOLOGY SCHOLARSHIP**

**Recipient:** Barry Bausman

**SAA NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP**

**Recipient:** Raquel Romero

**DISSERTATION AWARD**

**Recipient:** Katherine L. Chiou

The dissertation, "Common Meals, Noble Feasts: An Archaeological Investigation of Moche Food and Cuisine in the Jequetepeque Valley, Peru, 600-850 C.E.," by Katherine L. Chiou is a transformative contribution to research well beyond the region in which this study was situated. This body of work exemplifies archaeology's best empirical and comparative strengths in its investigation of the foodways of contrastive social entities at the household and regional scales, across space, and over time. Katherine Chiou draws on a battery of analytical methods (ethnobotany, spatial analysis, household archaeology) to generate a model of class conflict, growing inequities, and a "gastropolitical" contribution to regional collapse. Dr. Chiou's prose, self-defined as a "microhistorical narrative," is also exceptional for its exquisite craftsmanship, which brings to the surface deep interdisciplinary

foundations that guide the researcher and this study. This work represents anthropological archaeology at its finest.

**BOOK AWARD: SCHOLARLY**

**Recipient:** Tom Dillehay

*Where the Land Meets the Sea* presents the results of an astonishingly complex and comprehensive long-term research project at one of the most significant sites in South America: Huaca Prieta, Peru. Tom Dillehay and his colleagues conducted pathbreaking investigations that set an exceptionally high standard for multidisciplinary, integrated archaeological field research, and publication. The site is extremely interesting, and, together with nearby Paredones and surrounding Preceramic houses, establishes that the Andes were among the earliest global examples of emergent complexity in the world. The fieldwork and laboratory analyses of assemblages from Huaca Prieta and surrounding areas exemplify the state-of-the art in empirical archaeological research that is guided and informed by an explicit theoretical framework. This work documents the beginning of South American cultural patterns that persisted for another 14,000 years. The impact of this study will endure, and its rich data and substantive content will be considered by current and future scholars.

**BOOK AWARD: POPULAR**

**Recipient:** Peter Bogucki

Peter Bogucki offers a concise and clearly written summary of the archaeology of "prehistoric" Europe in his book titled *The Barbarians: Lost Civilizations*. The focus on less-acknowledged European groups and their numerous complex lifeways serves as a counterpoint to the well-known ancient Greeks and Romans. The introduction in the book is particularly valuable for educating popular readers on the techniques of archaeology and it offers a brief account of its history in Europe. Subsequent creatively titled chapters include vivid descriptions of numerous sites and their inhabitants' diverse cultural practices. The "Reference" notes in the back of the book provide useful supplementary information on bibliographic sources that are useful for more inquisitive readers. The color photographs in the book were selected with great care and their quality is exceptional. This engaging book comes highly recommended for those who want to learn more about the ancestors of present-day Europeans.

**AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS**

**Recipient:** Joseph W. Ball

For his lifetime of significant contributions to the study of Maya ceramics, his global influence on ceramic studies, and for sharing his knowledge with students and colleagues, we proudly present the Award for Excellence in Archaeological Analysis to Joseph W. Ball. In addition to overseeing important excavations at sites in Mexico and Belize, Joseph Ball dedicated his career to the meticulous study of Maya pottery classification systems, their theoretical underpinnings, and their implications for better understanding ancient sociocultural systems. Dr. Ball's signature emphasis on the type:variety-mode method of ceramic analysis and classification has remained foundational in studies of prehispanic Maya pottery for well over fifty years. Dr. Ball has been instrumental in encouraging Maya archaeologists to think beyond ceramic typology, using their analyses to answer larger questions about ancient Maya society and lifeways. His contributions and influence will be felt for many lifetimes to come.

**AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT**

**Recipient:** Myles R. Miller III

Myles Miller has earned the Award for Excellence in Cultural Resource Management for his contribution over three decades to CRM. Myles developed innovative approaches to analyzing and interpreting CRM-gathered collections which resulted in research and

publications that have impacted Southwestern archaeology. Using collections, Myles' contributions include: (1) analyzing Mimbres B/W pottery from Jornada Mogollon sites to address how Jornada people acquired Mimbres pottery and the movement of Mimbres people; (2) examining collections from Jornada sites and interviewing those who conducted the excavations to interpret the ritual termination of Madera Quemada pueblo; (3) ascertaining a connection between shrine caves and speleothem deposits in residential sites; (4) establishing the age and significance of Tlaloc rock art sites by dating perishable Tlaloc images; (5) amassing chronometric dates to refine Jornada chronology; and (6) analyzing obsidian projectile points from Fort Bliss to illuminate lithic procurement and trade patterns in the region.

#### **AWARD FOR EXCELLENCE IN PUBLIC EDUCATION**

**Recipient:** Kentucky Archaeological Survey

The Kentucky Archaeological Survey and the Davis Bottom History Preservation Project is awarded SAA's Award for Excellence in Public Education for their combination of advocacy and curriculum development in the field of archaeology. Their extraordinary contributions to documenting the archaeology of an entire working-class neighborhood have included historic preservation, conservation archaeology, cultural resource management, and broad outreach strategy including curriculum development. They have produced an outstanding body of work on Davis Bottom, including curriculum directed towards "Project Archaeology: Investigating a Kentucky Shotgun House." This award recognizes the work and long-term service to the discipline by the Kentucky Archaeological Survey and their contributions to the field of public archaeology. Their work and dedication to advocacy and education is an admirable model for all archaeologists and organizations to follow.

#### **CRABTREE AWARD**

**Recipient:** James Warnica

James Warnica has spent a half-century documenting prehistoric sites and conducting archaeological research in New Mexico and the adjoining states. As a teenager he began collecting artifacts near Portales, NM. As Mr. Warnica's interests matured, he became a bridge between the region's avocational and professional communities, particularly on Paleoindian research. Co-founder of the El Llano Archaeological Society, he guided it in collaboration with two generations of Paleoindian archaeologists and was instrumental in preservation of threatened collections and records from Blackwater Draw, the Clovis type site. Mr. Warnica published seven scholarly papers between 1961 and 2017 (two in *American Antiquity*), culminating in a major co-authored monograph on Blackwater Draw. He has reported dozens of archaeological sites in New Mexico. Overall, James Warnica's range of efforts and committed engagement with the professional archaeological community and general public on behalf of Paleoindian and later prehistory make him a deserving recipient of the Crabtree Award.

#### **FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH**

**Recipient:** Vance T. Holliday

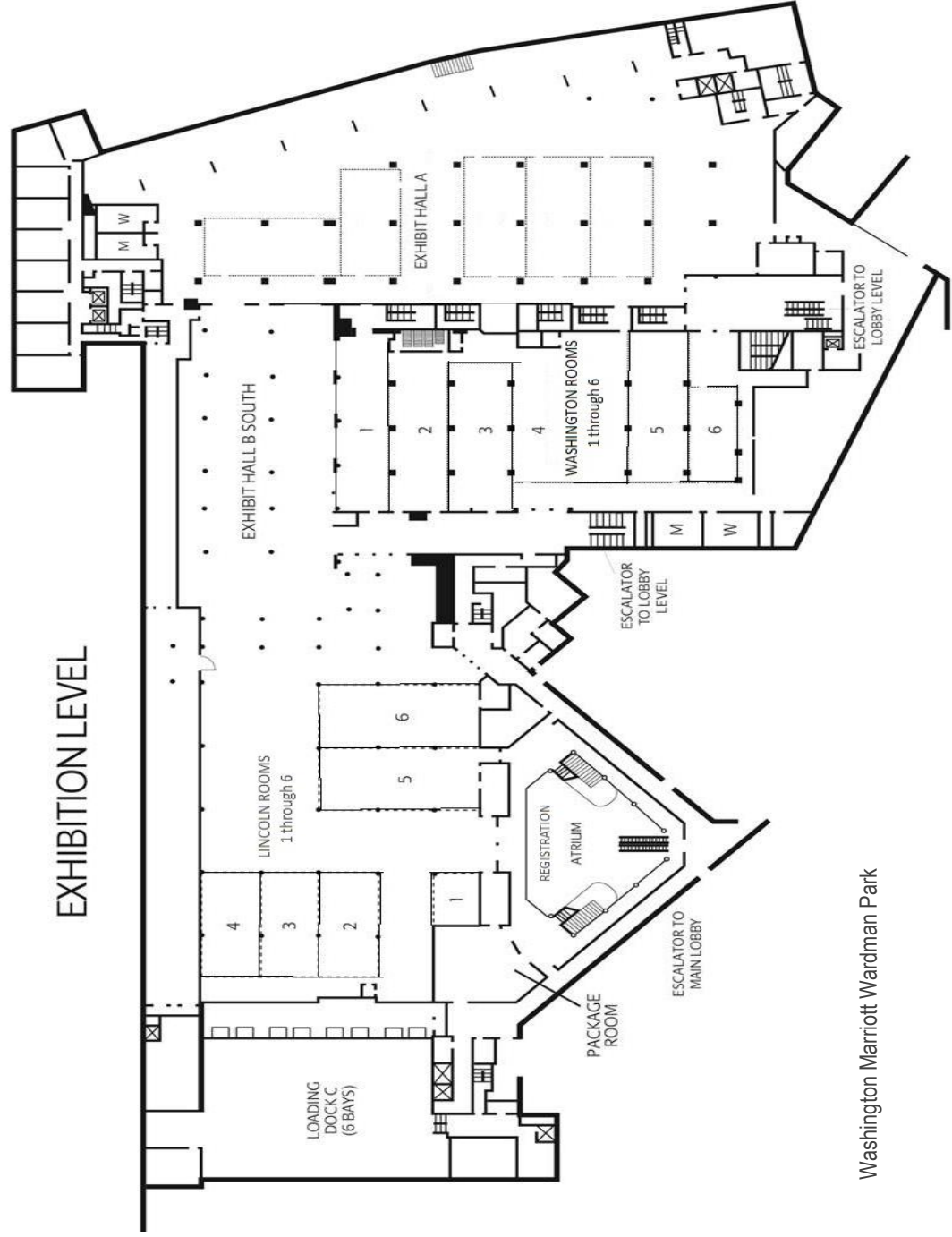
It is our great pleasure to award Vance T. Holliday the 2018 Fryxell Award for Interdisciplinary Research, with an emphasis in Earth Sciences. Vance is extraordinarily deserving of this honor, having contributed over the last several decades substantially and substantively to archaeological research and understanding, particularly of North American Paleoindians but also of Pleistocene peoples elsewhere, as well as to our broader understanding of the soils, sediments, and geomorphic processes that provide the context of archaeological sites. Vance's lasting geoarchaeological contributions were made on the Southern High Plains of North America, where he has been instrumental in developing our understanding of the late Pleistocene climate and environment of the region.

**AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY****Recipient:** María Victoria Castro Rojas

María Victoria Castro Rojas is honored for her remarkably prolific and influential scholarship, notable for both its breadth and innovative contributions. Recognizing from the start that social, ritual, economic, and ecological aspects of human life are inseparable, Victoria defined an interdisciplinary approach that integrated archaeology with ethnohistory, ethnobiology, and cultural anthropology, and drew on descendant communities to incorporate their knowledge of the past. Throughout her career, she has fought to gain recognition for the achievements of prehispanic indigenous people and their modern descendants, serving as guiding member of the UNESCO international committee designating the Qhapaq Nan (Inka road) World Heritage Site, and as adviser for the Great Inka Road exhibit at the Smithsonian's National Museum of the American Indian. She has mentored generations of archaeologists, who have gone on to prominent careers in Chile and abroad. For these reasons, we proudly give Victoria her richly deserved Award for Excellence in Latin American and Caribbean Archaeology.

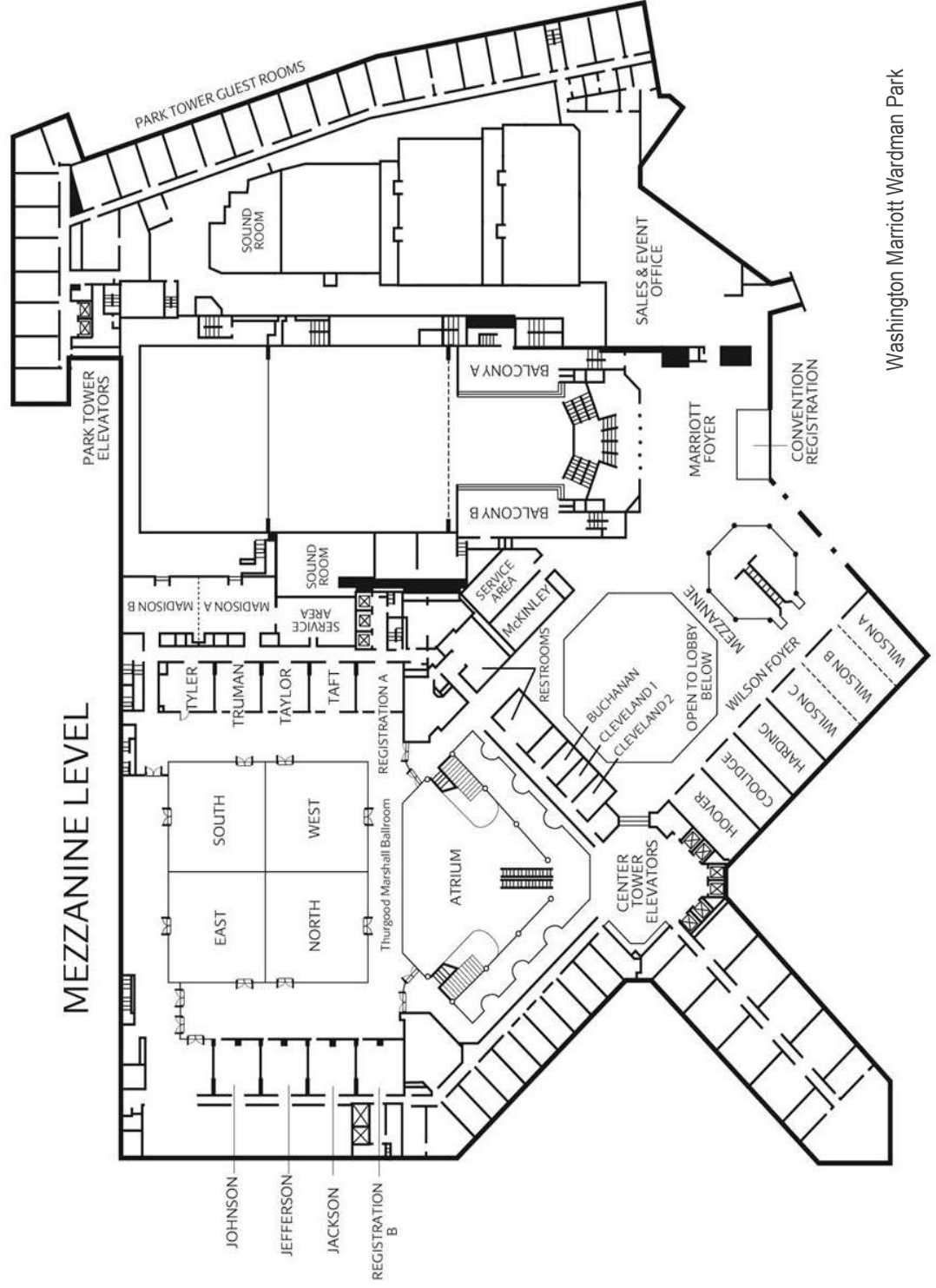
**LIFETIME ACHIEVEMENT AWARD****Recipient:** Martin McAllister

Martin McAllister has earned the Lifetime Achievement Award for his many key contributions to the protection of cultural resources. Among his many accomplishments are his preparation of Archaeological Resource Damage Assessment: Legal Basis and Methods, which established professional standards and methods for all aspects of archaeological damage assessment, and his development and instruction of three-day and five-day "Archaeological Damage Assessment" classes, the only classes in existence that train archaeologists in all aspects of the preparation of archaeological damage assessment reports for Archaeological Resources Protection Act (ARPA) cases. He also led the effort to create the "Professional Standards for the Determination of Archaeological Value" that were adopted by the SAA in 2003 for use by professional archaeologists in ARPA cases, and organized and co-chaired the SAA conference that developed these standards. This award celebrates his life's work, which has been dedicated to the protection of our nation's cultural heritage.



Washington Marriott Wardman Park





Washington Marriott Wardman Park

**SOCIETY FOR AMERICAN ARCHAEOLOGY  
83RD ANNUAL MEETING**

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### **SAA'S 84TH ANNUAL MEETING IN 2019!**

Plan now to attend the SAA 84th Annual Meeting in Albuquerque, New Mexico April 10–14, 2019. Guidelines for contributors (Call for Submissions) who wish to submit papers, posters, or forums for consideration are posted on SAAweb ([www.saa.org](http://www.saa.org)). The Online Submissions System for Albuquerque, New Mexico will open on May 1, 2018.

**STUDENTS, JOIN US!****WEDNESDAY, APRIL 11, 9 PM–10:30 PM, WASHINGTON ROOM 4**

All student attendees are invited to attend this reception hosted by Cambridge University Press, SAA's journal publishing partner, and SAA's Board of Directors in cooperation with SAA's Student Affairs Committee. Have a drink (*soft drinks provided; if of age, you may use your soft drink ticket toward the purchase of a beer or glass of wine*).

Meet SAA's leadership. Have a snack. Meet a mentor. Network with other students. Learn more about SAA. Students are the future of SAA.

On average, members attend more than 20 SAA meetings in their careers. Let this be one of the starting points of your engagement!

**SAA'S BOARD OF DIRECTORS WOULD LIKE TO THANK  
CAMBRIDGE UNIVERSITY PRESS FOR THEIR GENEROUS SUPPORT  
OF THE STUDENT RECEPTION.**



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SOCIETY FOR AMERICAN ARCHAEOLOGY

## GENERAL INFORMATION

### MEETING ROOM LOCATIONS

The entire meeting is self-contained within the Washington Marriott Wardman Park. All room designations are within the hotel.

### ABSTRACTS

The abstracts are available to all on the public side of SAAweb.

Onsite, in the Atrium near registration, will be an **Abstract Viewing Center** where you will be able to reference the abstracts at your convenience through a group of computers provided for that purpose.

### ANNUAL MEETING MOBILE APP

SAA is excited to again be using a mobile app for the 2018 Annual Meeting! The app allows you to easily access meeting info and find your sessions with new pinpoint location mapping. The mobile app is available for Android, Apple, and Blackberry. To access and download the app go to: <https://saadc2018.quickmobile.mobi/>

### AWARDS CELEBRATION & ANNUAL BUSINESS MEETING

The Society's Annual Business Meeting and Awards Presentation will be held at 5:00 pm on Friday in Marriott Salon 2.

### BADGE USE

Badge use is mandatory due to the meeting logistics. Attendees are asked to display their badges to attend meeting events. Badge checkers will be monitoring access to all SAA meeting space. Thank you in advance for your assistance.

### CULTURAL RESOURCE MANAGEMENT CAREER (CRM) EXPO

Sponsored by the *American Cultural Resources Association (ACRA)* and SAA, the CRM Expo will be held from 1:00 pm to 4:00 pm Exhibit Hall B South, Saturday, April 14. Representatives from CRM firms and programs will be available to chat informally and individually with Expo attendees about their organizations, career paths available, etc. A complete list of Expo exhibitors will be provided at

the event. You do not need to be registered for the SAA Annual Meeting to attend the CRM Expo. *You may register at meeting registration for the Expo on April 14 from 12:00 pm to 3:30 pm that day at no charge.* The Expo registration will only admit you to the Expo.

### EMERGENCY INFORMATION CARD

In your registration packet, on your badge and ticket sheet, SAA has included an Emergency Information Card. Please fill out this card completely and slip it behind your badge in your badge holder. Should this information be required, it will then be readily accessible. Thank you.

### EXHIBITS

The SAA Annual Meeting Exhibit Hall provides an exciting array of products and services for you to review—you'll find technology, field equipment, publications, archaeological services, and more! All the tools and information you are looking for will be on display Thursday, April 12, from 10:00 am–5:00 pm; Friday, April 13, from 9:00 am–5:00 pm; and Saturday, April 14, from 9:00 am–5:00 pm, in Exhibit Hall A. **Please note that the Exhibit Hall opens one hour later than usual on Thursday.**

### GENDER INCLUSIVE RESTROOMS

There will be two Gender Inclusive Restrooms in the Washington Marriott Wardman Park from April 11–April 15. These will be located at the Lobby Level near Convention Registration and Exhibit Hall B South. The locations of these designated restrooms will be posted in the lobby near Registration.

### GOVERNMENT AFFAIRS BRIEFINGS

SAA recommends that you attend a briefing prior to your Capitol Hill meetings. Briefings will be held in Washington Room 4 from 7:00 am–7:30 am on Wednesday, Thursday, and Friday. If you can't go to a briefing, David Lindsay, SAA's manager, Government Affairs, will also be available throughout the meeting to answer any questions. To contact him, please stop by the SAA Staff Office,

Park Tower Suite 8228, and the staffer there will page him.

#### GUEST BADGES

Guest Badges were initiated for **immediate family members** who are **non-archaeologists** and who need access to the meeting venue as guests of meeting registrants. Immediate family includes spouse/partner, parents, and children. Friends, colleagues, and other relatives are **not** eligible for guest badges. The registrant must purchase a guest badge that the guest must display at the meeting venue. Guest badges simply provide access to the meeting venue. Guests are not "meeting attendees." **If a guest badge is to be purchased onsite, the meeting registrant must accompany the guest to registration.** Accompanied children 12 years of age or under are not required to display a guest badge. Unaccompanied children may not attend the annual meeting.

#### NEW MEMBER AND FIRST-TIME ATTENDEE MEETING ORIENTATION

Come and get the scoop on how to navigate the annual meeting from 5:30 pm–6:00 pm in Hoover on Wednesday, April 11. Ask questions and be prepared just before the Opening Session/President's Forum kickoff. We would like to welcome you to Washington, DC at this brief but information-packed session! No pre-registration required! The orientation will be run by SAA's staff archaeologist and manager, Education and Outreach, Elizabeth Pruitt.

#### OFFICE

Beginning Monday, April 9, through Sunday, April 15, the SAA Staff Office is located in Park Tower Suite 8228.

#### OPENING SESSION/PRESIDENT'S FORUM

The Opening Session/President's Forum, *What We Have Learned*, will be on Wednesday, April 11, in Marriott Salon 2 from 6:30 pm to 8:30 pm.

#### POSTER SESSIONS

##### **ALL POSTER SESSIONS ARE TWO-HOUR SLOTS.**

Poster sessions will be conducted in Exhibit Hall B South beginning on Thursday, April 12. Each session

contains different posters, whose authors and space assignments are listed in the program. Please check the program or *Sessions at a Glance* for the poster session schedule.

#### **New in 2018 – Posters After Hours!**

SAA will be premiering its Posters After Hours session on Thursday, April 12 from 5:00 pm to 7:00 pm in Exhibit Hall B South. This session will feature **100** posters. With a relaxed atmosphere and a cash bar, this session serves as the perfect venue to connect with colleagues and discuss current research.

#### PRESS OFFICE

The Press Office, located in Park Tower Suite 8209, will be open Wednesday through Saturday, 9:00 am–5:00 pm, and on Sunday, 9:00 am–12:00 pm, staffed by Amy Rutledge, SAA's manager, Communications and Fundraising.

#### REGISTRATION

Registration is located in the Atrium from Wednesday–Saturday. Registration hours: Wednesday, 2:00 pm–8:00 pm; Thursday, 7:00 am–8:00 pm; Friday, 7:00 am–4:00 pm; Saturday, 7:00 am–4:00 pm; On Sunday only, registration will be located in the SAA Staff Office (Park Tower Suite 8228) from 7:00 am–8:00 am. Individuals who registered by March 22, 2018, can pick up their registration packets at the Advance Registration counters. Individuals who have not registered in advance should report to the Onsite Registration desk. *A badge is required for admission to meeting sessions, workshops, excursions, and exhibits.* A \$5 fee will be charged to replace a badge or program book.

#### SESSION CHAIRS

Please maintain the established schedule in fairness to persons planning to attend specific presentations; please pause for the period allotted in the program if a scheduled speaker fails to appear. **It is very important that all session chairs end at their scheduled times.** Rooms are re-used for multiple sessions.

**SILENT AUCTION**

Visit the Native American Scholarships Committee (NASC) Booth 809 in the Exhibit Hall, Exhibit Hall A, to place your bids while contributing to a worthy cause. How does the silent auction work? First, sign up for a bidder number at the NASC booth. Then, when you see something you want, decide how much you'd like to spend and write your bid and bidder number on the bid sheet. Of course, once others see your bid, they might decide to make an offer, as well. So, you'll have to stop by the booth from time to time to see if your bid is still the highest. If not, raise it, and keep on trying. The bidding ends Saturday at noon.

**SMOKING POLICY**

Smoking is prohibited.

**SOCIAL MEDIA**

Join the discussion about the 83<sup>rd</sup> Annual Meeting on Twitter #SAA2018. Students can also contribute to the discussion using #SAAstudents.

**SPEAKER READY ROOM**

For presenters who wish to check a presentation, LCD projectors and screens will be available in the Speaker Ready Room in the VIP Room located on the Lobby level near Marriott Salon 2. The Speaker Ready Room will be open on Wednesday from 2:00 pm–8:00 pm, on Thursday from 7:00 am–9:00 pm, on Friday and Saturday from 7:00 am–6:00 pm, and on Sunday from 7:00 am–11:45 am.

**STUDENT WELCOME RECEPTION—ALL STUDENT ATTENDEES**

All student attendees are invited to attend a reception hosted by Cambridge University Press and SAA's Board of Directors in cooperation with SAA's Student Affairs Committee. From 9:00 pm–10:30 pm on Wednesday in Washington Room 4, meet SAA leadership, network with colleagues, have some great food, and learn more about SAA! *Soft drinks provided, or you can use your soft drink ticket toward the purchase of a glass of wine or a beer, if you are of age.* Don't forget to pre-register for this event to get a drink ticket in your packet!

**FEATURED SESSIONS*****Opening Session/President's Forum*****Title:** What We Have Learned**Organizer:** Tim A. Kohler**Date:** Wednesday, April 11, 2018**Time:** 6:30 pm–8:30 pm**Location:** Marriott Salon 2

What have we learned through the lens of the archaeological record that is really useful for society today? Why do we continue to do archaeology, and why is it important? Archaeologists with diverse perspectives, experiences, and situations answer this question for themselves, and for you.

**Participants:**

Tim A. Kohler, Moderator

Susan Chandler

Sonya Atalay

Junko Habu

Susan Alcock

Thomas H. McGovern

Lynne Goldstein

Ian Hodder

Jeremy Sabloff

Sander van der Leeuw

***Ethics Bowl*****Date:** Thursday, April 12, 2018**Time:** 1:00 pm–3:00 pm**Location:** Lincoln 2

The Ethics Bowl, which debuted at the 2004 meeting, is a festive, debate-style competition that explores the ethics of archaeological practice.

***Presidential Sponsored Forum*****Title:** Bears Ears, the Antiquities Act, and the Status of our National Monuments**Organizer:** William Doelle**Date:** Thursday, April 12, 2018**Time:** 3:00 pm–5:00 pm**Location:** Marriott Salon 2

The Antiquities Act of 1906 has been an amazingly effective tool for the landscape-scale protection of cultural and natural resources in the United States. Crafted by archaeologist Edgar Lee Hewett, in consultation with Representative Lacy of Iowa, the bill

was signed into law by President Theodore Roosevelt on June 8, 1906. Roosevelt immediately went to work. When he left office in 1909, he had made proclamations to establish 18 national monuments in 9 western states. In subsequent years 15 additional presidents, of both political parties, used the Antiquities Act to establish national monuments that number over 150 and total nearly 250 million acres. Until the Bears Ears National Monument proclamation by President Obama on December 28, 2016, there has never been a national monument effort where Native Americans took the lead. For Bears Ears, it was a coalition of five tribes that took the leadership role. Archaeologists were there as supporters as well. When Donald Trump was sworn in as the nation's 45th president, more than a century of preservation efforts under the Antiquities Act came under severe threat. This Forum brings together historical, tribal, government, and up-to-the-moment perspectives on the Antiquities Act through the case study of Bears Ears.

**Participants:**

William Doelle, Moderator

Francis McManamon

Bruce Babbitt

Carleton Bowekaty

Willie Grayeyes

Josh Ewing

Barbara Pahl

Lyle Balenquah

William Lipe

R. E. Burrillo

Benjamin Bellorado

***Posters After Hours*****Date:** Thursday, April 12, 2018**Time:** 5:00 pm–7:00 pm**Location:** Exhibit Hall B South**Premiering at this meeting:**

SAA will host the first-ever Posters After Hours session. This session will feature **100** posters. With a relaxed atmosphere and a cash bar, this session serves as the perfect venue to connect with colleagues and discuss current research.

### CELEBRATE ARCHAEOLOGY BY USING YOUR BALLOT!

As in the past, your registration package includes a ballot for the Archaeology Week/Month Poster Contest. In the Exhibit Hall B South these colorful advertisements for archaeology will be displayed, beginning on Thursday morning. Use your ballot to vote for the one you like best. The balloting will close at 12:00 pm on Friday, and the winners will be honored at the Annual Business Meeting and Awards Celebration at 5:00 pm on Friday in Marriott Salon 2. The poster contest is cosponsored by SAA's Public Education Committee and the Council of Affiliated Societies.

#### MEETING SERVICES: HOURS OF OPERATION

	Wednesday	Thursday	Friday	Saturday	Sunday
Abstract Viewing Center	2pm–8pm <i>Atrium</i>	7am–10pm <i>Atrium</i>	7am–4pm <i>Atrium</i>	7am–5pm <i>Atrium</i>	7am–11am <i>Atrium</i>
Registration	2pm–8pm <i>Atrium</i>	7am–8pm <i>Atrium</i>	7am–4pm <i>Atrium</i>	7am–4pm <i>Atrium</i>	7am–8am SAA Staff Office – Park Tower Suite 8228
Speaker Ready Room	2pm–8pm <i>VIP Room Lobby Level – near Marriott Salon 2</i>	7am–9pm <i>VIP Room Lobby Level – near Marriott Salon 2</i>	7am–6pm <i>VIP Room Lobby Level – near Marriott Salon 2</i>	7am–6pm <i>VIP Room Lobby Level – near Marriott Salon 2</i>	7am–11:45am <i>VIP Room Lobby Level – near Marriott Salon 2</i>
Press Office	9am–5pm <i>Park Tower Suite 8209</i>	9am–5pm <i>Park Tower Suite 8209</i>	9am–5pm <i>Park Tower Suite 8209</i>	9am–5pm <i>Park Tower Suite 8209</i>	9am–12pm <i>Park Tower Suite 8209</i>
Exhibits		10am*–5pm <i>Exhibit Hall A</i> <i>*Note: one hour later than usual start time – today only</i>	9am–5pm <i>Exhibit Hall A</i>	9am–5pm <i>Exhibit Hall A</i>	
CRM EXPO				1pm–4pm <i>Exhibit Hall B South</i>	

### Summary Schedule

#### **Monday, April 9**

8:00 am–5:00 pm  
*Park Tower Suite 8212*  
 US Forest Service Heritage Program Meeting

#### **Tuesday, April 10**

8:00 am–5:00 pm  
*Coolidge*  
 US Forest Service Heritage Program Meeting (con't)

6:00 pm–9:00 pm  
 Executive Committee Meeting

#### **Wednesday, April 11**

**2:00 pm–8:00 pm**  
**Atrium**  
**Meeting Registration**

7:00 am–7:30 am  
*Washington Room 4*  
 Government Affairs Briefing for those Visiting Capitol Hill

7:00 am–8:00 am  
*Congressional*  
 SAA Board of Directors New Board Member Orientation

8:00 am–4:45 pm  
*Congressional*  
 SAA Board of Directors Meeting

8:00 am–5:00 pm  
*Coolidge*  
 US Forest Service Heritage Program Meeting (con't)

9:00 am–4:00 pm  
*McKinley*  
 Association of Transportation Archaeologists (ATA) Annual Meeting

9:00 am–5:00 pm  
*Madison A*  
 Project Archaeology Annual Coordinators and Friends Meeting

9:00 am–5:00 pm  
*Taft*  
 National Park Service Archaeologists Meeting

9:00 am–5:00 pm  
*Park Tower Suite 8209*  
 Press Office

1:00 pm–5:00 pm  
*Harding*  
 National Association of State Archaeologists Annual Meeting

1:00 pm–5:00 pm  
*Madison B*  
*Workshop* Best Practices for Digital Data Management and Curation

1:00 pm–5:00 pm  
*Excursion* Perishable Fibers Study Tour

5:00 pm–6:00 pm  
 Past President's Advisory Board Reception (by invitation)

5:30–6:00 pm  
*Hoover*  
 First-time Attendees Meeting Orientation

6:30 pm–8:30 pm  
*Marriott Salon 2*  
 President's Forum/Opening Session

9:00 pm–10:30 pm  
*Washington Room 4*  
 Student Member Welcome Reception (No fee; pre-registration required)

**Thursday, April 12****7:00 am–8:00 pm****Atrium****Meeting Registration**

7:00 am–7:30 am

*Washington Room 4*Government Affairs Briefing for those  
Visiting Capitol Hill

7:00 am–7:50 am

*Coolidge*Board of Directors and Interest Group  
Organizer Breakfast (by invitation)

7:30 am–12:00 pm

*Park Tower Suite 8206 and Park Tower  
Suite 8212*

Ethics Bowl Preliminary Rounds

8:00 am–10:00 am

*Virginia A*

Council of Councils Meeting

8:00 am–10:00 am

*Virginia B*

Publications Committee Meeting

8:00 am–12:00 pm

Symposia

8:30 am–12:30 pm

*Excursion* Repatriation Tour of the  
Smithsonian National Museum of the  
American Indian and National Museum  
of Natural History in Suitland, MD

8:30 am–3:30 pm

*Excursion* Mt. Vernon Archaeology Tour

9:00 am–5:00 pm

*Park Tower Suite 8209*

Press Office

10:00\* am–5:00 pm

*Exhibit Hall A*

Exhibits

\*Note: one hour later than usual start  
time today

12:00 pm–1:00 pm

*Virginia B*

Heritage Values Interest Group Meeting

12:00 pm–1:00 pm

*Virginia A*Queer Archaeology Interest Group  
Meeting

1:00 pm–3:00 pm

*Lincoln 2*

Ethics Bowl

1:00 pm–5:00 pm

Symposia

2:00 pm–3:00 pm

*Park Tower Suite 8211*

Fundraising Committee Meeting

3:00 pm–5:00 pm

*Virginia B*Meeting of *Latin American Antiquity*  
Editorial Board

3:00 pm–5:00 pm

*Virginia C**Workshop* Navigating the Grant Process

3:00 pm–5:00 pm

*Park Tower Suite 8209*

Media Relations Committee Meeting

4:00 pm–6:00 pm

*Virginia A*Council of Affiliated Societies Annual  
Business Meeting

4:00 pm–5:00 pm

*Thurgood Marshall Ballroom North and  
West*

Book Awards Committee Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and  
West*Amity Pueblo MOA Compliance Task  
Force Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and  
West*

Committee on Curriculum Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and  
West*

Ethics Committee Meeting

4:00 pm–6:00 pm  
*Thurgood Marshall Ballroom North and West*

Government Affairs Committee Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Investment Committee Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Minority Scholarships Committee Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Committee on Museums, Collections, and Curation Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Committee on Native American Relations Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Native American Scholarships Committee Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Fred Plog Memorial Fellowship Committee

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Public Education Committee Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Committee on the Status of Women in Archaeology Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Student Affairs Committee Meeting

4:00 pm–6:00 pm

*Thurgood Marshall Ballroom North and West*

Task Force for Valuing Archaeology Meeting

**5:00 pm–7:00 pm**

***Exhibit Hall B South***

**Posters After Hours**

5:30 pm–7:30 pm

*Congressional*

Society for Archaeological Sciences

Business Meeting

5:30 pm–7:00 pm

*Coolidge*

Women's Networking Reception

6:00 pm–7:00 pm

*Park Tower Suite 8206*

Indigenous Populations Interest Group Meeting

6:00 pm–10:00 pm

Symposia

7:00 pm–7:30 pm

*Coolidge*

Women in Archaeology Interest Group

Business Meeting

***Friday, April 13***

**7:00 am–4:00 pm**

**Atrium**

**Meeting Registration**

7:00 am–7:30 am

*Washington Room 4*

Government Affairs Briefing for those

Visiting Capitol Hill

8:00 am–10:00 am <i>Virginia A</i> International Government Affairs Committee Meeting	12:00 pm–1:00 pm <i>Virginia C</i> Zooarchaeology Interest Group Meeting
8:00 am–12:00 pm Symposia	12:00 pm–1:30 pm <i>Virginia A</i> International Association for Obsidian Studies (IAOS) Annual Meeting
8:30 pm–12:30 pm <i>Excursion</i> Smithsonian Collections Tour, National Museum of the American Indian	1:00 pm–3:00 pm <i>Park Tower Suite 8223</i> Repatriation Committee Meeting
8:30 pm–12:30 pm <i>Excursion</i> Smithsonian Collections Tour, National Museum of Natural History	1:00 pm–3:00 pm <i>Maryland B</i> Meeting of <i>American Antiquity</i> Editorial Board
9:00 am–11:00 am <i>Maryland A</i> Committee on the Americas Meeting	1:00 pm–3:00 pm <i>Maryland C</i> PEC State Network Coordinators Meeting
9:00 am–12:00 pm <i>Park Tower Suite 8211</i> Executive Board Meeting of AAA-AD	1:00 pm–5:00 pm Symposia
9:00 am–5:00 pm <i>Park Tower Suite 8209</i> Press Office	2:00 pm–4:00 pm <i>Maryland A</i> The Heritage Education Network Business Meeting
9:00 am–5:00 pm <i>Exhibit Hall A</i> Exhibits	3:00 pm–4:00 pm <i>Virginia C</i> Public Archaeology Interest Group Meeting
12:00 pm–1:00 pm <i>Maryland A</i> Fiber Perishables Interest Group Meeting	3:00 pm–4:30 pm <i>Congressional</i> Forensic Archaeology Recovery Annual Meeting
12:00 pm–1:00 pm <i>Congressional</i> History of Archaeology Interest Group Meeting	3:30 pm–4:30 pm <i>Maryland C</i> Island and Coastal Archaeology Interest Group Meeting
12:00 pm–1:00 pm <i>Park Tower Suite 8212</i> Military Archaeology Resource Stewardship (MARS) Interest Group Meeting	<b>5:00 pm–6:30 pm</b> <b><i>Marriott Salon 2</i></b> <b>Annual Business Meeting and</b> <b>Awards Presentation</b>
12:00 pm–1:00 pm <i>Virginia B</i> Prehistoric Quarries and Early Mines Interest Group Meeting	6:45 pm–8:45 pm <i>Virginia B</i> Society of Africanist Archaeologists Reception

6:45 pm–8:45 pm  
*Maryland B*  
Native American Welcome Reception

7:00 pm–8:00 pm  
*Taft*  
Afro-Latin American Archaeology  
Interest Group Meeting

7:00 pm–8:00 pm  
*Taylor*  
Archaeologist-Collector Collaboration  
Interest Group Meeting

7:00 pm–8:00 pm  
*Jefferson*  
Repatriation Interest Group Exploratory  
Meeting

7:00 pm–8:00 pm  
*Johnson*  
Curation Interest Group Exploratory  
Meeting

7:00 pm–8:00 pm  
*Harding*  
Bioarchaeology Interest Group  
Exploratory Meeting

7:00 pm–8:00 pm  
*Jackson*  
Quantitative Methods and Statistical  
Computing in Archaeology Interest  
Group Meeting

7:00 pm–8:30 pm  
*Truman*  
Teaching Archaeology Interest Group  
Meeting and Third Annual Teaching  
Slam

7:00 pm–8:30 pm  
*Madison B*  
Rock Art Interest Group Meeting

7:00 pm–9:00 pm  
*Tyler*  
Geoarchaeology Interest Group Meeting

7:00 pm–9:00 pm  
*Hoover*  
Digital Data Interest Group and Open  
Science in Archaeology Interest Group  
Joint Meeting

7:00 pm–9:00 pm  
*Madison A*  
Committee on Climate Change  
Strategies and Archaeological  
Resources Meeting

### **Saturday, April 14**

**7:00 am–4:00 pm**  
**Atrium**  
**Meeting Registration**

7:00 am–8:00 am  
*Coolidge*  
Committee and Task Force Chair  
Breakfast with the Board of Directors (by  
invitation)

8:00 am–12:00 pm  
Symposia

8:15 am–5:00 pm  
*McKinley*  
SAA Board of Directors Meeting

9:00 am–5:00 pm  
*Park Tower Suite 8209*  
Press Office

9:00 am–10:30 am  
*Madison A*  
*Workshop* Using tDAR: A Workshop for  
SAA Members Benefitting from the  
SAA–Center for Digital Antiquity Good  
Digital Curation Agreement

9:00 am–11:00 am  
*Coolidge*  
Hands-On Teaching II: New Activities to  
Get Students Active and Engaged

9:00 am–5:00 pm  
*Exhibit Hall A*  
Exhibits

10:00 am–12:00 pm

*Congressional*

*Advances in Archaeological Practice*

Editorial Board Meeting

1:00 pm–4:00 pm

*Exhibit Hall B South*

CRM Expo

1:00 pm–5:00 pm

Symposia

5:30 pm–7:00 pm

*Coolidge*

Get-Together for Archaeologists of East  
and Southeast Asia

***Sunday, April 2***

**7:00 am–8:00 am**

***Park Tower Suite 8228***

**Meeting Registration**

8:00 am–12:00 pm

Symposia

9:00 am–12:00 pm

*Park Tower Suite 8209*

Press Office

## A WORD ABOUT THE SESSIONS

The sessions that make up the bulk of the program fall within seven categories:

**Forum**—An interactive format organized around a tightly focused theme. Formal presentations are kept to a minimum to encourage discussion between presenters and audience. Forums are two hours.

**General Session**—Consists of Posters and Contributed Papers (15 minutes), each submitted individually by its author(s). Presentations are grouped together by the program chair around a particular theme, usually geographic or methodological. Session chairs are designated by the program chair.

**Symposium**—A group of 15-minute presentations on a well-defined theme submitted together by a chair. Also includes poster presentations submitted as a group and organized around a single theme.

**Electronic Symposium**—A discussion format in which the organizer posts the papers on the web at least one month before the meeting. No papers are read at electronic symposium as it is assumed that attendees will have read the material beforehand. Generally a few minutes' summary of the papers are the introduction to the two-hour discussion session.

**Debate**—A Debate is a format designed to encourage debate and discussion of current issues. A Debate consists of a moderator and discussants representing at least two different perspectives. No papers are listed with the session. Debate sessions may have no fewer than 4 discussants and no more than 6 discussants. Debates are two hours long.

**Lightning Rounds**—A Lightning Round is analogous to a forum format (there will be a moderator, perhaps a co-moderator, and discussants). Each Lightning Round will be organized around a topic or an area. The second hour will be for discussion in groups with individual presenters or discussion with the group as a whole. Each Lightning Round will be two-hours long with the first hour consisting of three-minute presentations (with three slides maximum; 10–15 discussants).

**Posters After Hours**— This session will feature 100 posters. With a relaxed atmosphere and a cash bar, this session serves as the perfect venue to connect with colleagues and discuss current research.

Any of these sessions may be “sponsored” and/or “invited.” The designation “sponsored” indicates the support of an SAA committee or interest group, or an organization outside SAA. The designation “invited” reflects a special status and role within the meeting, as defined by the Program Committee Chair. All sponsored and invited sessions are subject to review by the Program Committee, as are all other submissions, and are subject to the three-role rule. Because numerous groups wish to sponsor sessions, the Program Committee must balance such requests with other program goals; as a result, in some circumstances, requests for sponsored sessions may be rejected. The only exceptions to the review process and three-role rule are the opening and plenary sessions.

*Note: All poster sessions are two hours in duration. Please check the schedule for these sessions in Sessions at a Glance.*

### SAA's 84th Annual Meeting in 2019!

Plan now to attend the SAA 84th Annual Meeting in Albuquerque, New Mexico April 10–14, 2019. Guidelines for contributors (Call for Submissions) who wish to submit papers, posters, or forums for consideration are posted on SAAweb ([www.saa.org](http://www.saa.org)). The Online Submissions System for Albuquerque will open May 1, 2018.

Sessions at a Glance: Wednesday Evening, April 11 and Thursday Morning, April 12					
Wednesday April 11	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00
Marriott Salon 2		1 Forum: President's Forum: What We Have Learned			
Thursday April 12	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00
Park Tower Suite 8222	2 General Session: Precontact Archaeology in South				
Taylor	3 General Session: Central Asian Archaeology				
Wilson A	4 General Session: Southwest Asia: Mesolithic,				
Jefferson	5 General Session: Surveys and Settlement Patterns			46 General Session: Materials Analysis and	
Exhibit Hall B South	6-15 Poster Sessions			47-55 Poster Sessions	
Jackson	16 General Session: Arctic North America			44 General Session: North American Hunter-	
Wilson B	17 General Session: Andean Archaeology: Formative				
Johnson	18 General Session: Survey, Remote Sensing and Site Formation in			56 General Session: Southeast and	
Delaware A	19 General Session: Mesoamerica: Archaeology of the Gulf and			45 General Session: East Asia: the Jomon	
Maryland C	20 General Session: Research from Oceania and the Australian				
Taft	21 General Session: Migration, Trade and Mobility in North American				
Hoover	22 General Session: Material Culture Analysis in the Northeast				
Maryland A	23 General Session: Historic Archaeology in the Old World				
Maryland B	24 General Session: East Asia: the Protohistoric and Historic Periods				
Washington Room 6	25 General Session: Identity, Gender and Ethnicity				
Wilson C	26 General Session: Midwestern North America: Village Farmers				
Madison A	27 General Session: The Ancestral Pueblo Period				
Harding	28 General Session: Classic Mesoamerica: Landscape, Monumentality and				
Truman	29 General Session: Prehistoric and Protohistoric Research from Europe				
Th. Marshall Ballroom East	30 General Session: Sociopolitical Organization and Architecture in Maya Archaeology				
Washington Room 1	31 General Session: Highland Mesoamerica				
Lincoln 2	32 General Session: African Archaeology				
Washington Room 3	33 General Session: Iconography, Symbolism and Identity in Mesoamerica				
Th. Marshall Ballroom South	34 General Session: Coastal and Island Archaeology				
Lincoln 4	35 General Session: Landscape and Ecology in the Southeastern United States				
Washington Room 2	36 General Session: Contact Period Archaeology				
Lincoln 6	37 General Session: Preclassic, Classic and Postclassic Maya				
Washington Room 4	38 General Session: The Archaeology of the Great Basin and California				
Marriott Salon 3	39 General Session: Historic Archaeology in the New World				
Washington Room 5	40 General Session: Digital Landscapes I – Applications in GIS				
Lincoln 5	41 General Session: Old World Palaeolithic				
Lincoln 3	42 General Session: Cultural Resources and Heritage Management in the Americas				
Marriott Salon 2	43 General Session: Zooarchaeology and Subsistence				

### Sessions at a Glance: Thursday Afternoon, April 12

Thursday April 12	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Jackson	57 Symposium: Archaeological Research in the Hispanic			
Park Tower Suite 8222	58 General Session: Ethnoarchaeological Approaches		97 Symposium: Advances in	
Wilson B	59 Electronic Symposium: Recent Developments in Mexican and			
Jefferson	60 Forum: Challenges in Teaching NAGPRA			
Johnson	61 Forum: Archaeology and Innovative Outreach: Beyond the			
Taft	62 Forum: Forensic Archaeology			
Tyler	63 General Session: Global Issues in Public Archaeology and			
Madison A	64 Symposium: New Research on Late Preceramic Peru: Perspectives			
Washington Room 6	65 General Session: Andean Archaeology: Late and Late Intermediate			
Madison B	66 General Session: Mortuary Archaeology in the Americas			
Truman	67 General Session: Global Studies on Slavery			
Washington Room 5	68 General Session: Digital Landscapes II – Photogrammetry, Remote Sensing and			
Hoover	69 General Session: Ceramic Analysis			
Wilson C	70 General Session: Conservation and Museum Studies			
McKinley	71 General Session: Southwest Asia: Bronze, Iron and Historic Periods			
Taylor	72 Symposium: Research and Management of Traditional Cultural Properties in the Southwest			
Wilson A	73 General Session: Iconography and Rock Art			
Harding	74 General Session: Dating Techniques			
Maryland A	75 Symposium: Landscapes of Warfare: A Comparative Perspective			
Maryland B	76 Symposium: Emerging from the Shadow of the Ceiba: Recent Research in Maya			
Th. Marshall Ballroom East	77 General Session: Archaeometry and Materials Analysis			
Delaware B	78 Symposium: Marine Archaeology: Retrospective/Prospective			
Washington Room 4	79 Symposium: Papers in Honor of Dennis Stanford			
Maryland C	80 Symposium: The Flexible Maya City: Attraction, Contraction, and Planning in Classic Urban Dynamics			
Marriott Salon 3	81 General Session: Southeastern North America from Prehistory to the Contact Period			
Lincoln 4	82 Symposium: Sociopolitical Integration in Prehispanic Neighborhoods: Comparative Perspectives			
Delaware A	83 Symposium: Beyond Centrality: Bridging Network Approaches through Archaeological Narratives			
Washington Room 3	84 Symposium: Shell Middens: Formation, Function, Survey, and Endangered Cultural/Paleoenvironmental Heritage			
Lincoln 3	85 General Session: Global Approaches to Landscape Archaeology			
Washington Room 2	86 General Session: Global Approaches to Paleoethnobotany			
Washington Room 1	87 Symposium: The Archaeology of Childcare			
Lincoln 5	88 General Session: Bioarchaeology and Forensic Anthropology			
Th. Marshall Ballroom South	89 General Session: Experimental Archaeology			
Lincoln 6	90 Symposium: Discs, Fish, Squirrels and Scat: Papers in Honor of Walter Klippel			
Exhibit Hall B South		91-95 Poster Sessions		
Marriott Salon 2			96 Forum: Bears Ears, the Antiquities Act, and the Status of Our	

Sessions at a Glance: Thursday Evening, April 12						
Thursday April 12	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM
Exhibit Hall B South	98-106 Posters After Hours					
Taft		107 Symposium: "Ethical"		143 Symposium: Biomolecules and Museums		
Johnson		108 Symposium: Real, Recent, or Replica?				
Park Tower Suite 8222		109 Electronic Symposium: Debt in Pre-Modern		144 Symposium: "The British		
Jefferson		110 Electronic Symposium: Practicing				
Jackson		111 Electronic Symposium: Environmental				
Truman		112 Forum: Mentoring Undergraduate Research				
Maryland A		113 Symposium: Seascapes, Waterscapes and				
Taylor		114 Symposium: Indigenous Archaeologies: Global		145 Symposium:		
Washington Room 6		115 Symposium: Results of the NEH- and NGS-funded Excavation				
Wilson A		116 Symposium: Anthropogenic Rainforest: Landscape Management in the				
Wilson B		117 Symposium: Voicing the Colonized: An Exploration of Differing				
Washington Room 5		118 General Session: Advances in Digital Archaeology				
Wilson C		119 Symposium: 1300-1500 CE: Migration, Relocation, and Abandonment in Eastern				
McKinley		120 Symposium: Fluted Point Technology: Variation across a Hemisphere				
Harding		121 Symposium: Urbanism, Technology, and Identity: Celebrating the Comparative				
Hoover		122 Symposium: Agent of Change: The Deposition and Manipulation of Ash in the				
Madison A		123 Symposium: Material Culture and Multivocal Cultural Dialogue in the				
Madison B		124 Symposium: Intra-Site Spatial Analysis of Mobile Peoples: Analytical				
Tyler		125 Symposium: Getting to Know the Neighbors: Archaeological Investigations of				
Washington Room 1		126 Symposium: Coprolite Research: Archaeological and Paleoenvironmental				
Washington Room 2		127 Symposium: Reconstructing Forager Lifeways at the Pleistocene-Holocene				
Lincoln 2		128 Symposium: Classic Veracruz Deities				
Lincoln 3		129 Symposium: Palimpsest Urbanism: Charting the Long-term Development of the				
Lincoln 4		130 Symposium: Digital Heritage Technologies, Applications and Impacts				
Maryland C		131 Symposium: Perspectives on Documentary Relations, Ethnographic Observations and				
Delaware A		132 Symposium: Are We Inkas? Inkas and Local Polities Interactions as Seen through the				
Delaware B		133 Symposium: Chasing Hunter-Gatherers and Early Farmers in the Great Lakes and Beyond –				
Maryland B		134 Symposium: New Approaches to the Archaeology of Ritual in the Subterranean Realm				
Washington Room 3		135 Symposium: Burning Libraries: Environmental Threats to Heritage and Science				
Washington Room 4		136 Symposium: Performing in the Shadows: Ritual Production in Caves and Rockshelters				
Marriott Salon 3		137 Symposium: Next Generation Archaeological Science: Everything You Wanted to Know But Were				
Lincoln 5		138 Symposium: Archaeological Collections Care for the Collections Specialist: Current Topics and				
Lincoln 6		139 Symposium: Contextualizing Museum Collections at the Smithsonian Institution				
Th. Marshall Ballroom East		140 Symposium: Extraction Sites and Cultural Landscapes				
Th. Marshall Ballroom South		141 Symposium: Artifact Characteristics, Production Processes and Social Interactions in the Andean				
Marriott Salon 2		142 Symposium: Reconceptualizing Rurality: Current Research in the Ancient Maya Hinterlands				

### Sessions at a Glance: Friday Morning, April 13

Sessions at a Glance: Friday Morning, April 13					
Friday April 13	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00
Jefferson	146 General Session: Protohistoric and Historic				
Delaware A	147 Electronic Symposium: Rapid Abandonment, De Facto				
Wilson A	148 Forum: So You Want to Work?: A Discussion on Non-				
Wilson C	149 Forum: Collaborating on Archaeological Collections Care				
Hoover	150 Forum: Cycads, Humans, and Maize in Mesoamerican				
Johnson	151 Forum: Cultural Resources in the Age of Trump				
Taylor	152 Forum: Advances and Prospects in the Archaeological				
Exhibit Hall B South	153-157 Poster Sessions			184-190 Poster Sessions	
Truman	158 Symposium: Mas allá de la arqueología oficial: modelos de				
Tyler	159 Symposium: Archaeology on the Atlantic Seaboard after				
Taft	160 Lightning Rounds: Engaging “Alternative Archaeology” in			183 Symposium: What to Do	
Wilson B	161 Symposium: Archaeological Perspectives on the Anthropocene				
Washington Room 6	162 Symposium: Preclassic Lifeways in the Northern Maya Lowlands				
Madison A	163 Symposium: Piedras Negras Revisited: War, Economy, and Population in the				
Madison B	164 Symposium: New Findings from the Far Western Puebloan Region: Papers in				
Harding	165 Symposium: Andean Households, Living Spaces				
Jackson	166 Symposium: From Bearded Archaeologists and Closet Chickens to Multiple Pasts and the				
Washington Room 2	167 Symposium: Transforming Marginality: Exploring Moments of Rapid Social and Ecological Change				
Washington Room 3	168 Symposium: 21st Century Approaches to Archaeology, Education, and the Public				
Delaware B	169 Symposium: The State of the Field: Current Research in Tarascan (Purépecha) Archaeology: Session				
Washington Room 5	170 Symposium: The Archaeology of Money, Debt, and Finance				
Washington Room 1	171 Symposium: Things with a Mind of Their Own: The Archaeology of Non-Human Agency				
Th. Marshall Ballroom East	172 Symposium: At-Risk World Heritage and the Digital Humanities				
Lincoln 2	173 Symposium: The Ties that Bind and the Walls that Divide: Prehistoric to Contemporary Maya Manipulation of				
Lincoln 3	174 Symposium: The Human Odyssey in Earth’s High Mountains and Plateaus				
Lincoln 4	175 Symposium: Urbanism, Production, and Empire: New Case Studies from Angkorian Cambodia				
Lincoln 5	176 Symposium: Maya Highland and Pacific Coastal Archaeology: Continuing Debates on Interaction				
Marriott Salon 2	177 Symposium: What’s Hot in Pyrotechnology? Controlling Fire from Campfires to Craftspeople				
Th. Marshall Ballroom South	178 Symposium: No Longer a Transitional Zone: Local Developments, Interaction, and Exchange in the Ceja de Selva				
Washington Room 4	179 Symposium: Archaeology, History and Osteology of a 19th Century Medical Waste Deposit at Point San Jose, San				
Lincoln 6	180 Symposium: Methodology and Interpretation in the Archaeology of Rock Art				
Marriott Salon 3	181 Symposium: Mattering Imperial Politics: Human-Thing Partnerships in Local Productions of Power				
Marriott Salon 1	182 Symposium: 2018 Fryxell Award Symposium: Papers in Honor of Vance T. Holliday				

### Sessions at a Glance: Friday Afternoon, April 13

Friday April 13	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM
Johnson	191 Forum: The State of Inclusion: Diversity in Non-Academic				
Harding	192 Forum: Settlement, Resource Distribution, and Subsistence in				
Truman	193 Forum: New Perspectives on Heritage Protection				
Taylor	194 Forum: Archaeology, Outreach, Advocacy, and the Media				
Jackson	195 Symposium: Ecological Justice and the Longue Durée:				
Washington Room 5	196 Symposium: Re-Centering the Periphery: Contextualizing the				
Lincoln 2	197 Symposium: Private Rituals and Public Spaces: The Archaeology				
Lincoln 3	198 Symposium: The Rise and Fall of the African Humid Period:				
Lincoln 4	199 Symposium: Making More with Less: Reflections and New				
Delaware A	200 Symposium: Paleolithic Surface Sites: New Surveys, Methods, and Data				
Delaware B	201 Symposium: Beyond Engagement: Archaeologists at the Intersections of Power				
Washington Room 6	202 Symposium: We Dig National Parks: The Past, Present, and Future of Archeology				
Wilson A	203 Symposium: The Connecticut State Archaeological Preserve Program:				
Wilson B	204 Symposium: Bones and Burials in Philadelphia: Unmarked Cemeteries & the				
Hoover	205 Symposium: Blurring TimeScapes: Subversions to Erasure and Remembering Ghosts				
Wilson C	206 Symposium: Connecting Collections: Collectors of Pre-Columbian and Indigenous				
Jefferson	207 Symposium: Ayllu There? Herders, Farmers and the Formation of Community in the			228 Symposium:	
Madison B	208 Symposium: The Archaeology of "Proletarian Drug Foods" in the Caribbean				
Tyler	209 Symposium: Looking to the East: Classic Maya Legacies in Ancient Mesoamerica				
Washington Room 2	210 Symposium: Spatial Approaches in African Archaeology: Current Theories, New Methods				
Madison A	211 Symposium: The Empire Strikes Back: New Data on Wari in Middle Horizon Peru				
Th. Marshall Ballroom South	212 Symposium: Innovative Approaches to Human-Canine Interactions				
Th. Marshall Ballroom East	213 Symposium: The Intersection of Sustainability and Climate Change in Tropical Social Systems				
Washington Room 3	214 Symposium: Advances in Rock-Art Analysis: From Portable Instrumentation to New Interpretations				
Lincoln 5	215 Symposium: Celebrating Lynne Goldstein's Contributions to Archaeology of the Past, Present, and Future				
Washington Room 1	216 Symposium: Gender and Power on the North Coast of Peru				
Lincoln 6	217 Symposium: In the Service of a Greater Good: Broader Applications of Zooarchaeology in the Era of Interdisciplinary				
Washington Room 4	218 Symposium: Learning from Homol'ovi: Papers in Honor of E. Charles Adams and Richard C. Lange				
Marriott Salon 1	219 Symposium: Mobility as Human-Environment Interaction				
Marriott Salon 3	220 Symposium: Pondering Gendered Landscapes				
Exhibit Hall B South	221-226 Poster Sessions				
Taft	227 Symposium: Social Learning in the Paleolithic: Experimental Approaches				
Marriott Salon 2					Annual Business

### Sessions at a Glance: Saturday Morning, April 14

Saturday April 14	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00
Madison B	229 Symposium: The Atlantic Iron Age and the Cividade de		264 Electronic Symposium: From Ch'een to Wak'a:		
Taft	230 Symposium: Archaeologies of Infrastructure: Material				
Delaware B	231 Electronic Symposium: Futures and Challenges in				
Jackson	232 Forum: Military Archaeology Resources Subgroup Forum:				
Jefferson	233 Forum: Enough Talking Already: Time to Define Public				
Washington Room 5	234 Forum: The Nuts and Bolts of Agent-Based Modelling for				
Park Tower Suite 8222	235 Forum: Least Cost Path to Reduce the Gender Gap: Female				
Park Tower Suite 8212	236 Forum: Heritage Still Matters: Archaeology and Community				
Park Tower Suite 8206	237 Forum: The Intangible Dimensions of Food in the Caribbean				
Exhibit Hall B South	238-242 Poster Sessions		265-270 Poster Sessions		
Park Tower Suite 8216	243 Symposium: Belize CAMP 2017: Excavations, Analysis, and				
Delaware A	244 Symposium: Investigations into Submerged Prehistory:				
Lincoln 2	245 Symposium: On the Shoulders of Giants: Long-Term				
Lincoln 3	246 Lightning Rounds: Geochemistry and Identity				
Johnson	247 Symposium: The Climate Realities of Cultural Heritage and				
Washington Room 6	248 Symposium: Looking Down on Mesoamerica: Applying				
Hoover	249 Symposium: Variability that Lives: Ecological, Political and Social Adaptations to				
Washington Room 1	250 Symposium: Novel Analytical Approaches to Archaeology in the Far North				
Wilson A	251 Symposium: Archaeology in and around the Nation's Capital				
Wilson B	252 Symposium: Monumentality and the Preclassic Maya				
Harding	253 Symposium: The Cultural Affiliation of the Ancient One (Kennewick Man)				
Wilson C	254 Symposium: Plants got a lot to say if you take the time to listen: Gardens in the American				
Washington Room 2	255 Symposium: Breaking Down Material Assumptions of Identity				
Lincoln 6	256 Symposium: Researching the Ancient Maya of Pacbitun, Belize: A Decade of Archaeological Discovery				
Lincoln 4	257 Symposium: Complicating Histories: Archaeological Challenges to Narratives of Cohesion in the Inka				
Lincoln 5	258 Symposium: Theory, Method, Data, and the Anthropological Archaeology of Mesoamerica: Papers in Honor of Joseph W.				
Washington Room 3	259 Symposium: Deep Ecologies of Northern New Mexico				
Washington Room 4	260 Symposium: Advances in the Prehistory of Southern Costa Rica and Western Panama: New Perspectives on the Archaeology				
Marriott Salon 3	261 Symposium: Tough Issues in Land Management Archaeology				
Marriott Salon 1	262 Symposium: Developing Macro-Regional Perspectives on Formative Central Mexico: Inside and Outside Views of Social				
Marriott Salon 2	263 Symposium: Exploring Mobility and Multicultural Lifeways in Pre-Columbian Central America				

Sessions at a Glance: Saturday Afternoon, April 14				
Saturday April 14	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Johnson	271 Symposium: Formations of		307 Symposium: Case Studies	
Jackson	272 Symposium: Archaeology and Indigenous Scholarship in		308 Symposium: The Archaeology of Comparative Slavery	
Jefferson	273 Symposium: Hegemonic Processes and Strategies of		310 Symposium: Rich Land, Poor Land: Using	
Madison B	274 Symposium: Silk Purses from Sows' Ears: A Session in			
Lincoln 6	275 Electronic Symposium: Spanish Colonialism in the Global			
Park Tower Suite 8206	276 Forum: Keeping Our Secrets: Sharing and Protecting		309 Symposium: Archaeology and the	
Wilson C	277 Forum: SANNA: Social Archaeology of the North and North			
Park Tower Suite 8222	278 Forum: Commemoration, Memorials, and Preservation:			
Taft	279 Forum: SKOPE: How We Are Making Paleoenvironmental Data			
Washington Room 5	280 Forum: In the Eyes of the Law: Contextualizing Archaeological			
Harding	281 Forum: Exploring the Path Forward: The Boy Scout			
Park Tower Suite 8216	282 Symposium: Us and Them: The Bioarchaeology of Belonging			
Delaware B	283 Symposium: The Human Journey: Understanding Human			
Park Tower Suite 8212	284 Symposium: Early Neolithic in the Lower Yangtze: The Shangshan			
Washington Room 6	285 Symposium: Mesoamerican Chipped Stone: A Regional Perspective from the			
Wilson A	286 Symposium: Is Digital Always Better?			
Wilson B	287 Symposium: Pottery in Practice: the Production and Use of Ceramics in the			
Delaware A	288 Symposium: From Early Formative to Postclassic in the Mixteca of Oaxaca: The			
Hoover	289 Symposium: Now that I have my degree, what do I do? Going from the			
Lincoln 2	290 Symposium: Mentoring the Miscellaneous: Papers in Paleoethnobotany			
Lincoln 4	291 Symposium: Extending the Legacy of the Late Stephen Williams			
Lincoln 3	292 Symposium: Integrating Climate Change into Archaeological Curricula			
Washington Room 1	293 Symposium: Project Plaza of the Columns Complex: New Investigation of a Civic-Administrative			
Washington Room 2	294 Symposium: "Wicked Awesome" Archaeology: New Data and Directions in the Archaeological Northeast			
Washington Room 3	295 Symposium: Human Action and Deep Time: A Return to Time and Scale in Archaeology			
Lincoln 5	296 Symposium: "Irishness" Worldwide: Confronting the Visibility of Material Identity in the Past and Present			
Marriott Salon 3	297 Symposium: Ritual Ecologies of Food Production in the Ancient World			
Washington Room 4	298 Symposium: Archaeological Science Meets the Classics: Emerging Knowledge in the Ancient Eastern Mediterranean World			
Marriott Salon 2	299 Symposium: Current Archaeological Research in Eastern, Central, and Southern Honduras			
Marriott Salon 1	300 Symposium: Preliminary Results: 2017 Field Season, Programa Arqueologico Prehistoria Urbana de Huari			
Exhibit Hall B South		301-306 Poster Sessions		

### Sessions at a Glance: Sunday Morning, April 15

Sunday April 15	8:00 AM	9:00 AM	10:00 AM	11:00 AM
Park Tower Suite 8206	313 Electronic Symposium: From the Ground Up: Updates and			
Lincoln 2	315 Forum: Advances and Prospects in the Archaeological			
McKinley	316 Forum: Making Archaeology FAIR		338 Symposium: Striving Toward Equity and Security in	
Park Tower Suite 8219	317 Forum: Gender through the Generations			
Park Tower Suite 8222	318 Forum: Archaeology, Sustainability and Energy			
Park Tower Suite 8212	319 Forum: 2018 European Year for Cultural Heritage: An			
Park Tower Suite 8216	320 Forum: Cityscapes and Landscapes: Benefits & Challenges of			
Lincoln 4	321 Forum: Virtual and Digital Ethics			
Washington Room 1	322 Lightning Rounds: It's Harder Than It Looks: The Realities and			
Washington Room 6	323 Symposium: Disentangling Human-Plant Interrelationships in			
Delaware A	324 Symposium: The Equatorial Andes: Recent Research and New			
Wilson B	325 General Session: Southwestern North America			
Hoover	326 Symposium: The Veterans Curation Program: An Innovative Approach to			
Wilson A	327 Symposium: From Program to Practice: Pragmatic Philosophy and Archaeology			
Washington Room 5	328 Symposium: Native American Sites Archaeology in the Middle Atlantic: Current Topics			
Coolidge	329 Symposium: Challenges and Advances in the Archaeology and Paleanthropology of Non-			
Harding	330 Symposium: The Proyecto Costa Escondida: Recent Interdisciplinary Research along the			
Wilson C	331 General Session: Education, CRM and Public Archaeology			
Lincoln 3	332 Symposium: CRM Archaeology on Federal Lands: New Contributions and Unique Management			
Washington Room 2	333 Symposium: The Legacies of Archaeologists in the Andes			
Lincoln 6	334 Symposium: Government, Universities, and Heritage Stewardship: A Student and Young Professional Symposium			
Washington Room 4	335 Symposium: Regional Interaction during the Andean Middle Horizon: Ongoing Research in the Peruvian South Coast and			
Washington Room 3	336 Symposium: Hills, Valleys, and Plateaus: Exploring Human Landscape of Mountainous Regions in East and Central Asia			
Lincoln 5	337 Symposium: La Corona Archaeological Project: Ten Years of Research in Northwestern Peten, Guatemala			
Madison B		337a Symposium: Repatriation Under the NMAI		
Jefferson		337b Symposium: African Diaspora Archaeology		
Jackson		337c Forum: NAGPRA Matters: Reflections from Emerging		

Thursday Morning, April 12**Wednesday Evening ■ April 11, 2018****[1] OPENING SESSION****FORUM ■ PRESIDENT'S FORUM: WHAT WE HAVE LEARNED****Room:** Marriott Salon 2**Time:** 6:30 PM–8:30 PM**Moderator:** Tim A. Kohler**Participants:**

Susan Chandler—Discussant  
 Sonya Atalay—Discussant  
 Junko Habu—Discussant  
 Tim A. Kohler—Discussant  
 Susan Alcock—Discussant  
 Thomas H. McGovern—Discussant  
 Lynne Goldstein—Discussant  
 Ian Hodder—Discussant  
 Jeremy Sabloff—Discussant  
 Sander Van Der Leeuw—Discussant

**Thursday Morning ■ April 12, 2018****[2] GENERAL SESSION ■ PRECONTACT ARCHAEOLOGY IN SOUTH AMERICA****Room:** Park Tower Suite 8222**Time:** 8:00 AM–9:45 AM**Chair:** Astolfo Araujo**Participants:**

- 8:00 Mercedes Okumura and Rafael Suárez—The First Record of Tigre and Pay Paso Paleoamerican Points in Southern Brazil: Implications for the Early Holocene Settlement of South America
- 8:15 Astolfo Araujo—A Major Hiatus in the Mid-Holocene Archaeological Record of Eastern South America: Reassessing the "Archaic Gap"
- 8:30 Leticia Correa and Astolfo Araujo—Paleoindian Site in Central São Paulo State, Brazil: Bastos Site, Dourado County
- 8:45 Gustavo Politis, Cristian Favier Dubois and Pablo Messineo—The Geoarchaeology of Megamammal Survival in the Argentine Pampas
- 9:00 Caroline Bachelet, Veronica Wesolowski and Levy Figuti—Holocenic Occupations on Central Brazil: The Archaeological Complex Morro Solteiro
- 9:15 Sophia Haller Von Hallerstein, Dorothee Drucker and Kurt Rademaker—Multi-isotopic Paleo-diet Reconstruction in a High Altitude Rockshelter of Southern Peru
- 9:30 Rosicler Silva, Julio Cezar Rubin de Rubin, Maira Barbari and Sibeli Viana—New Perspectives in the Geoarchaeological Context of Hunter-Gatherer Sites from the Beginning of the Holocene, Serranópolis, Brazil

**[3] GENERAL SESSION ■ CENTRAL ASIAN ARCHAEOLOGY****Room:** Taylor**Time:** 8:00 AM–9:45 AM**Chair:** Amita Gupta**Participants:**

- 8:00 Amita Gupta and Vinod Nautiyal—Trans-Himalayan Material Culture of India: Special Reference to Steatite Bead

Thursday Morning, April 12

- 8:15 Mitch Allen and William B. Trousdale—The Iron Age Culture of Sistan, Afghanistan
- 8:30 Victoria Sluka—Knotting Accuracy & Dimension Variation in Modern Turkmen Carpets
- 8:45 Kyle Olson—Legacy Data and Ceramic Chronologies: The Case of the Gorgan Plain, Northeastern Iran
- 9:00 Deborah Parrish, Jean-Luc Houle, Jamsranjav Bayarsaikhan and Matthew Fuka—Paleodietary Analysis of Xiongnu Individuals in Zuunkhangai, Mongolia
- 9:15 Yuqi Li—3D Hydraulic Modeling of the Ancient Irrigation System at the MGK Site in Xinjiang, China
- 9:30 Narges Bayani—Borderland Processes and the Question of BMAC in NE Iran

**[4] GENERAL SESSION ■ SOUTHWEST ASIA: MESOLITHIC, CHALCOLITHIC AND NEOLITHIC****Room:** Wilson A**Time:** 8:00 AM–9:45 AM**Chair:** Danielle Macdonald**Participants:**

- 8:00 Claudio Cioffi-Revilla and Niloofar Bagheri-Jebelli—A Computational Approach to Initial Social Complexity: Göbekli Tepe and Neolithic Polities in Urfa Region, Upper Mesopotamia, Tenth Millennium BC
- 8:15 Ian Kuijt—Material Geographies of Multi-family Neolithic Households
- 8:30 Antonietta Catanzariti—Ban Qala, a Late Chalcolithic Site in the Mountain Region of Kurdistan, Iraq: A Report from the 2017 Excavation Season
- 8:45 Yorke Rowan and Austin Chad Hill—Droning On: UAV Survey in the Black Desert of Jordan
- 9:00 Emma Jenkins, Samantha Allcock, Sarah Elliott, Carol Palmer and John Grattan—Phytoliths, Geochemistry and Ethnography: A Multi-method Approach for Interpreting the Neolithic Sites of WF16 and 'Ain Ghazal
- 9:15 Danielle Macdonald and Lisa Maher—Every Block of Stone Has a Statue Inside: Epipalaeolithic Engraved Plaquettes and Art at Kharaneh IV
- 9:30 Alan Farahani—Change and Continuity in Agricultural Production in Iraqi Kurdistan, ca. 4000 BCE–1000 CE

**[5] GENERAL SESSION ■ SURVEYS AND SETTLEMENT PATTERNS IN NORTH AMERICA****Room:** Jefferson**Time:** 8:00 AM–9:45 AM**Chair:** Brandon Ritchison**Participants:**

- 8:00 Megan Stroh Messerole and Mark Anderson—Only Soil Deep: Geophysical Contributions to an Excavation at an Oneota Village in Northwest Iowa
- 8:15 Glenn Kolyer—The Bryant Site: Five Prehistoric Loci in the Esopus Creek Drainage
- 8:30 Elic Weitzel, Brian Coddling, Stephen Carmody and David Zeanah—Site Clustering Parallels Initial Domestication in Eastern North America
- 8:45 Adam Wiewel and Rebecca Wiewel—Remote Sensing Investigations of the Arzberger Site (39HU6)
- 9:00 Edward Herrmann, Mackenzie Cory, Katie Hunt, John Flood and Josh Myers—Chronologies of Paleoindian Site Distributions and Raw Material Use in Indiana: An Analysis of State-Level Data
- 9:15 Stefan Brannan—Settlement Scaling in the Eastern Woodlands of the United States, ca. 3500 BC to AD 1700: Size, Monumentality, and Public Space

Thursday Morning, April 12

- 9:30 Brandon Ritchison—Immigration and Transformation: Local Community Response to the Abandonment of a Neighboring Region

**[6] POSTER SESSION ■ LITHIC ANALYSIS IN SOUTH AND CENTRAL AMERICA****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 6-a Andrew Schroll, Jason Nesbitt, Rachel Johnson and Sadie Weber—Analysis of the Lithic Assemblage from Canchas Uckro (1100–800 BC), Eastern Ancash, Peru
- 6-b Zachary Stanyard—Initial Experimental Analysis of Soft Hammer Techniques in the Maya Lowlands
- 6-c David Reid and William Ridge—Obsidian Procurement and Exchange in Peru: A Social Network Analysis (SNA)
- 6-d Waka Kuboyama—Crafting Process and Usage of “Axe-God” Jade Pendants in Pre-Columbian Costa Rica
- 6-e Kristin Benson, Teresa Franco and Tom Dillehay—Comparative Micro-Usewear and Residue Analyses on Late Pleistocene Unifacial Tools from Huaca Prieta, Peru, and Monte Verde, Chile

**[7] POSTER SESSION ■ ZOOARCHAEOLOGY: MESOAMERICA & SOUTH AMERICA****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 7-a Mary Claudia Avila Peltroche—Camelids Consumption and Utilization at the Archaeological Site of Huayuri, South Coast of Peru
- 7-b Fabiana María Martín, Francisco Juan Prevosti and Luis Alberto Borrero—Cueva Nordenskjöld, Última Esperanza, Chile: A Late Pleistocene Faunal Assemblage
- 7-c Samantha Michell, Jennifer Marla Toyne, Alfredo Narvaez and Victor Vasquez—Ancient Human-Animal Interactions in Chachapoyas Region: Isotopic Analysis of Zooarchaeological Remains from Kuelap, Peru
- 7-d Juan Castro, Mariano Bonomo, Lucio González Venanzi, Francisco Juan Prevosti and Silvia Cornero—New Records of Pre-Hispanic Dogs (*Canis familiaris*) in Argentinean Northeast
- 7-e Gavin Wisner, Katie K. Tappan, Aimee I. Alvarado and Chrissina C. Burke—The Zooarchaeology of Problematic Deposits: Ancient Maya Use of Fauna in Ritual Contexts at Group B, Xunantunich
- 7-f Amy Klemmer—Zooarchaeological Analysis of Fishing Strategies at Rio Chico, Ecuador (OMJPLP-170)
- 7-g Lori Phillips, Erin Thornton and Eleanor Harrison-Buck—Understanding Animal Use at the Wetland Maya Site of Chulub
- 7-h Dominic Bush—Animal Use in the Last Maya Kingdom

**[8] POSTER SESSION ■ CAVES & ROCKSHELTERS****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 8-a Joshua Lockett-Harris—Caves, Ancestors, and the Underworld: Bedrock Manipulation as a Strategy in the Development of Middle Formative Period Maya Socio-political Complexity, Based on Evidence from Ka’Kabish, Northern Belize

Thursday Morning, April 12

- 8-b Sarah Krantz—Interpreting Palimpsest Rock Art in the North American Southwest
- 8-c Joshua Keene, Tyler Laughlin and Michael Waters—Archaeological Investigations of the Archaic and Paleoindian Occupations at Hall's Cave, Texas
- 8-d Stephen L. Black and Charles Koenig—Sand, Chute, Carts, and Waddles: Eagle Cave and Bonfire Shelter Restoration Project
- 8-e Kyle Riordan, Julie Field and John Dudgeon—Scanning Electron Microscopy and Geoarchaeology of Naihehe Cave, Fiji
- 8-f Richard Nicolas—Using Sacred Landscape Model of Indigenous Cave Use in the Philippines

**[9] POSTER SESSION ■ ARCHAOMETRY I****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 9-a Sophia Maline, Melanie Miller, Jillian Swift and Christine A. Hastorf—Reconstructing Recipes: Stable Isotope Analysis of Food Residues from a Year-Long Cooking Experiment
- 9-b Sanna Lipkin, Titta Kallio-Seppä, Annemari Tranberg, Erika Ruhl and Sirpa Niinimäki—Benefits of CT-Scanning in Study of Post-Medieval Funerary Items
- 9-c Daniel Pierce, Patti Wright and Rachel S. Popelka-Filcoff—Seeing Red: An Analysis of Archaeological Ochre in East Central Missouri
- 9-d Eleanora Reber—From General to Specific: Targeting Freshwater Resources in Pottery Residues Using Compound-Specific Isotope Analysis
- 9-e Neill Wallis, John Krigbaum, George Kamenov and Michael D. Glascock—Pots and People in Motion in Woodland Period Florida
- 9-f Rachael Wedemeyer, Arthur Joyce, Jeffrey Brzezinski and Sarah Barber—Fragments of Identity: A Comparative Study of Terminal Formative Figurines from Coastal Oaxaca, MX
- 9-g Laura Salgán, Gustavo Neme, Sergio Dieguez, Paz Pompei and Adolfo Gil—Geoarchaeology, Geochemical and Spatial Distributions of the Obsidian Source in Southern Mendoza (Argentina): The Case of Coche Quemado Source

**[10] POSTER SESSION ■ ZOOARCHAEOLOGY: THE WEST COAST****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 10-a Thomas Banghart—From Shore to Mountain: Insights into Resource Selection and Processing along the Central California Coast
- 10-b Hope Loiselle—The Historical Ecology of Dolphins and Porpoises off the Oregon and Pacific Northwest Coasts: Contributions from Zooarchaeology
- 10-c Kristine Bovy, Virginia L. Butler, Sarah K. Campbell and Michael A. Etnier—Analysis of Sorting Errors of Animal Remains from Shell Middens: Lessons Learned from the Cíxwicen Project
- 10-d Hannah Wellman—Avifaunal Remains from the Palmrose Site (35CT47): Establishing Seasonality and Investigating Endangered Species
- 10-e Kathryn Mohlenhoff—El Niño and Trans-Holocene Trends in Eastern Pacific Fishes: Preliminary Data from Abrigo de los Escorpiones, Baja California
- 10-f Joseph Bryce and Spencer Lambert—Fremont Fishing: New Data from Recent Excavations in Utah Valley

Thursday Morning, April 12**[11] POSTER SESSION ■ ARCHAEOLOGICAL APPROACHES IN GIS: CENTRAL AMERICA****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 11-a Rachel Egan—Modeling Hazard Risk, Vulnerability, Recovery, and Adaptation in Tilarán-Arenal, Costa Rica: An Integrative Approach to Disaster Studies
- 11-b Haylie Ferguson—A GIS Approach to Settlement Patterns and Predictive Modeling in Chihuahua, Mexico
- 11-c Melissa Burham—Minor Temple Groups, Water Management and Community Formation at Ceibal, Guatemala
- 11-d Eric Fries—Testing a Multi-Modal Remote Sensing Approach for Detecting Ancient Maya Sites With Low-Resolution Data
- 11-e Stephen Whittington—Mapping and Spatial Analysis of an Ancient Mixtec Capital in Oaxaca

**[12] POSTER SESSION ■ ARCHAEOLOGICAL APPROACHES IN GIS: OLD WORLD****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 12-a Jennifer Ramsay and Noah Haber—Examining the Concept of Hinterland in Antiquity in Arid Regions of the Levant Using Archaeobotanical Data and GIS Analysis
- 12-b Stephanie Martin—Least Cost Path Analysis of Maritime Routes in the Ancient Aegean
- 12-c Mesfer Alqahtani—GIS Investigations on Stone-Circle Structures in the North of Saudi Arabia

**[13] POSTER SESSION ■ THE PACIFIC ISLANDS****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 13-a Sara Lynn Cramb, Justin Cramb, Haumata Tepania and Justine Tuatai William—The Ngake 001 Site: Surface Mapping and Subsurface Investigations
- 13-b John Blank, Matt Chmura and Sarah Gilleland—Style vs. Function in Polynesian Fish Hook Shank Variation
- 13-c Kevin P. Gilmore, Elizabeth Leclerc, Peter Hille, Hiro Kurashina and James Carucci—Illuminating the Obscure: Using Legacy LiDAR Data to Define and Interpret a WWII Airfield on the Island of Tinian, Commonwealth of the Northern Mariana Islands (CNMI)
- 13-d Haden Kingrey, Matthew Napolitano, Geoffrey Clark and Scott Fitzpatrick—Exploring Manufacturing Variability in Calcareous Sand Tempered Pottery on Yap, Western Caroline Islands
- 13-e Paul Gerard, Matthew Napolitano, Geoffrey Clark and Scott Fitzpatrick—Tracking Changes in Nearshore Ecology over 2000 Years in Southern Yap, Western Caroline Islands
- 13-f Matthew Napolitano, Robert J. DiNapoli, Geoffrey Clark, Ester Mietes and Lauren Pratt—Modeling the Early Settlement of Yap, Western Caroline Islands

Thursday Morning, April 12**[14] POSTER SESSION ■ ARCHAEOLOGY OF COLONIALISM****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 14-a Stephanie Halmhofer—The Blown Glass Beads of Garden Bay, British Columbia
- 14-b Peter Van Dommelen and Alfonso Stiglitz—The S'Urachi Project: Cultural Encounters and Everyday Life around a Nuraghe in Phoenician and Punic Sardinia
- 14-c Patrick McGinley—Geophysical Applications at the Site of Fort Halifax, PA (36DA0008)
- 14-d Julie Wesp, Chelsi Sloten and Felipe Gaitan Ammann—Colonial Funerary Rituals at the Templo San Ignacio in Bogotá, Colombia
- 14-e Raquel Fleskes, Frankie West, Graciela Cabana and Theodore Schurr—Ancient DNA Perspectives on Kinship and Racialized Labor at a 17th Century Delaware Frontier Site
- 14-f Sterling Wright, Cara Monroe, Mary Furlong, James Reeves and Courtney Hoffman—Collaborating with Descendant Communities to Explore the Biological Heritage of Enslaved People at James Madison's Montpelier through Ancient DNA Analysis

**[15] POSTER SESSION ■ MUSEUMS & COLLECTIONS****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 15-a Christopher Crews, C. L. Kieffer and Magdalena Wanschik—Accuracy of Museum Volunteer Measurements: A Study of Projectile Point Measurements at the Museum of Indian Arts & Culture, New Mexico
- 15-b Stacy Drake, Marla MacKinnon and America Guerra—Exploring Collaborative Curation of North American Human Remains
- 15-c Malu Fleischer and Michael Nielsen—Ersersaaneq Project: Creating Knowledge Through Images
- 15-d Paul Reed and Carolyn Heitman—Making the Most of Salmon Pueblo's Enormous Dataset: The SPARC Project
- 15-e Esther Rimer—Sampling Archaeology at the National Museum of Natural History

**[16] GENERAL SESSION ■ ARCTIC NORTH AMERICA****Room:** Jackson**Time:** 8:00 AM–10:00 AM**Chair:** Aron Crowell**Participants:**

- 8:00 Remi Mereuze and T. Max Friesen—Building a Database to Understand the Architecture of Arctic Wooden House Remains
- 8:15 Aron Crowell—Comparing Archaeology and Oral Tradition at the Tlákwaan (Old Town) Site, Yakutat Bay, Alaska
- 8:30 Lesley Howse, James Savelle and Arthur Dyke—Beach Level Chronology and Paleodemography at Alarniq, Northern Foxe Basin, Arctic Canada
- 8:45 Ariel Taivalkoski—Technological Choice and Human-Animal Relationships: A Bird's Eye View
- 9:00 Alison Harris, Deirdre Elliott, Tatiana Feuerborn, Gunilla Eriksson and Vaughan Grimes—Inuit Sled Dogs in the Contact Landscape: An Isotopic Investigation of Dog Provisioning in 16th–19th Century Labrador, Canada

Thursday Morning, April 12

- 9:15 Brenna Frasier, James Woollett, Céline Dupont-Hébert, Michael Buckley and Vicki Szabo—Genetic and ZooMS Identification of Marine Mammal Bone from Norse Sites in Iceland and Greenland: Insights into Historic Ecology and Norse Economies
- 9:30 Samantha Walker, Kathryn Kotar, James Savelle and Arthur Dyke—Regional Analysis in Perspective: An Epistemological Assessment for Paleo-Inuit Archaeology
- 9:45 Kyle Forsythe, Pierre Desrosiers, James Savelle and Arthur Dyke—Comparing Lithic Procurement and Use Within the Foxe Basin, Nunavut

**[17] GENERAL SESSION ■ ANDEAN ARCHAEOLOGY: FORMATIVE AND MIDDLE HORIZONS****Room:** Wilson B**Time:** 8:00 AM–9:45 AM**Chair:** Mary Glowacki**Participants:**

- 8:00 Thomas Pozorski, Shelia Pozorski and Rosa Marin Jave—Initial Period Friezes and Architecture at Taukachi-Konkan, Casma Valley, Peru
- 8:15 Mary Glowacki—Wari's Hallowed Ground: Interpreting the Mortuary Complex of Cotocotuyoc, Cuzco, Peru
- 8:30 Jessica Kaplan—Political Economies of the Wari Empire: Resource Use in the Middle Horizon, Peru
- 8:45 Rebekah Montgomery—Ephemeral Objects: An Alternative Perspective on the Maquetas of San Jose de Moro
- 9:00 Aleksandra Laszczka—Pre-Columbian textiles from Castillo de Huarmey: Fabric Structures and Iconographic Motifs as Indicators of Cultural Influences
- 9:15 Katharine Davis—Libations and Meat: A View of the Construction of Social Capital in Tiwanaku Residential Spaces through Ceramics and Faunal Material
- 9:30 Jeanette Nicewinter—Abbreviated Imagery on Cajamarca Cursive Ceramics

**[18] GENERAL SESSION ■ SURVEY, REMOTE SENSING AND SITE FORMATION IN MAYA ARCHAEOLOGY****Room:** Johnson**Time:** 8:00 AM–10:15 AM**Chair:** Richard Paine**Participants:**

- 8:00 Akira Ichikawa—Intraregional Interaction in the Zapotitan Valley, El Salvador: The San Andres Regional Center and Joya de Ceren Village
- 8:15 Jason Paling, Marx Navarro Castillo and Justin Lowry—Underwater Archaeological Survey of Freshwater Lagoons in the Lacanja Basin, Chiapas, Mexico
- 8:30 Kenichiro Tsukamoto, Fuyuki Tokanai and Toru Moriya—Building a High-Resolution Chronology: A Case from the Maya Archaeological Site of El Palmar, Mexico
- 8:45 William Ringle, Tomás Gallareta Negrón, Ken Seligson and David Vlcek—Hidden in the Hills No Longer: LiDAR Coverage in the Puuc Region of Yucatan, Mexico
- 9:00 Marisol Cortes-Rincon, Jonathan Roldan, Cady Rutherford, Byron Smith and Walter Tovar Saldana—Utilization and Field Testing of LiDAR in the Maya Hinterlands
- 9:15 Stanislava Romih and Rafael Guerra—Unleashing the Beast: New Methodologies in Exploring Peri-abandonment Deposits in the Maya Lowlands

Thursday Morning, April 12

- 9:30 Santiago Juarez—The Creation of Late Preclassic Urban Landscapes at the site of Noh K'uh in Chiapas, Mexico
- 9:45 Erin Thornton, Richard Hansen and Edgar Suyuc-Ley—Ancient Maya Diet, Environment, Animal Use and Exchange at El Mirador: The Zooarchaeological Evidence
- 10:00 Richard Paine, Richard Hansen, Carlos Morales-Aguilar and Kevin Johnston—Issues Reconstructing the Ancient Population of El Mirador, Guatemala

**[19] GENERAL SESSION ■ MESOAMERICA: ARCHAEOLOGY OF THE GULF AND PACIFIC COASTS**

**Room:** Delaware A

**Time:** 8:00 AM–10:15 AM

**Chair:** María Andrea Celis Ng Teajan

**Participants:**

- 8:00 Mikael Fauvelle—A Tale of Two Peripheries: Recent Excavations at Fracción Mijular, Chiapas, Mexico
- 8:15 Virginia Arieta Baizabal—Estudio arqueológico preliminar de un posible sitio olmeca: Antonio Plaza, Veracruz
- 8:30 Billie Follensbee—Is That Awl? Olmec Jade Artifacts as Elite Tools, Ornaments, and Inalienable Goods
- 8:45 Bradley Ensor—The Western Chontalpa: What's in the Archaeological "Black Hole" of the Mesoamerican Gulf Coast?
- 9:00 Hirokazu Kotegawa—¿Cuáles son los monumentos olmecas del sitio Estero Rabón?
- 9:15 Marlen Hinojosa, Claudia Garcia-Des Lauriers and Matthew Des Lauriers—Los Horcones, Offering 1: The Archaeology of Music and Ritual on the Pacific Coast of Chiapas
- 9:30 Alfredo Saucedo—Maíz y olmecas: una truculenta trayectoria
- 9:45 Alberto Ortiz Brito—Rediscovering the San Martín Pajapan Volcano in the Gulf Coast of México: An Analysis of Its Archaeological Context
- 10:00 María Andrea Celis Ng Teajan—Arroyo Pesquero y su "otra" ofrenda

**[20] GENERAL SESSION ■ RESEARCH FROM OCEANIA AND THE AUSTRALIAN CONTINENT**

**Room:** Maryland C

**Time:** 8:00 AM–10:15 AM

**Chair:** Thegn Ladefoged

**Participants:**

- 8:00 Katherine Woo—Shifting Palaeoeconomies at the Rockshelter Site Madjedbebe, Australia
- 8:15 Justin Cramb—Manihiki & Rakahanga: Archaeological Research on a Dual-Atoll Cluster in East Polynesia
- 8:30 Reno Nims—Little Ice Age Impacts on Traditional Māori Fisheries: Preliminary Results from North Island, New Zealand
- 8:45 Thegn Ladefoged, Dion O'Neale, Alex Jorgensen, Christopher Stevenson and Mark McCoy—The Dynamics of Māori Socio-political Interaction: Social Network Analyses of Obsidian Circulation in Northland Aotearoa
- 9:00 Annette Oertle—Thermal Processes on Tropical Archaeological Shell: An Experimental Study
- 9:15 Summer Moore—Continuity and Change in Early Colonial-Era Hawai'i: An Examination of Foreign Artifacts from Nu'alolo Kai, Kaua'i Island
- 9:30 Nick Belluzzo—"The Other Half of the Sky": Competitive Anarchy in Contact-Era Palau

Thursday Morning, April 12

- 9:45 Anne Ford—Meet the Neighbours: Evidence for Interaction between the Austronesian Lapita Culture and Non-Austronesian Communities in Papua New Guinea
- 10:00 Rona Ikehara-Quebral, Michael Pietrusewsky and Michele Toomay Douglas—Cranial Vault Modification in the Mariana Islands

**[21] GENERAL SESSION ■ MIGRATION, TRADE AND MOBILITY IN NORTH AMERICAN PREHISTORY**

**Room:** Taft

**Time:** 8:00 AM–10:30 AM

**Chair:** Catherine (Katie) Cottreau-Robins

**Participants:**

- 8:00 Rachel Cajigas—The Early Agricultural Period at La Playa, Mexico, A Geoarchaeological Investigation
- 8:15 Stuart Fiedel—Chasing Red Herrings Down the Kelp Highway: Paleoindian Migration via the Pacific Coast is Unproven and Improbable
- 8:30 Thatcher Rogers—The Northern Periphery of the Casas Grandes World: An Assessment and Update of the Animas Phase
- 8:45 Edward Knell—The Late Paleoindian Cody Complex Component at Lamb Spring, Colorado
- 9:00 William Ankele—An Early Archaic Melting Pot in the Southern Rocky Mountains: Early Holocene Mobility and Settlement Patterns in the Gunnison Basin, Colorado
- 9:15 Delaney Cooley—Investigating the Emergence of Ute Culture on the Uncompahgre Plateau, Colorado
- 9:30 Catherine (Katie) Cottreau-Robins, Jacob Hanley, Paige Fleet, Christopher McFarlane and Brandon Boucher—Bay of Fundy Provenance for Pre-contact Copper Artifacts from the Maritime Peninsula, Northeastern North America
- 9:45 Douglas Bamforth and Kristen Carlson—Oneota Expansion and Ethnogenesis on the Eastern Great Plains
- 10:00 Christopher Schwartz and Andrew Somerville—Local Origins, Distant Connections: Exploring Prehispanic Macaw Exchange through Radiogenic Strontium Isotope Analysis at Paquimé, Chihuahua, Mexico
- 10:15 Lauren Bussiere and Nadya Prociuk—Northern Gulf Coast Trade in the Mesoamerican Postclassic: The Evidence from Brownsville

**[22] GENERAL SESSION ■ MATERIAL CULTURE ANALYSIS IN THE NORTHEAST**

**Room:** Hoover

**Time:** 8:00 AM–10:30 AM

**Chair:** Ingrid-Morgane Gauvin

**Participants:**

- 8:00 William Engelbrecht—Iroquoian Chunkey
- 8:15 Samantha Taylor—Looking Through Dirty Dishes: The Preliminary Results of a Ceramic Analysis at Pandenarium (36ME253)
- 8:30 Ingrid-Morgane Gauvin—Technological Know-How and Lithic Production in the Mid-Hudson Valley: Observations from the Terminal Archaic
- 8:45 John Creese—Iroquoian Longhouses and Sociotechnical Assemblages
- 9:00 Kathleen Bragdon—Re-evaluating Wampum: Wearing Wealth in Native Southern New England
- 9:15 Daniel Snyder, Kathryn Whalen and Douglas Perrelli—Using Debitage Analysis, MANA, and Landscape Utilization to Illuminate the Archaic-Early Woodland Transition in Western New York

Thursday Morning, April 12

- 9:30 Lucy Harrington—Measuring Mobility by Proxy: Use and Maintenance of Lithic Tools in Pennsylvania from Paleoindian to Middle Archaic Times
- 9:45 Jasmine Gollup, Robert Wall, Patrick Walters and Timothy Sara—Cobble Reduction and Tool Manufacturing along the Atlantic Coastal Plain: An Example from Prince George's County, Maryland
- 10:00 Amy Fox—Conceptualizing Lithic Technological Variation in the Late Archaic Period: A Case Study of the BROADSPEAR ASSEMBLAGE TYPE
- 10:15 Lauren Herckis—Archaeology as Anthropology: Chaîne Operatoire and the Analysis of Contemporary Technologies

**[23] GENERAL SESSION ■ HISTORIC ARCHAEOLOGY IN THE OLD WORLD****Room:** Maryland A**Time:** 8:00 AM–10:30 AM**Chair:** Rachel Brody**Participants:**

- 8:00 Scott Kirk and Michael J. Kolb—A Mosque and a Castle: The Discovery of the Salemi Mosque
- 8:15 Carina Bramst ang Plura and Petra Nordin—Archaeological Traces of Consumption of Colonial Goods in Eighteenth Century Gothenburg on the West Coast of Sweden
- 8:30 Janet Kay—Migration, Monuments, and Memory in Fifth-Century Britain
- 8:45 Susan-Alette Dublin—(Re)Building the Present, (Re)Claiming the Past: Architecture and Social Memory at the Medieval Monastery of Psalmody, Gard, France
- 9:00 Elise Alonzi—Traveling Monastic Paths: Mobility and Religion in Medieval Ireland
- 9:15 Alicia Sawyer—Beyond a Record of Environmental Change: The Influence of Variability in Peat Composition on the Archaeological Record in Viking Age Iceland
- 9:30 Manon G raud, Florian T reygeol and Florent Hautefeuille—An Integrated Approach to Ceramic Material: An Example of Interdisciplinary Research on Commingeoise, a French Late Medieval Ware (13th–16th c.)
- 9:45 Rachel Brody and Rebekah Mills—Castles in Communities: Recent Findings in the Field
- 10:00 Aurelien Tafani, Andrea Vianello, Robert H. Tykot and Emanuela Gualdi—Reconstructing Individual Life Histories in Early Medieval Italy through Serial Analysis and Compositional Analysis of Bones and Teeth
- 10:15 Aidan O'Sullivan—Experimental Archaeology and Investigating Houses in the Past

**[24] GENERAL SESSION ■ EAST ASIA: THE PROTOHISTORIC AND HISTORIC PERIODS****Room:** Maryland B**Time:** 8:00 AM–10:30 AM**Chair:** Wen Yin Cheng**Participants:**

- 8:00 WengCheong Lam—Early Globalization of the Han Empire in Its Southern Frontier and the Expansion of Iron Economic Network
- 8:15 Wen Yin Cheng and Chen Shen—Two Mould Types for All the Vessels: Correlating Casting Mould Forms to the Vessel Forms Produced during the Shang Dynasty
- 8:30 Alex Sweeney, Kara Bridgman Sweeney, Naoki Higa, Takumi Kishimoto and Naho Ishiki—Sustainability and Tradition in Anindo Village, Okinawa, Japan

Thursday Morning, April 12

- 8:45 Dewei Shen—Inscribing Behaviors on Oracle Turtle Plastrons: A New Method to Analyze Tributary Networks of Late Shang China (c. 1250 BCE–1046 BCE)
- 9:00 Xu Yingyuan, Zhao Xiaowei, Li Zongmin and Jin Zhengyao—Research on Materials and Manufacturing Process Used for the Imperial Inlaid Jade Lacquered Wooden Coffin from the Royal Mausoleum No.2 of the Vassal King of Jiangdu State of the Western Han Dynasty in China
- 9:15 Li Zhang—The Landscape of China's Participation in the Bronze Age Eurasian Network
- 9:30 Yongshan He and Chen Shen—What Can Artifacts Do: A Case Study of Miniaturized Architectural Models in Early China Tombs
- 9:45 Koji Mizoguchi and Junko Uchida—A New Approach to the Anyang Hsi-Pei-Kang Late Shang Royal Cemetery: A Social Archaeological Perspective
- 10:00 Tricia Owlett, Yu Itahashi, Minoru Yoneda, Leo Aoi Hosoya and Sun Zhouyong—Late Neolithic and Early Bronze Age Agro-Pastoral Diets at Shimao, Northern Shaanxi Province, China: Stable Carbon and Nitrogen Isotope Analysis of Human and Faunal Remains
- 10:15 Richard Ciolek-Torello, Jeffrey Altschul, B. Gunchinsuren, T. Amgalantugs and John Olsen—Baibalyk: An Early Fortified Town and Trading Center in a Nomadic Pastoral Landscape on the Mongolian Steppe

**[25] GENERAL SESSION ■ IDENTITY, GENDER AND ETHNICITY****Room:** Washington Room 6**Time:** 8:00 AM–10:30 AM**Chair:** Meghan Cartier**Participants:**

- 8:00 Veronica Perez Rodriguez and Corina Kellner—Infancy and Breastfeeding at Cerro Jazmín: Isotopic Data from a Late-Terminal Formative Population in the Mixteca Alta, Oaxaca
- 8:15 Paula Sabloff—The Political Agency of Pre-modern State Royal Women
- 8:30 Katherine Pompeani—Reevaluating Early Bronze Age Masculinities: Skeletal and Mortuary Analysis of Transgenderism at Ostojicevo, Serbia
- 8:45 Kiri Hagerman—Changing Representations of Gender in Ceramic Figurines during the Emergence of the Teotihuacan State
- 9:00 Erika Ruhl and Sanna Lipkin—Though we walk through the valley of the shadow of death: Co-burials and Identity in Pre-modern Northern Finland
- 9:15 Claudia Martínez Cadena—Arqueología de la infancia en la Frontera Norte Mesoamericana durante el Epiclásico. El caso de El Ocote, Aguascalientes
- 9:30 Daniel Hansen—Death and Identity at Monte Albán
- 9:45 Jonathan White—Disability and Accommodation in the Eastern Mediterranean: Case Studies from New Kingdom Egypt and Classical Greece
- 10:00 Soraya Alencar—Aging and Funerary Practices at Monte Alban, Mexico
- 10:15 Meghan Cartier—Naked Huastecs, Anxious Aztecs: Male Nudity and Gender Identity in Aztec and Huastec Sculpture

**[26] GENERAL SESSION ■ MIDWESTERN NORTH AMERICA: VILLAGE FARMERS****Room:** Wilson C**Time:** 8:00 AM–10:45 AM**Chair:** David Pollack**Participants:**

- 8:00 Mark Schurr and Madeleine McLeester—Native Prairie: The Kankakee Protohistory Project and Ongoing Excavations at the Terminal Prehistoric Middle Grant Creek Site in Northern Illinois

Thursday Morning, April 12

- 8:15 Jeremy Skeens—Sifting through the Sherds: An In-Depth Look at the Ceramic Assemblage from Woodpecker Cave (13JH202)
- 8:30 Angela Cooper—Mounds, Museum Visitors, and You (the Archaeologist)
- 8:45 Robert Jeske and Katherine Sterner—Early Oneota Longhouses in Southeastern Wisconsin
- 9:00 Christina Friberg—Think Locally, Act Globally: How a Local Perspective Informs the Broader Narrative of Mississippianization in the American Midwest
- 9:15 Richard Edwards and Robert Jeske—Maize's Role in the Diets of Late Prehistoric People Living in the Prairie Peninsula
- 9:30 Jeffery Kruchten—Thunder, Lightning, Wind, and Rain: Exploring Engagements with Elemental Entities in the Closing of Emerald
- 9:45 David Pollack and A. Gwynn Henderson—The Middle Ohio Valley Fort Ancient Transformation as Viewed from Fox Farm
- 10:00 Marcus Schulenburg—Building Village Communities: Early Fort Ancient Villages in the Ohio Valley
- 10:15 Andrea Alvashere—Burning Down the House: Evidence for Controlled and Uncontrolled Structure Fires among the Late Woodland and Mississippian Settlements at the Orendorf Site in Fulton County, Illinois
- 10:30 Andrew Upton—Conflict, Migration, and the Transformation of Network Interrelationships in Mississippian West-Central Illinois: A Multilayer Social Network Analysis

**[27] GENERAL SESSION ■ THE ANCESTRAL PUEBLO PERIOD****Room:** Madison A**Time:** 8:00 AM–10:45 AM**Chair:** Michelle Turner**Participants:**

- 8:00 Michelle Turner—The Politics of Mud, Masonry and Landscape at the Aztec North Great House
- 8:15 Samantha Linford—Design Analysis, Social Identity and Ancestral Pueblo Migration: Southwest Colorado to Northern New Mexico
- 8:30 Danny Sosa Aguilar and Bernardo Archuleta—Understanding the Landscape and Material Sources through Community Partnership in Abiquiú, New Mexico
- 8:45 Matthew Schmader—Evolutionary Change in Household Architecture, Settlement Patterns, and Subsistence Technology: A 4000 Year-Long Record from the Middle Rio Grande Valley, New Mexico
- 9:00 Alexandra Covert—From Water to Land: Analysis of Prehistoric Shell from Wupatki Pueblo
- 9:15 Michael L. Terlep—Cup and Channel Petroglyphs and Ancestral Puebloan Migration
- 9:30 Kaitlyn E. Davis—Smoking Customs and Plains-Pueblo Interaction in the Southwest Border Pueblos
- 9:45 Laura Ellyson, Tim A. Kohler and Catherine Cameron—Quantifying Inequality among Ancestral Pueblo Households
- 10:00 Timothy de Smet and Sean Field—Remote Sensing to Identify Chaco Roads: A Case Study of the North Road
- 10:15 Zachary Cooper—Developmental Period Migration in the Northern Rio Grande
- 10:30 Theodore Tsouras, William Bryce and Michael L. Terlep—Becoming Virgin in Jenny Clay: An Analysis of Settlement Evolution and Kayenta Intrusion in Southern Utah

Thursday Morning, April 12**[28] GENERAL SESSION ■ CLASSIC MESOAMERICA: LANDSCAPE, MONUMENTALITY AND HOUSEHOLD ARCHAEOLOGY****Room:** Harding**Time:** 8:00 AM–10:45 AM**Chair:** Antonieta Rivera**Participants:**

- 8:00 Anais Levin, John Walden and Jaime Awe—Lithic Tool Use and Production in an Ancient Maya Neighborhood
- 8:15 Robyn Dodge—Ongoing Household Research at Hun Tun: An Ancient Maya Hinterland Settlement in Northwestern Belize
- 8:30 Lorraine Williams-Beck—Ballcourts, Towers, and Urbanism in the Chenes region, Campeche
- 8:45 Cynthia Kristan-Graham—The Poetics and Politics of Acoustics at Chichen Itza, Yucatan, Mexico
- 9:00 Laura Levi, Christian Sheumaker and Sarah Boudreaux—Pathways and the Power of Organizational Process: Defining Polity at Wari Camp, Belize
- 9:15 Dawn Crawford, Brigitte Kovacevich and Michael Callaghan—Terminal Classic Residential Groups at Holtun, Guatemala
- 9:30 Tiffany Lindley—Examining Everyday Lives: Non-Elite Maya Households and the Terminal Classic Collapse
- 9:45 Renee Collins and Rafael Guerra —Rising from the Bush: Investigations of Elite Households Adjacent to Site Cores in the Belize Valley
- 10:00 Alex Kara—Scrutinizing Theories of Maya Collapse with the CHAAHK Spatial Simulation Model
- 10:15 Zachary Nissen—A Monumental Afterlife: Reconfiguration and Reuse at Aventura, Belize
- 10:30 Antonieta Rivera—The Architectural and Urban Design Principles of Tenochtitlan

**[29] GENERAL SESSION ■ PREHISTORIC AND PROTOHISTORIC RESEARCH FROM EUROPE****Room:** Truman**Time:** 8:00 AM–11:00 AM**Chair:** Deniz Kaya**Participants:**

- 8:00 Knut Ivar Austvoll—Seaways to Complexity. Sociopolitical Strategies in Northwestern Scandinavia in the Early Bronze Age
- 8:15 Robert Brunswig, Pawel Valde-Nowak and Michael Kimball—European and North American Mountain Archaeology and the Concept of Transhumance Applied to the Prehistory of Colorado's Southern Rocky and Poland's Tatra Mountains
- 8:30 Ladislav Smejda and Anna Pankowska—Reconfiguring Normative Funeral Rite in European Prehistory: Second Thoughts on Secondary Manipulation of Human Remains
- 8:45 Peter Schauer, Kevan Edinborough, Stephen Shennan, Andrew Bevan and Mike Parker Pearson—Explaining Variation in the Scale of Neolithic Quarry and Mine Production
- 9:00 Lindsey Büster—Death, Dying and Horlicks: Structured Deposits as Problematic Stuff in European Prehistory
- 9:15 Rick Schulting, Petrus le Roux, Yee Min Gan, Gary Lock and Chris Gosden—The Ups & Downs of Iron Age Animal Management on the Oxfordshire Ridgeway, Southern England
- 9:30 Laurence Ferland—Substances in Transition: Tell Construction in Chalcolithic Bulgaria

Thursday Morning, April 12

- 9:45 Jess Beck, Colin Quinn and Horia Ciugudean—From Mounds and Museums: Building a Bioarchaeology of the Early Bronze Age in the Apuseni Region of Transylvania
- 10:00 Elizabeth Colantoni, Gabriele Colantoni, Serena Cosentino, Maria Rosa Lucidi and Gianfranco Mieli—The Copper Age in Apennine Central Italy and the San Martino Site at Torano di Borgorose (Rieti, Italy)
- 10:15 Derek Hamilton, Kerry Sayle, Colin Haselgrove and Gordon Cook—Application of Multi-Isotopic Analysis ( $\delta^{13}\text{C}$ ,  $\delta^{15}\text{N}$ , and  $\delta^{34}\text{S}$ ) to Examine Mobility and Movement of People and Animals within an Iron Age British Society
- 10:30 Eric Harkleroad—New Perspectives on Warfare in the Iron Age of Wessex
- 10:45 Deniz Kaya—Burning the House: The Importance of Excavation Methods in the Study of Space and Place in the Neolithic Household. A Case Study from Neolithic Bulgaria (6500–600 BC)

**[30] GENERAL SESSION ■ SOCIOPOLITICAL ORGANIZATION AND ARCHITECTURE IN MAYA ARCHAEOLOGY**

**Room:** Thurgood Marshall Ballroom East

**Time:** 8:00 AM–11:00 AM

**Chair:** Zoe Rawski

**Participants:**

- 8:00 Tatiana Zelenetskaya Young—Architecture as an Expression of Maya Political Organization in the Cochuah Region, Quintana Roo during the Early Terminal Classic: The Perspective from Non-primary Sites
- 8:15 David Small—Limited Territorial Control and Incomplete Political Economies in Small States: A Look at the Classic Maya and Classic Greek
- 8:30 Aliénor Letouzé—The “Sistema 7 Venado”, a Little-known Ceremonial Center at Monte Albán, Oaxaca: A Study of Its Architectural and Ritual Implications
- 8:45 Jerald Ek, Ricardo Armijo Torres, William Folan and Hubert Robichaux—All Politics Isn't Local: The Role of Oxpemul in Classic Maya Geopolitics
- 9:00 Tomás Gallareta Cervera and Brett A. Houk —A Tale of Two Cities: A Comparison between Preclassic and Classic Formation of Two Maya Cities
- 9:15 Diane Slocum and Jaime Awe—Contextualizing Xunantunich in the Late Classic Belize Valley through Investigations of Structure A9
- 9:30 Zoe Rawski—Monumental Displays: Ritual Performance and Preclassic Architecture at Early Xunantunich, Belize
- 9:45 Steve Fox and Jaime Awe—The Bonds that Bind Us: The Analysis of Terminus Groups in the Belize River Valley
- 10:00 Mario Borrero—The Archaeology of the Southern Belize Region in Context
- 10:15 Maline Werness-Rude and Kaylee Spencer —A Good Footing: The Importance of Plaza Design in the Northern Maya Lowlands
- 10:30 Byron Smith and Marisol Cortes-Rincon—Sub-tropical Agronomy on a Variable Landscape: Exploring Classic Maya Farming through Geotechnical Design and the Distribution of Edaphic Variables
- 10:45 Anthony DeLuca—From Cooperation to Competition: An Architectural Energetics Analysis of Labor Organization for the Construction of Circle 2 at Los Guachimontones, Jalisco, Mexico

Thursday Morning, April 12**[31] GENERAL SESSION ■ HIGHLAND MESOAMERICA****Room:** Washington Room 1**Time:** 8:00 AM–11:00 AM**Chair:** Nadia Johnson**Participants:**

- 8:00 Nezahualcoyotl Xiuhtecutili, Daniel Pierce and Michael D. Glascock—Tlaxcallan Pottery Manufacture and Restricted Networks
- 8:15 Lorena Medina Martínez and Raúl Barrera Rodríguez—Hallazgo del Templo de Ehecatl Quetzalcoatl de México-Tenochtitlan
- 8:30 Tom Froese and Linda Manzanilla—A Network Model of Co-Rulership and Community Ritual in Teotihuacan: From Neighborhoods to Districts
- 8:45 Charles Knight—Ceramics, Ground Stone and Miscellaneous at the Zaragoza-Oyameles Obsidian Quarry in Puebla, Mexico
- 9:00 Thania Ibarra and Aurelio López Corral—A Technological Approach of Textile Production in Late Postclassic Tlaxcallan
- 9:15 Aurelio López Corral—Where Is Camaxtli? Assessing the Iconography of Tlaxcallan Collective Government
- 9:30 Nick Simpson and Christopher T. Fisher—Using LiDAR to Map an Ancient Purépecha Water Management System in ArcGIS
- 9:45 Edwin Harris and Christopher T. Fisher —GIS Analysis of the Road Network at the Postclassic Purépecha Site of Angamuco, Mexico
- 10:00 Marc Marino, Lane Fargher, Nathan Meissner, Verence Heredia Espinoza and Richard Blanton—Commercialization, Consumption, and Political-Economic Strategies in Late Postclassic Mesoamerica: A Comparative Study of Access to Projectile Points at Tlaxcallan and Santa Rita Corozal
- 10:15 Charles Stapleton and Maria Stapleton—Tlaloques, Tiempers, and Trees: Cultural Models of Nature in Central Mexico
- 10:30 Angel González López—The Imperial Stone Sculpture of Tenochtitlan: Changes and Organization
- 10:45 Nadia Johnson—Obsidian Exchange and Use in Early Formative Chalcatzingo

**[32] GENERAL SESSION ■ AFRICAN ARCHAEOLOGY****Room:** Lincoln 2**Time:** 8:00 AM–11:15 AM**Chair:** Caroline Arbuckle MacLeod**Participants:**

- 8:00 Heba Abdelsalam—Implementing American Interpretative Methods for Better Preservation of a Cultural Heritage Site (Case Study: Mallawi Museum, Minya, Egypt)
- 8:15 Adrienne Daggett and Lu-Marie Fraser—Subsistence Technology in Early Iron Age Botswana
- 8:30 Dela Kuma—Foodways in Atlantic Era West Africa – Ghana: Towards an Archaeology of Daily Life
- 8:45 Thomas Huffman—Excavations at Great Zimbabwe: Commoner Housing versus Elite Enclosures
- 9:00 Dil Basanti—From Building to Connecting: Shifting Portraits of Complexity in Ancient Aksumite Monument Construction (50–400 AD)
- 9:15 Kenneth Aitchison—Who Works in African Archaeology?
- 9:30 Jay Silverstein and Hamedy Mashaly—Sacred and Profane Aspects of Water Management in Ancient Thmuis, Egypt
- 9:45 Michael Tritsch—Banqueting with Tutankhamun: A Case Study in Determining the Function and Meaning of an Unprovenanced Artifact

Thursday Morning, April 12

- 10:00 Grant McCall and Theodore Marks—Beer in the Desert: Archaeological, Ethnohistoric, and Experimental Perspectives on Early Beer Brewing in the Central Namib Desert, Namibia
- 10:15 Carl Walsh, Justin Yoo and Paul van Pelt—The Current State of Egyptology: An International Survey and Discussion
- 10:30 Caroline Arbuckle MacLeod—Ethnoarchaeology in Egypt's City of the Dead
- 10:45 Madeleine Bassett—Religious Conversion and Ritual Practice in the Horn of Africa: A Case Study from Islamic-Period Djibouti (ca. AD 800–1200)
- 11:00 Timpoko Hélène Kienon-Kabore and Vincent Serneels—La Metallurgie Ancienne du Fer de la Zone 4000 de Siola (Kanisasso, Zone d'Odienné, Nord-ouest de la Côte D'Ivoire)

**[33] GENERAL SESSION ■ ICONOGRAPHY, SYMBOLISM AND IDENTITY IN MESOAMERICA****Room:** Washington Room 3**Time:** 8:00 AM–11:15 AM**Chair:** Kathryn Math**Participants:**

- 8:00 Kathryn Math—Fang & Feather: The Origin of Avian-Serpent Imagery at Teotihuacan and Symbolic Interaction with Jaguar Iconography in Mesoamerica
- 8:15 Diana Zaragoza—Un acercamiento al pensamiento simbólico de los Huastecos, siglos XV y XVI
- 8:30 Wendy Bacon—The Dwarf Motif in Classic Maya Monumental Iconography: A Spatial Analysis
- 8:45 James Kinsman and David Asher—Evidence of Meteor Shower Outbursts Recorded in the Classic Maya Hieroglyphic Script Using Orbital Integrations
- 9:00 Michael Biggie, John Walden, Jaime Awe, Rafael Guerra and Julie Hoggarth—The Shell Game: Maya Cosmology as Reflected in Recent Discoveries at Tutu Uitz Na
- 9:15 Michael Callaghan, Brigitte Kovacevich, Rachel Gill and Karla Cardona—Preclassic Maya Ritual at Holtun, Guatemala: Analysis and Interpretation of the E-Group Architectural Compound
- 9:30 Chantal Huckert—Una iconografía estelar en figurillas y esculturas de las culturas del Clásico del Centro de Veracruz
- 9:45 Charles Cheek—Male Court Dress on Late Classic Maya Vases
- 10:00 Catherine Popovici—Bricks and Mortar: The Concealed Politicization of Fired Clay Adobe at Comalcalco, Tabasco
- 10:15 Dmitri Beliaev, Alexandre Tokovinine and Milan Kovac—Ballgame, Ritual and Monument Reutilization at the Ancient Maya Site of Uaxactun
- 10:30 Jeb Card—Reassessing Classic Maya Identity and the Southern Edge of Mesoamerica
- 10:45 Stephanie Lozano—Teotihuacan References Found within Classic Maya Inscriptions
- 11:00 Nelda Issa Marengo—Warriors and Violence in the Iconography of Chichén Itzá

**[34] GENERAL SESSION ■ COASTAL AND ISLAND ARCHAEOLOGY****Room:** Thurgood Marshall Ballroom South**Time:** 8:00 AM–11:15 AM**Chair:** Stephanie Ostrich**Participants:**

- 8:00 Canan Cakirlar, Francis Koolstra, Christian Kuchelmann and Salima Ikram—Marine Turtle Consumption: From Ancient Taboo to Conservation Management

Thursday Morning, April 12

- 8:15 Christopher Wolff and Donald Holly—Colonizing the Edge: The Maritime Archaic Settlement and Occupation of Eastern Newfoundland
- 8:30 Jessica Watson—Martha's Vineyard Beach Economy: Scavenged Seals and Washed-up Whales at the Frisby Butler Site
- 8:45 Brittany Mistretta and Jonathan Hanna—Breadth of Fresh Air: A Continued Examination of the Reversed "Crab-Shell Dichotomy" in Grenada's Pre-History
- 9:00 Georgia Andreou—Coastal Erosion Management in Archaeology: Turning Challenges into Opportunities
- 9:15 Todd Koetje—Leukoma Seasonality and Maturity at WH-55, Implications for the Lacarno Beach Phase in the Pacific Northwest
- 9:30 Thaddeus Bissett, Martin Walker, Sean Taylor and Michael Russo—The Utility of Public LiDAR Data for Detecting and Documenting Low-Relief Archaeological Sites: A Case Study from the Pockoy Island Shell Rings, Charleston County, South Carolina
- 9:45 Christian K. Madsen, Jette Arneborg, Ian Simpson, Michael Nielsen and Cameron Turley—(Almost) Making It in the Margins: Medieval Norse Adaptation to the Arctic Fjord Environments
- 10:00 Marisa Afonso—Chronological Investigations at Coastal Shell Mounds, Southeastern Brazil
- 10:15 Christopher Troskosky, Erika Ruhl, Sarah E. Hoffman, Torill Christine Lindstrøm and Ezra Zubrow—A Small Rock Holding Back the Waves
- 10:30 Carola Flores-Fernandez, Veronica Alcalde, Laura Olguin, Jimena Torres and Diego Salazar—Shell Fishhooks on *C. chorus* Mussel Shell (7500 to 4500 Years BP) from the Atacama Desert Coast (Chile)
- 10:45 Seth Brewington—Fowling and Food Security in the Faroe Islands
- 11:00 Stephanie Ostrich—CITIZAN's Digital Toolkit: Citizen Scientists Recording England's At-Risk Coastal Archaeology

**[35] GENERAL SESSION ■ LANDSCAPE AND ECOLOGY IN THE SOUTHEASTERN UNITED STATES****Room:** Lincoln 4**Time:** 8:00 AM–11:15 AM**Chair:** Nicholas Triozzi**Participants:**

- 8:00 Isabelle Lulewicz, Neill Wallis and Victor Thompson—Village Aggregation and Native Subsistence Practices at a Middle Woodland Mound Center, Gulf Coast Florida, USA
- 8:15 Katharine Napora, Victor Thompson, Jeff Speakman and Alexander Cherkinsky—Establishing a Multimillennial Dendrochronological Sequence in the Atlantic Southeast, USA
- 8:30 J. M. Adovasio, C. A. Hemmings, F. J. Vento, J. S. Duggan and J. H. Higley—Preliminary Assessment of Recent Research at the Old Vero Site (8IR009), Vero Beach, Florida
- 8:45 Michael Savarese, Antonio Arruza, Victor Thompson, Karen Walker and William Marquardt—Paleoenvironmental Context of Calusa Cultural Evolution on Mound Key, Estero Bay, Southwest Florida
- 9:00 Elizabeth Scharf—Vegetation Change at Poverty Point, Louisiana
- 9:15 Anna Graham—New Insights from Old Wood: A Case Study from the Southeastern United States
- 9:30 Anthony Boucher—Referencing the Archaic on a Woodland Landscape on Florida's Northern Gulf Coast
- 9:45 Terry Barbour—Anchoring in the Gulf: Trans-species Dwelling and Building in Gulf Coast Florida

Thursday Morning, April 12

- 10:00 Martin Walker and David Anderson—Examining the Subsistence and Social Landscapes of the Late Precontact Occupations at the Topper Site (38AL23), Allendale, South Carolina
- 10:15 William Marquardt, Victor Thompson, Karen Walker, Michael Savarese and Lee Newsom—Cooperation and Coercion: Geography, Ecology, Climate, and Surplus Production in the Rise of the Calusa Kingdom
- 10:30 Evan Mann—Conch, Whelk, or Clam: Comparing Southern Florida's Indigenous Shellfish Collection Patterns
- 10:45 Connie Randall, Meagan Dennison, Jay Franklin, Bruce Manzano and Renee Walker—Woodland Subsistence in Upper East Tennessee
- 11:00 Nicholas Triozzi—Competing with the Crown: Early Spanish Mission Settlement Decisions in a Human Behavioral Ecology Model

**[36] GENERAL SESSION ■ CONTACT PERIOD ARCHAEOLOGY****Room:** Washington Room 2**Time:** 8:00 AM–11:15 AM**Chair:** Kristi Feinzig**Participants:**

- 8:00 Ashley Parker, Lisa Johnson, Kate Magargal, Marianna Di Paolo and Brian Coddling—When Is a Horse Not a Horse? It Depends on Your Local Ecology
- 8:15 Monica Pacheco Silva—Perception and Interpretation of the Landscape in the Lienzo of Coixtlahuaca/Seler II
- 8:30 Kristi Feinzig—Tracing Sixteenth-Century Beads in South America to Understand Their Impact on Indigenous Ritual Practices and Material Culture at the Time of the Spanish Conquest
- 8:45 Donald Blakeslee—Uncovering Etzana: A Megashow on the Southern Plains
- 9:00 Crystal Dozier—Toyah Mitotes: Feasting in the Terminal Late Pre-Hispanic Southern Plains
- 9:15 Sarah Nowell—Inferring Continuity and Growth from Household Expansion at the Xwisten Bridge River Site in British Columbia
- 9:30 Jamie Forde—Commensal Politics, Intersectional Politics: Serving Ceramics at Early Colonial Achiutla, Oaxaca, Mexico
- 9:45 Jacinda Sinclair—The Complexity of Archaeological Site Revisits: A Case Study from Labrador
- 10:00 Wade Campbell, Matthew Magnani and Alex Wesson—Reanalyzing “The Rise”: A Gobernador Phase Navajo Habitation Site in Northwest New Mexico
- 10:15 Kevin M. O'Brian and Clay Jenkinson—Trailing Lewis & Clark: Inventorying Prehistory at the Point of Contact
- 10:30 Alyce De Carteret—Building an Empire: Spanish Colonial Encounters with Maya Houses and Housebuilding
- 10:45 Elspeth Geiger—Contact, Exchange, and Identity Revisited: A Closer Look at Michigan's Garden Peninsula Archipelago
- 11:00 Maria Stapleton and Charles Stapleton—Pueblo de Indios: Syncretic Art and Architecture in the Negotiation of Indigenous Identity

**[37] GENERAL SESSION ■ PRECLASSIC, CLASSIC AND POSTCLASSIC MAYA****Room:** Lincoln 6**Time:** 8:00 AM–11:30 AM**Chair:** Walter Burgos Morakawa**Participants:**

- 8:00 D. Gibson—When Irish Eyes View Maya Classic Period Political Systems

Thursday Morning, April 12

- 8:15 Edgar Carpio—Contribution of Stephan F. de Borhegyi to the Archaeology in Guatemala: Investigation in the Borhegyi's Archives at the Milwaukee Public Museum
- 8:30 Meaghan Peuramaki-Brown and Shawn Morton—Maya Monumental 'Boom': Spatial Development, Rank Ordering, and Planning Considerations at Alabama, East-Central Belize
- 8:45 Debora Trein and Thomas Hart—Not Your Backyard Garden: Terraces in the Shadow of La Milpa's Temples
- 9:00 Anna Kebler, Michael Callaghan and Brigitte Kovacevich—Chemical Composition of Maya Slips: Analysis and Interpretation of Preclassic Sherds from Holtun, Guatemala Using pXRF Technology
- 9:15 Jessica Cerezo-Román and Kenichiro Tsukamoto—Life and Death of Lakam Elites at the Maya Center of El Palmar, Campeche, Mexico
- 9:30 Shannon Plank, Rafael Burgos, Scott Hutson, Yoly Palomo and Miguel Covarrubias—Uci and Izamal: Influence and Interaction in the Northern Maya Lowlands
- 9:45 Jeffrey Davis, Julie Hoggarth, Jaime Awe and Chrissina C. Burke—Terminal Deposits and Terminal Classic Collapse: An Analysis of the Proportional Distribution of Artifacts from Terminal Deposition Events at the Site of Baking Pot, Belize
- 10:00 Walter Burgos Morakawa and Brent Woodfill—Understanding Maya Rituals of Power in the Candelaria Caves, Guatemala: A View from the Polychrome Ceramics of the Early Classic
- 10:15 Christopher Attarian—Complementary Economic Specialization in an Emerging Decentralized Exchange System: A Case from the Late Classic Naco Valley, Honduras
- 10:30 Sarah Nicole Boudreaux, Laura Levi and Christian Sheumaker—Provisioning the Household: Exploring Domestic Economic Integration within Two Lowland Maya Communities
- 10:45 Kathleen Forward—Community Complexity and Collapse: A Settlement Analysis of the Ancient Maya Site Contreras Valley, Belize
- 11:00 Alessandra Villarreal—Preclassic Maya Ceramic Production and Distribution: Preliminary Petrographic Analysis from the Mopan Valley, Belize
- 11:15 Jason Whitaker—Hinterland Domestic Economies: A Summary of Recent Investigations at the San Lorenzo Settlement Cluster

**[38] GENERAL SESSION ■ THE ARCHAEOLOGY OF THE GREAT BASIN AND CALIFORNIA****Room:** Washington Room 4**Time:** 8:00 AM–11:15 AM**Chair:** Timothy Murphy**Participants:**

- 8:00 Connor Johnen—A View from the Mountains: A Test of a Predictive Model in the Southern Wind River Range, Wyoming
- 8:15 Michael Glassow—Seasonal Mobility Patterns During the Middle Holocene on Santa Cruz Island, California
- 8:30 Carly Whelan—Obsidian Trade vs. Direct Acquisition: A View from Central California
- 8:45 Rosemary Brother—From Features to Figures: Quantitative Analysis of California Native American Baskets
- 9:00 Chester Liwosz—Stones and Standing Waves: Integrating Interpretation with Emergent Methods in Petroglyph Studies

Thursday Morning, April 12

- 9:15 Richard-Patrick Cromwell, Erin Herring, Chantel Saban and Brianna Kendrick—Paleoecological Analysis Using Select Coprolites & Sediments Recovered from Paisley Caves, Oregon
- 9:30 Michael Ligman, Tina Hart and Michael L. Terlep—Portable XRF Analysis of Rock Art Pigments Used in Pictographs across the Great Basin
- 9:45 Herb Dallas—Revisiting CA-VEN-1 and Millingstone Culture Re-examined
- 10:00 William Jerrems—Pre-Clovis Evidence at Guano Mountain, Nevada
- 10:15 J. Guzman—Mapping Prehistoric Behavior Patterns at a Lithic Tool Stone Source in the Colorado Desert: Results of Geospatial Analysis at CA-IMP-008/H
- 10:30 Stephanie Abo—Examining Fremont Snake Valley Black-on-gray Pottery through Neutron Activation Analysis
- 10:45 Timothy Murphy—A GIS Analysis of Ancient Human Trails, Human Behavioral Ecology, and Agency in the Mojave and Colorado Desert
- 11:00 Edward Stoner and Geoffrey Cunhar—The Pequop Projectile Point Type Site in Goshute Valley, Northeastern Nevada and Implications for the Long and Short Chronology Debate in the Great Basin

**[39] GENERAL SESSION ■ HISTORIC ARCHAEOLOGY IN THE NEW WORLD****Room:** Marriott Salon 3**Time:** 8:00 AM–11:45 AM**Chair:** Karin Larkin**Participants:**

- 8:00 Mark Wagner and Ryan Campbell—Bound to the Western Waters: Searching for Lewis and Clark at Ft. Kaskaskia, Illinois
- 8:15 Karin Larkin and Michelle Slaughter—Chasing the Cure: The Archaeology of Alternative Health Practices at a Tuberculosis Sanatorium
- 8:30 William Graves and Christopher Garraty—A Prelude to Displacement: An Archaeological Reconstruction of Community History at San Pablo and Barrio del Hoyo in Tempe, Arizona
- 8:45 R. E. Burrillo—The Mikesboy Site Complex: Historic Archaeology and the Utes of Bears Ears
- 9:00 Kelly Jenks—On the Road Again: Archaeology on El Camino Real
- 9:15 Hali Thurber and Justin Uehlein—Mapping Transience: An Archaeology of Hobo Movement and Placemaking
- 9:30 Jack Gary—Regular Irregularity: Archaeological Evidence at Thomas Jefferson's Poplar Forest for Intersecting Garden Traditions
- 9:45 Clara Steussy—Mono no Aware: Challenges of Impermanence in the Archaeological Record of a WWII Japanese American Concentration Camp
- 10:00 Eric Proebsting and Daniel Druckenbrod—Forest, Frost, and Agriculture: Measuring Three Centuries of Environmental Change at Thomas Jefferson's Poplar Forest
- 10:15 Rob Mann, Charles Peliska and Jacob Dupre—"A Very Good and Substantial Fort" or "More like a Child's Playhouse": The History and Archaeology of Civilian Fortifications during the U.S. – Dakota War of 1862 in Minnesota
- 10:30 George Schwarz and Ben Ford—Rebirth of the Schooner Royal Savage: Documenting and Interpreting Disarticulated Ship Remains from the American Revolutionary War
- 10:45 James Myster, Brian Hoffman, Rikka Bakken, Steve Goranson and Camille Warnacutt—Porte des Morts Lighthouse Ruins Excavation: The Study of a Mid-19th Century Lighthouse Site on the Great Lakes
- 11:00 Kevin Wiley and Joseph Schuldenrein—Riverside 2: Urban Archaeology, Landscape Reconstruction, and Public Engagement

Thursday Morning, April 12

- 11:15 Nina Schreiner—Archaeology of a Frontier Plantation: Collections Analysis at Woodville Plantation, Pennsylvania, c. 1780
- 11:30 Ralph Koziarski—Good Living in Hard Times: De-urbanization and Personal Wealth in Nineteenth Century New Market, Maryland

**[40] GENERAL SESSION ■ DIGITAL LANDSCAPES I – APPLICATIONS IN GIS****Room:** Washington Room 5**Time:** 8:00 AM–11:45 AM**Chair:** Samuel Martin**Participants:**

- 8:00 Colin Quinn—A New Method for Monitoring Socio-economic Changes through Settlement Placement
- 8:15 Danielle Phelps—Escaping from the Tomb: A Spatial Analysis of Possible Escape Routes in the Valley of the Kings, Egypt
- 8:30 Terance Winemiller and Virginia Ochoa-Winemiller—The Imitation Game: Hybridization of Styles and Trade Goods in Ancient Eastern Honduras
- 8:45 Marie Saldana—Procedural Modeling for Archaeology
- 9:00 Taylor Zaneri—Producing the City-State: GIS Modeling of Rural Land Use in Medieval Tuscany
- 9:15 Graham Goodwin, Heather Richards-Rissetto, Kristy Primeau and David Witt—Soundscapes and Visionscapes: Investigating Ancient Maya Cities with GIS and 3D Modeling
- 9:30 Sarah Jackson, Joshua Wright and Linda A. Brown—Contrasting Cartographies: Mapping a Maya Site Using Multiple Perspectives
- 9:45 Brian Buchanan, Sarah Semple and Sue Harrington—People, Place, and Identity: Funerary Landscapes and the Development of the Early Medieval Kingdom of Northumbria
- 10:00 Katherine Rose—Legitimizing Nearness: Negotiating Identities in the Spatial Design of 25th Dynasty Nubian Cemeteries
- 10:15 Mara Horowitz—Performative Aspects of Early Monumental Architecture at Late Bronze I Phlamoudhi-Vounari, Cyprus
- 10:30 Jesse Nowak—Fort Walton Formations: Examining Geospatial Trends in Artifacts and Architecture at the Lake Jackson Site in Florida
- 10:45 Samuel Martin—A Relationship between Seasonal Flooding and Raised Agricultural Fields in the Llanos de Mojos, Bolivia
- 11:00 Tia B. Watkins and John Walden —A Comparative Spatial Analysis of Ancient Palaces
- 11:15 Maria Fernanda Boza Cuadros—Places, Ports and Their People: The Rise of the Peruvian Post-Colonial State in the Arequipa Coast
- 11:30 Scott Macrae—Agricultural Strategies and Intensification: A Study of Risk Management in the Southern Maya Lowlands

**[41] GENERAL SESSION ■ OLD WORLD PALAEOLITHIC****Room:** Lincoln 5**Time:** 8:00 AM–11:45 AM**Chair:** Paul Thacker**Participants:**

- 8:00 Irfan Yaman, Cevdet Merih Erek, Iraz Asli Yaman and Alper Basiran—A New Excavation In Southeast Turkey: Kece Cave
- 8:15 Alan Simmons—Aquatic Neanderthals and Paleolithic Seafaring: Myth or Reality? Examples from the Mediterranean
- 8:30 Michele Troutman—Spatial Distribution of Stone Tools at Peyre Blanque

Thursday Morning, April 12

- 8:45 Melanie Chang and April Nowell—The Scientific Method in Paleolithic Archaeology
- 9:00 Jay Franklin, Frédéric Surmely, Sandrine Costamagno, Maureen Hays and Lauren Woelkers—Discovery of a New Middle Magdalenian Site at Enval in the Massif Central of France
- 9:15 Paul Thacker—Emic Knapping Perspectives and the Analytical Concept of Raw Material Similarity: Building a Contextualized Theory of Lithic Raw Material Selection
- 9:30 Justin Pargeter and Marika Low—Lithic Miniaturization and Behavioral Variability in Southernmost Africa 18–11 kcal. BP
- 9:45 Marine Frouin, Jean-Luc Schwenninger and Tom Higham—New Insights into the Chronology of Late Middle Paleolithic Occupations in Southwestern France
- 10:00 Mathew Stewart—The Unexpected Fauna of Pleistocene Saudi Arabia and the Earliest Evidence of Hominin Butchery Activity
- 10:15 J. Christopher Gillam, Nicolas Zwyns, Masami Izuho, Tseveendorj Bolorbat and Evgyny Rybin—Shedding New Light on Upper Paleolithic Cultural Landscapes of Northern Mongolia
- 10:30 Reed Coil, Martha Tappen, Reid Ferring, Maia Bukhsianidze and David Lordkipanidze—Photogrammetry, Spatial Patterning, and Site Formation of the Hominin-Bearing Layers at the Lower Paleolithic Site of Dmanisi, Georgia
- 10:45 Tom Higham, Thibaut Deviese, Marine Frouin and Katerina Douka—Neanderthals, Denisovans and Modern Humans: Unravelling the Chronology of the Middle to Upper Palaeolithic of Eurasia
- 11:00 Sarah Hlubik, Russell Cutts, David R. Braun, Francesco Berna and Craig Feibel—Fire in the Early Pleistocene: Evidence for the Use of Fire by Hominins at the 1.5 mya Site of FxJj20 AB, Koobi Fora, Kenya
- 11:15 Ella Beaudoin, David R. Braun and Jonathan Reeves—Spatial Variation in Tool Use: Acheulean Forager Patterning at Elandsfontein, South Africa
- 11:30 Katerina Douka, Samantha Brown, Mikhael Shunkov, Anatoly Derevianko and Tom Higham—Searching for the Denisovans

**[42] GENERAL SESSION ■ CULTURAL RESOURCES AND HERITAGE MANAGEMENT IN THE AMERICAS**

**Room:** Lincoln 3

**Time:** 8:00 AM–12:00 PM

**Chair:** Gregory Lockard

**Participants:**

- 8:00 Rebecca Schumann—The History We Remember: Race, Law, and Understanding the Archaeological Landscape
- 8:15 Sean Dolan—Thinking outside the Excavation Unit: Lessons Learned from an Alternative Mitigation Project on the Pajarito Plateau, New Mexico
- 8:30 Scott Seibel and Christopher McDaid—Managing the Effects of Erosion and Sea Level Rise on Archaeological Sites at Fort Eustis, Newport News, Virginia
- 8:45 Carolyn Dillian and Charles Bello—Historic Preservation and the Indian Division of the Civilian Conservation Corps
- 9:00 Gregory Lockard—International Lender Standards for Cultural Heritage
- 9:15 Alice Kehoe—The Postcolonial Imperative
- 9:30 James Gibb—Pig Manure and Swizzle Sticks: Defining an Archaeological Site Type
- 9:45 Jorge Rios Allier and Ma. del Pilar Casado Lopez—Public Policies and Rock Art in México

Thursday Morning, April 12

- 10:00 Kathryn Turney—Land and the Social Consequences of Land Loss: Navajo Oral History, Ethnoarchaeology, and Spatial Analysis at Wupatki National Monument, Arizona
- 10:15 William Auchter—Cell Towers: Where the Archaeology Is a Mile Wide and an Inch Deep
- 10:30 Amilcar Vargas and Álvaro Brizuela Absalón—REAP in El Tajin: Looking towards Social Participation in a World Heritage Site
- 10:45 Brian Ostahowski—Coastal Land Loss and the Future of Louisiana's Archaeological Record
- 11:00 Adrienne Velasquez—Treasure within the Fortress: Opportunities for Partnership in DoD Archaeology
- 11:15 Pedro Espinoza—El Continuum cultural, una nueva estrategia de investigación y gestión del patrimonio arqueológico en Lima, Perú
- 11:30 Kasey Diserens Morgan—Navigating Narratives of the Past in the Present: Archaeology and Heritage Preservation in Tihosuco, Quintana Roo, Mexico
- 11:45 Marieka Arksey, Paddington Hodza and Greg Pierce—WyoARCH: Increasing the Impact of Archaeological Repositories through Spatially-Enabled Collections Management

**[43] GENERAL SESSION ■ ZOOARCHAEOLOGY AND SUBSISTENCE****Room:** Marriott Salon 2**Time:** 8:00 AM–11:45 AM**Chair:** José López Mazz**Participants:**

- 8:00 Zachary Boyer—Nine Gal Tavern Faunal Analysis
- 8:15 A. Dudley Gardner—Apishapa Structures and Subsistence Strategies in Purgatoire Canyon Colorado
- 8:30 Sarah Neusius—Animal Use among the Monongahela: Insights from the Analysis of the Johnston Site Faunal Assemblage
- 8:45 José López Mazz—Prehistoric Dogs in the Uruguay Lowlands
- 9:00 Virginia Harvey, Linas Daugnora and Michael Buckley—Collagen Fingerprinting on Neolithic Fish from Lithuania
- 9:15 Aurelie Manin, Camilla Speller, Gregory Pereira and Christine Lefèvre—Captive Birds and Pet Keeping in Ancient Mesoamerica: The Case of Scarlet Macaws from Vista Hermosa (Tamaulipas, Mexico, 1300–1500 AD)
- 9:30 Madeline Leines—Perceptions vs. Reality: Animal Lives in the Ancient Maya, Aztec, and Inca Cultures
- 9:45 Rachel McTavish—Fish Butchering and Processing in Archaeology: Proposed Methods for Academic and CRM Analyses
- 10:00 Heather Lapham, Gary M. Feinman and Linda M. Nicholas—Raising Dogs for Meat and Sacrifice: A Comparative Study of Classic Period Sites in Oaxaca, Mexico
- 10:15 Michael Buckley and Muxin Gu—Machine Learning Species Identification with ZooMS Collagen Fingerprinting
- 10:30 Heath Bentley, Norbert Stanchly and James Garber—From the Sea to the Smoker: A History of Sea Turtle Exploitation on St. George's Caye, Belize
- 10:45 Spencer Lambert—Identifying Fremont Large Game Hunting Practices through the Modified General Utility Index and Strontium Isotope Analysis
- 11:00 Meredith Wismer—Pocket Gophers as Food? The Zooarchaeological Investigation of an Unusual Woodland Period Assemblage
- 11:15 Heather MacIsaac—Revisiting the Keeshin Farm Site: A Study on Continuity and Change in Subsistence Practices at a Langford Tradition Settlement

Thursday Morning, April 12

- 11:30 Madeline Mackie—What Are the Chances? Estimating the Probability of Coincidental Artifact Association with Megafauna Remains

**[44] GENERAL SESSION ■ NORTH AMERICAN HUNTER-GATHERERS****Room:** Jackson**Time:** 10:30 AM–12:00 PM**Chair:** Metin Eren**Participants:**

- 10:30 Meghan Dudley—Identifying Hunter-Gatherer Socialized Landscapes in the Bridger Mountains, Montana
- 10:45 Metin Eren, Brian Andrews, Michelle Bebbler, Ashley Rutkoski and David Meltzer—Year One of New Excavations at the Paleo Crossing (33ME274) Clovis Site, Ohio: The 2017 Field Season
- 11:00 Veronica Arias—An Isolated Middle Archaic Bison Kill Site in the Northern Texas Panhandle
- 11:15 Katherine Seikel, Rachel Feit and Jon Budd—A Greasy Mess: Reconsidering Prehistoric Bone Grease Extraction and Its Implications for Site Interpretation
- 11:30 Jessica Morales, Jelmer Eerkens, Jeffrey Rosenthal and Andrew Ugan—Using Faunal Stable Isotopes to Assess Past Hunting Practices and Landscape Modification along the Feather River, CA
- 11:45 Ebony Creswell—Culture and Disease: Modeling the Spread of Tuberculosis in Wyoming

**[45] GENERAL SESSION ■ EAST ASIA: THE JOMON AND NEOLITHIC PERIODS****Room:** Delaware A**Time:** 10:30 AM–12:00 PM**Chair:** Bong Kang**Participants:**

- 10:30 Takashi Sakaguchi—Regional Sociopolitical Transformations among Complex Hunter-Gatherers: A Macroregional Approach to the Late Jomon of Central Hokkaido
- 10:45 Zhuang Lina, Lin Liugen and Gan Huiyuan—Ground Stone Tools from the Hanjing and Shunshanji Sites
- 11:00 Xiangming Dai—An Analysis on the Taosi Cemetery from the Late Neolithic in North-central China
- 11:15 Minmin Ma, Lele Ren and Xin Li—The Study of Isotopic Baseline in the Gan-Qing Region, Northwestern China
- 11:30 Xiaotong Wu, Xingxiang Zhang, Zhengyao Jin, Rowan Flad and Xinming Xue—Long-Distance Human Migration in Late Neolithic China: Isotopic Evidence from Qingliangsi Cemetery
- 11:45 Bong Kang—The Rock Art of Bangudae in Southern Korea: Focused on the Problems of Whale Hunting

**[46] GENERAL SESSION ■ MATERIALS ANALYSIS AND ARCHAEOMETRY IN ANDEAN ARCHAEOLOGY****Room:** Jefferson**Time:** 10:30 AM–12:00 PM**Chair:** Jose-Luis Sagripanti

Thursday Morning, April 12**Participants:**

- 10:30 Jose-Luis Sagripanti, Dan Wise, Ralph A. Anthenien Jr., Elias Yoon and Christopher Kleihege—High Energy Generation and Elevated Temperature Potential of an Archaic Furnace in Ancient Peru
- 10:45 Maria Soledad Solorzano Venegas and Olga del Pilar Woolfson Touma—Proceso Constructivo en los Montículos Circulares Prehispánicos de Urcuquí / Constructive Process at Prehispanic Circular Mounds of Urcuquí
- 11:00 Sebastian Warmlander—Three Case Studies of Andean Metalworking
- 11:15 Jo Osborn, Camille Weinberg and Kelita Pérez Cubas—Revisiting Jahuay: An Early Horizon Maritime Site at the Topará Quebrada on the South Coast of Peru
- 11:30 Richard Burger, Lucy Salazar and Michael D. Glascock—New Evidence of Inca Ceramic Production and Exchange in the Cuzco Heartland
- 11:45 German Loffler—Digital Standardization of Ceramic Nomenclature: A Case for Central Coast Peruvian Pottery Forms during the Late Intermediate Period

**[47] POSTER SESSION ■ PALEOINDIAN ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 47-a Richard Rosencrance—New Data and Potential Pathways of Paleoindian Exploration in the West Virginia Highlands
- 47-b Abigail Gancz—Raw Material Quality and Spatial Patterning at Shawnee-Minisink
- 47-c Julia Furlong, Jerry R. Galm and Stan Gough—Identifying Lithic Technological Strategies at the Late Paleoindian Sentinel Gap Site Using 3D Digital Morphometrics
- 47-d Ted Goebel and Bryan Hockett—Raw Material Procurement and Biface Production at Bonneville Estates Rockshelter, Nevada: A Long-Term Diachronic Approach
- 47-e Cahill Shpall, Katelyn McDonough and Dennis Jenkins —Elko Chronology: Connelly Caves Lithic Analysis and Great Basin Implications

**[48] POSTER SESSION ■ SETTLEMENT & MIGRATION****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 48-a Craig Lee, Pei-Lin Yu, Edward Jolie, Kathy Puseman and Halcyon LaPoint—Beyond the Points: Sociocultural Complexity Revealed by Non-hunting Artifacts from Melting Ice Patches in the High Alpine, Greater Yellowstone Area, USA
- 48-b Jaelyn Roland—Cultural Changes during the Protohistoric Period: An Oneota Case Study
- 48-c Emily Kate, J. Heath Anderson, Douglas J. Kennett and John Krigbaum—A Preliminary Study of Epiclassic Human Mobility at Cerro Magoni in Tula, Mexico Using Stable and Radiometric Isotope Analyses
- 48-d Linda Neff, Ted Neff, Peter Pilles and Ronald Krug—A Settlement Pattern Analysis of Yavapai and Apache Archaeological Sites in the Verde Valley Area, Central Arizona
- 48-e Bianca Gentil—The People's Response to Change: Settlement Patterns During the Classic-Postclassic Transition in the Puebla-Tlaxcala Valley, Mexico
- 48-f Mario Giron-Ábrego—Points of Early Human Mobility: A Preliminary Synthesis of Paleo-Central American Sites

Thursday Morning, April 12

- 48-g Andrew Mark, Justin Holcomb and David Carballo—Towards a Wave-of-Advance Model for Predicting the Spread of Prismatic Blade Technology in Mesoamerica

**[49] POSTER SESSION ■ ICONOGRAPHY AND EPIGRAPHY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 49-a Alice Diaz—Zooanthropomorph Iconography in the Gran Coclé, Gran Chiriqui and Tairona Areas
- 49-b Zachary Critchley—Iconographic Depictions of Spear-Thrower Use in the Ancient Andes
- 49-c Ellie Tamura—The Two Pillars of the Kingdom of Bagan, Myanmar: How Royalty and Religion Shaped the Settlement Patterns of an Empire
- 49-d Alexa Rose and Michael E. Smith—Almenas and Architecture

**[50] POSTER SESSION ■ ARCTIC AND SUBARCTIC ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 50-a Laura Crawford—Ancient Alaskan Firewood Management Strategies and the Role of Selectivity: Preliminary Results
- 50-b Marjolein Admiraal, Alexandre Lucquin, Matthew von Tersch, Peter Jordan and Oliver Craig—Investigating Organic Residues on Prehistoric Cooking Technologies in the Aleutian Islands
- 50-c John Michael Garbellano and Christopher Wolff—Maritime Archaic Spearpoints: A New Examination of Their Context and Chronology
- 50-d Paul Szpak—The Environmental Context of the Dorset-Thule Transition: Evidence from Stable Isotope Analysis of Archaeofauna
- 50-e Kaitlin Stanley—Bone Artifacts from Summer Bay, Unalaska
- 50-f Kathryn Krasinski, Brian Wygal, Charles Holmes and Barbara Crass—Investigations of the Late Pleistocene Occupations at Holzman, Shaw Creek, Interior Alaska
- 50-g Jeffrey Rasic—A New Radiocarbon Dated Record of Holocene Weapon Technology from the Trail Creek Cave Site, Seward Peninsula, Alaska

**[51] POSTER SESSION ■ THE CARIBBEAN****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 51-a Eric Klingelhofer—Assessing Threats to Coastal Sites: A Trial Run on St Croix, USVI
- 51-b Susan deFrance, Edana Lord, Michelle LeFebvre, Catherine Collins and Elizabeth Matisoo-Smith—To the Caribbean and Beyond: Complete Mitogenomes of Ancient Guinea Pigs (*Cavia porcellus*) as a Proxy for Human Interaction in the Late Ceramic Age
- 51-c Fraser Neiman, Lindsay Bloch, Jillian Galle and Jeffrey R. Ferguson—Developing Reproducible Methods for Defining and Evaluating Ceramic Compositional Groups Derived from NAA and LA-ICP-MS

Thursday Morning, April 12

- 51-d Jillian Galle, Lindsay Bloch, Jeffrey Ferguson, Fraser Neiman and Suzanne Francis Brown— Ceramic Manufacturing and Distribution Networks in Early Jamaica: Interpretive Implications of LA-ICP-MS and NAA Analyses on Coarse Earthenwares from 18th-Century Plantation Contexts

**[52] POSTER SESSION ■ NORTH AMERICAN ARCHAIC****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 52-a Dylan Davis—Filling in the Map: Object-Based Image Analysis and Its Potential for Shell Ring Identification on Hilton Head Island, SC
- 52-b Brian Redmond—Examining Ritualism in Late Archaic Domestic Contexts: Clay-Floored Shrines at the Burrell Orchard Site, Ohio
- 52-c Harley Burgis and Lara Homsey-Messer—Using Microartifacts to Investigate Prehistoric Cooking Methods at the Archaeological Site of Dust Cave
- 52-d Rebecca Hummel, Katharine Alexander and George Crothers—Initial Timing and Spread of the Eastern Agricultural Complex: Need for a Comprehensive Database
- 52-e Kelly Jones and William Locascio—A Typology of Late Archaic Ceramic Evidence from Okeechobee Basin to Determine Regional Interactions
- 52-f Aksel Casson and James Jablonski—A Return to Wolf Creek, PA
- 52-g Robert Ahlrichs—Range and Variation of Copper Tools from Two Archaic Localities in Wisconsin

**[53] POSTER SESSION ■ FIGHTING ANTI-SCIENCE HYSTERIA THROUGH PUBLIC ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Chair:** Bernard Means**Participants:**

- 53-a Sara Ayers-Rigsby and Rachael Kangas—Save Our Sites! Using Archaeology to Educate the Public about Climate Change in South Florida
- 53-b Bernard Means and Elizabeth Moore—Here Not Be Dragons from the End Times: Exploring Virginia Archaeology Using the 3D Printed Past
- 53-c Laura Galke—Resurrecting Mother Washington: The Dissonance of Washington's Youth
- 53-d Uzi Baram—Popular Beliefs of Safety in an Age of Rising Sea Levels: Public Archaeology as a Means to Counter Exceptionalism on the Florida Gulf Coast
- 53-e Mischa Johns—Resuscitating a Dying City: Instilling Pride Through Public History and Archaeology
- 53-f Kelsey Noack Myers, Joshua J. Wells, Stephen Yerka, Sarah Whitcher Kansa and David Anderson—Making Archaeological Data Publicly Accessible through the Digital Index of North American Archaeology
- 53-g Eric Larsen—"So, have you tried...?": Is It REALLY about Science... Or Is It about Authority?
- 53-h Phillip Ashlock and Dawn Ashlock—Exploring the Use of 3D Technologies, Virtual Reality, and Immersive Media in Public Archaeology to Advance Awareness of Material Culture across Social Media Platforms
- 53-i Angela Jaillet-Wentling and Samantha Taylor—Building a Public Archaeology Effort Finding the Best Foundation Somewhere between Bedrock and Shifting Sands: Public Archaeology Efforts at Pandenarium (36ME253)

Thursday Morning, April 12**[54] POSTER SESSION ■ A MEDITERRANEAN WORLD, 6000 BC–AD 2000:****ARCHAEOLOGY AND HISTORY OF BOVA MARINA, ITALY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Chairs:** Paula Kay Lazrus and John Robb**Participants:**

- 54-a Paula Kay Lazrus—A Long Walk from Town: Early 19th Century Landuse in the Territory of Bova
- 54-b John Robb—The 20th Century Archaeology of the High Mountains: State Projects and the Forces Resisting Them
- 54-c Kostalena Michelaki and John Robb—Two Thousand Years of Pot-Making: Exploring Neolithic Ceramic Traditions in SW Calabria, Italy
- 54-d Lin Foxhall—Greeks in the Mountains: New Insights on the Landscapes of Ancient Greek 'Colonization' in Calabria, Southern Italy
- 54-e Isaac Ullah, Yesenia Garcia, Paula Kay Lazrus, Nicholas Ames and Meredith S. Chesson—Historic Water Management Infrastructure in the San Pasquale Valley, Calabria, Italy
- 54-f David Yoon—Long-Distance Trade in Late Antique Italy: Evidence from the Bova Marina Archaeological Project
- 54-g Meredith S. Chesson, Isaac Ullah, Nicholas Ames, Hamish Forbes and Paula Kay Lazrus—Full of Water, Full of Life: Water, Resilience, Sustainability, and Built Heritage in the 19th to 21st Centuries San Pasquale Valley, Calabria, Italy
- 54-h Helen Foxhall Forbes—Caught between East and West: Southern Calabrian Political Landscapes and the Mediterranean World, 400–900 CE
- 54-i R. Helen Farr—Implications for Submerged Prehistoric Archaeology: Coastal Geomorphological Mechanisms on the Local Scale in the San Pasquale Valley, Bova Marina, Reggio Calabria

**[55] POSTER SESSION ■ NEW RESEARCH IN SOUTH CENTRAL MICHOACÁN MÉXICO****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Chair:** José Luis Punzo Díaz**Participants:**

- 55-a Cinthia M. Campos, José Luis Punzo Díaz and Carlos Karam—Ritual Human Sacrifice among the Tarascans
- 55-b David Rangel, Juan Julio Morales Contreras and José Luis Punzo Díaz—Archeomagnetic Dating of Ceramic Potsherds of the Tingambato Archeological Site
- 55-c Fernando Castillo Flores, Francisco Javier García Ugalde, José Luis Punzo Díaz, Alfonso Gastelum-Strozzi and Dante Bernardo Martínez Vázquez—Automatic Classification of Digital Images of Archaeological Arrowheads
- 55-d Alejandro Valdes and Lissandra González—El Arte Rupestre en el Paisaje de la Tierra Caliente Michoacana
- 55-e Max Ayala—Obsidian Debitage Sequence in Three Sites in West Mexico during the Late Classic Period: A Proposal
- 55-f Alfonso Gastelum-Strozzi, Ingris Peláez Ballestas, Jesús Zarco Navarro and José Luis Punzo Díaz—Tomography and Photography Studies of Funerary Urns from South Central Michoacán México

Thursday Morning, April 12**[56] GENERAL SESSION ■ SOUTHEAST AND SOUTH ASIAN ARCHAEOLOGY****Room:** Johnson**Time:** 10:45 AM–12:00 PM**Chair:** Lubna Omar**Participants:**

- 10:45 Gyles Iannone, Pyiet Phyo Kyaw, Nyien Chan Soe, Saw Tun Lynn and Scott Macrae—Water, Ritual, and Prosperity at the Medieval Capital of Bagan, Myanmar (11th to 14th Centuries CE): Preliminary Exploration of the Tuyin-Thetso "Water Mountain" and the Nat Yekan Sacred Water Tank
- 11:00 Yong Jun Kim, Nilesh Jadhav, Eun Jin Woo, Dong Hoon Shin and Vasant Shinde—Harappan Necropolis of Rakhigarhi, India: Archaeology and Bioanthropology
- 11:15 Lubna Omar—Running with the Mules: Integrating Zooarchaeological, Archaeological and Textual Evidence to Reconstruct the Exploitation of Equids in Southwest Asia
- 11:30 Mudit Trivedi—The Archaeology of Religious Conversion: Virtue and Tradition in the Indor valley, North India
- 11:45 Chin-hsin Liu and Coralia Guandique—Dental Health Assessment of Nil Kham Haeng and Its Implications in Prehistoric Central Thailand

Thursday Afternoon, April 12**Thursday Afternoon ■ April 12, 2018****[57A] THE ETHICS BOWL****Room:** Lincoln 2**Time:** 1:00 PM–3:00 PM**[57] SYMPOSIUM ■ ARCHAEOLOGICAL RESEARCH IN THE HISPANIC CARIBBEAN****Room:** Jackson**Time:** 1:00 PM–2:45 PM**Chairs:** Paola Schiappacasse and Odlanyer Hernandez-de-Lara**Participants:**

- 1:00 Gelenia Trinidad-Rivera—Altering the Walls of Domesticity: Late 19th Century Modifications to Households in San Juan, Puerto Rico
- 1:15 Laura Hernández—Where Are You Staying? Lodging Facilities in San Juan, Puerto Rico
- 1:30 Luis Quintana Ortiz—19th Century Factories, Warehouses and Workshops in La Puntilla, San Juan Puerto Rico
- 1:45 Jan Pérez and Paola Schiappacasse—Recreating the Late 19th Century Urban Landscape of Puerta de Tierra, San Juan, Puerto Rico
- 2:00 Odlanyer Hernandez-de-Lara, Johanset Orihuela, Boris Rodriguez and Ricardo Viera—Documenting the First Battle of the Spanish-Cuban-American War (1898): Insights for an Archaeological Perspective
- 2:15 Alice Samson—Discussant
- 2:30 Jago Cooper—Discussant

**[58] GENERAL SESSION ■ ETHNOARCHAEOLOGICAL APPROACHES****Room:** Park Tower Suite 8222**Time:** 1:00 PM–2:45 PM**Chair:** S. Margaret Spivey-Faulkner**Participants:**

- 1:00 Kate Magargal—The Ecology of Cooking with Firewood
- 1:15 Katharine Fernstrom—Embodying Identities: The Human Figure in Pre-European Native American Art
- 1:30 Spencer Pelton—A Thermoregulatory Perspective on the Folsom Archaeological Record
- 1:45 Fanya Becks—What Should We Call the Rocks in Living California Landscapes?
- 2:00 Patricia Markert—A Tale of Two Places in D'Hanis, TX: Combining Linguistic Anthropology and Historical Archaeology to Study Place-Making on the Texas Frontier
- 2:15 Matthew Magnani—Contemporary Archaeology in Indigenous Communities?
- 2:30 S. Margaret Spivey-Faulkner—Indigenizing the Typology

**[59] ELECTRONIC SYMPOSIUM ■ RECENT DEVELOPMENTS IN MEXICAN AND CENTRAL AMERICAN PRECERAMIC RESEARCH****Room:** Wilson B**Time:** 1:00 PM–3:00 PM**Chairs:** Jon Lohse and Aleksander Borejsza**Participants:**

- Richard Lesure—Exchange and Interaction in Proto-Mesoamerica: A Comparison of Late Archaic and Early Formative Interregional Networks
- Aleksander Borejsza—Yuzanu 36, a Late Archaic Site in the Mixteca Alta

Thursday Afternoon, April 12

Keith M. Prufer—Early Human Biology, Ecology, and Archaeology in the Lowland Tropics of Central America  
 Guadalupe Sanchez Miranda—Pleistocene and Holocene People of Sonora  
 Luis Morett Alatorre—El Sitio Arcaico Temprano de las Estacas (Morelos) y Su Tecnología de Hogares  
 Arthur Joyce—Sourcing Preceramic obsidian from Las Estacas, Morelos, and Yuzanu 36, Oaxaca  
 Jon Lohse—Yuzanu 50, An Early Paleoindian Site in the Mixteca Alta  
 David Yelacic—Formation and Context of Sitio Chivacabe, Western Highland Guatemala  
 Guillermo Acosta-Ochoa—Preceramic Cultures of the Basin of Mexico  
 Silvia Gonzalez—Paleoindian Sites from Central Mexico: Paleoenvironment and Dating  
 Brigitte Faugère—Paleoindian and Archaic in North Centre and Western Mexico  
 Kenneth Hirth—The Esperanza to Middle Marcala Phase Subsistence Practices at El Gigante Rockshelter (11,000–7400 cal B.P.)  
 Barbara Voorhies—Archaic Period Lifeways on the South Pacific Coast of Mexico  
 Marcus Winter—Preceramic Occupations in the Valley of Oaxaca and the Southern Isthmus

**[60] FORUM ■ CHALLENGES IN TEACHING NAGPRA****Room:** Jefferson**Time:** 1:00 PM–3:00 PM**Moderator:** April Sievert**Participants:**

April Beisaw—Discussant  
 Kathleen Fine-Dare—Discussant  
 Jessie Ryker-Crawford—Discussant  
 Marc Levine—Discussant  
 Anne Pyburn—Discussant  
 Sara L. Gonzalez—Discussant  
 C. Timothy McKeown—Discussant  
 Larry Zimmerman—Discussant

**[61] FORUM ■ ARCHAEOLOGY AND INNOVATIVE OUTREACH: BEYOND THE LECTURE****Room:** Johnson**Time:** 1:00 PM–3:00 PM**Moderators:** Paulina Przystupa and Hanna Marie Pageau**Participants:**

Hanna Marie Pageau—Discussant  
 Emily Van Alst—Discussant  
 Daniel Kwan—Discussant  
 Paulina Przystupa—Discussant  
 Kristina Killgrove—Discussant  
 Katharine Ellenberger—Discussant  
 Lyle Balenquah—Discussant

Thursday Afternoon, April 12**[62] FORUM ■ FORENSIC ARCHAEOLOGY****Room:** Taft**Time:** 1:00 PM–3:00 PM**Moderator:** Kimberlee Moran**Participants:**

Sharon Moses—Discussant  
 Craig T. Goralski—Discussant  
 John Schultz—Discussant  
 Ryan Seidemann—Discussant  
 Eric Young—Discussant  
 Dana Kollmann—Discussant  
 Anna Chaussee—Discussant  
 Ann Marie Mires—Discussant

**[63] GENERAL SESSION ■ GLOBAL ISSUES IN PUBLIC ARCHAEOLOGY AND CULTURAL HERITAGE****Room:** Tyler**Time:** 1:00 PM–3:00 PM**Chair:** Kristin De Lucia**Participants:**

1:00 Marcia Bezerra—Is There a Public Archaeology?: An Approach from Brazil  
 1:15 Christen Erlingsson, Bruce Davenport and Susanne Bollerup Overgaard—Cultural Heritage-Based Reminiscence Sessions in Open-Air Museum Settings to Enhance Well-Being of Persons with Dementia  
 1:30 Elizabeth Currie and Diego Quiroga—How to Invent Your Past. Cultural Appropriation or Adoption of Orphan Cultural Identity?  
 1:45 Caitlin Curtis—Analyzing Urban and Industrial Threats to Heritage in Turkey Using Remote Sensing and GIS  
 2:00 Russell Greaves, Karen Kramer and Christopher Dore—Ethnoarchaeology of Water Resources in a Landscape without Rivers: Using Limestone Solution Cavities to Study Settlement and Subsistence Activities in a Yucatec Maya Community, Mexico  
 2:15 Alicia Gordon and A. Brooke Persons—Recent Investigations at the 18th Century Fort Frederik Archaeological Site and Cemetery, St. Croix, US Virgin Islands  
 2:30 Kristin De Lucia and Enrique Rodríguez-Alegría—Digging in Churches: Community Archaeology in Xaltocan, Mexico  
 2:45 Carsten Paludan-Müller—Conflict and Heritage

**[64] SYMPOSIUM ■ NEW RESEARCH ON LATE PRECERAMIC PERU: PERSPECTIVES FOR AN INTEGRATED VIEW****Room:** Madison A**Time:** 1:00 PM–3:15 PM**Chair:** Ana Mauricio**Participants:**

1:00 Kazuho Shoji, Takayuki Omori and Vanessa La Rosa—The Change and Chronology of Preceramic Mound-Building Practices at the Cruz Verde Site in the Chicama Valley, Peru  
 1:15 Peiyu Chen, Ali Altamirano-Sierra, Carlos Osorio Mendives and Jhon Cruz Quiñones—Fishing, Shellfish Collecting, Hunting and Planting from Late Preceramic to Initial Period: A Case Study from Huaca Nagea, Viru, North Coast of Peru

Thursday Afternoon, April 12

- 1:30 Ana Mauricio—Los Morteros and Pampa de las Salinas: Early Monumentality and Environmental Change in Preceramic Peru
- 1:45 Matthew Piscitelli—The Extraordinary Case of the Late Preceramic Norte Chico
- 2:00 Bob Benfer—Late Preceramic Peruvian Effigy Mound Imagery
- 2:15 é Sara and Eisei Tsurumi—Renovation of Temples during the Kotosh Mito Phase: 2016 Excavations at Kotosh, Huanuco, Peru
- 2:30 Jose Narvaez—Archaeological Investigations in El Paraíso. A Late Preceramic Architectural Complex in Lima – Peru
- 2:45 Ari Caramanica—Reconstructing the Environmental History of El Paraíso, Chillón Valley
- 3:00 Jeffrey Quilter—Discussant

**[65] GENERAL SESSION ■ ANDEAN ARCHAEOLOGY: LATE AND LATE INTERMEDIATE HORIZONS**

**Room:** Washington Room 6

**Time:** 1:00 PM–3:15 PM

**Chair:** Jon Clindaniel

**Participants:**

- 1:00 Izumi Shimada, Carlos Elera, Haagen Klaus, Alexandra Greenwald and Jenna Hurtubise—Large-Scale Human Sacrifice and Feasting at Sicán, Peru during the 11th-Century Mega-El Niño: A Multidisciplinary Vision
- 1:15 Jose Peña—Casma Domestic Life at the El Campanario Site, Huarmey Valley – Peru
- 1:30 Jon Clindaniel—Are Inka Khipu Knots Anything More than Numbers?: A Computational Investigation
- 1:45 Rodrigo Areche—Evaluando la explotación de los recursos malacológicos en el Cerro Azul prehispánico
- 2:00 Gabriela Ore Menendez and Steven A. Wernke—Using Multispectral Drone Imagery for Identification of Prehispanic Agricultural Features
- 2:15 Jessica Smeeks—A Post-Wari World: Late Intermediate Period Defensibility in the Huamanga and Huarpa Provinces of Peru
- 2:30 Kasia Szremiski—Alternative Complexities in the Central Andes: An Anarchist Approach to Chancay Political Organization in the Huanangue Valley
- 2:45 Alonso Binimelis—Sistemas de arquitectura local e incaica durante el Periodo Tardío en las tierras altas de Arica y valle de Lluta, Chile
- 3:00 Melissa Litschi—The Biology and Mythology of Ancestor Lithification in the Andes

**[66] GENERAL SESSION ■ MORTUARY ARCHAEOLOGY IN THE AMERICAS**

**Room:** Madison B

**Time:** 1:00 PM–3:00 PM

**Chair:** Mary Ann Levine

**Participants:**

- 1:00 Brittany Fletcher, Aliya Hoff, Samuel Mijal, Jason King and Jane E. Buikstra—Processing Personhood: Mortuary Activity from the Middle to Late Woodland in the Lower Illinois River Valley
- 1:15 Melanie Miller, Sabrina Agarwal and Carl Langebaek—Gender Divisions in Eating and Working: A Bioarchaeological Analysis of an Ancient Muisca Community (Sabana de Bogotá, Colombia, 1000–1400AD)
- 1:30 Nicole Slovak and John Rick—Who's Who? Investigating Historic Burials at Chavín de Huantar Peru Using Radiogenic Strontium Isotope ( $^{87}\text{Sr}/^{86}\text{Sr}$ ) Analysis

Thursday Afternoon, April 12

- 1:45 Emily Schach and Jane E. Buikstra—Gender at Chiribaya Alta: A Multiple Correspondence Analysis of Funerary Offerings
- 2:00 Jacob Bongers, Juliana Gómez Mejía and Colleen O'Shea—Modeling Late Prehistoric Mortuary Practice in the Middle Chíncha Valley, Peru
- 2:15 Mary Ann Levine—The Burial Ground at Otstonwakin: Native American Mortuary Practices in 18th Century Pennsylvania
- 2:30 Connie Ericksen, Haagen Klaus, John Clark and Zachary Chase—Burial Plots: Finding Theatre in the Thanatology of Colonial North Coast Peru
- 2:45 Horvey Palacios, Traci Ardren, Julie Wesp and Travis Stanton—Maya Ossuaries: Body Processing and Collective Memory in the Terminal Classic

**[67] GENERAL SESSION ■ GLOBAL STUDIES ON SLAVERY**

**Room:** Truman

**Time:** 1:00 PM–3:30 PM

**Chair:** Lindsey Cochran

**Participants:**

- 1:00 Mark Ludlow and Michael K. Kehoe—On Finding Smoke Town, a Late Eighteenth to Mid-Nineteenth Century, Rural Free Black Community Populated in Circa 1791 by Some of the 452 Manumitted Slaves of Robert Carter III
- 1:15 Carolyn Rock—Architectural Conformity vs. Slave Identity: An Example in Late Antebellum Georgia
- 1:30 Felicia Fricke—Slavery in the Dutch Caribbean: A Case for the Use of Qualitative Data in Sensitive Archaeological Contexts
- 1:45 Paul Farnsworth—The African-Caribbean Landscape of Wallblake Estate, Anguilla
- 2:00 David Mensah Abrampah—Slavery without Slaves: Archaeology of Frederiksted Plantation and Its Implications for Plantation Archaeology in Ghana
- 2:15 Colleen Betti—Porcelain Dolls and Marble Balls: The Role of Toys and Play in the Gendered Socialization of Enslaved Children
- 2:30 Craig Stevens—Maryland's Josiah Henson: A Tale of Black Resistance
- 2:45 Kelly Goldberg—Exploring the Material Culture of the 19th Century Slave Trade in Coastal Guinea
- 3:00 Lindsey Cochran—Geospatial Interpretations of Enslaved Landscapes in the Antebellum Georgia Lowcountry
- 3:15 Matthew Greer—Black Virginians and Locally Made Ceramics in the Shenandoah Valley

**[68] GENERAL SESSION ■ DIGITAL LANDSCAPES II – PHOTOGRAMMETRY, REMOTE SENSING AND DRONES**

**Room:** Washington Room 5

**Time:** 1:00 PM–3:30 PM

**Chair:** Corey Hoover

**Participants:**

- 1:00 Daniel Plekhov—Investigating the Reforestation of Anthropogenic Landscapes through Remote Sensing
- 1:15 Alicia Caporaso, Kristine DeLong, Douglas Jones and Michael Miner—The Submerged Cypress Forest and the Paleolandscape of the Gulf of Mexico
- 1:30 Tiago Miguel Fraga, Jorge Freire and Tiago Does—Reading the Unseen: The Lagoa de Óbidos Maritime Cultural Landscape

Thursday Afternoon, April 12

- 1:45 Michael Searcy, Scott Ure, Michael Mathiowetz, Jaclyn Eckersley and Haylie Ferguson—Aerial Imaging Using UAVs (Drones) in Chihuahua and Nayarit, Mexico, to Map and Archive Archaeological Sites
- 2:00 Brady Liss, Matthew Howland and Thomas E. Levy—Testing Google Earth Engine for Remote Sensing in Archaeology: Case Studies from Faynan, Jordan
- 2:15 Benjamin Vining and Hali Thurber—Detecting el Niño's Disasters: Remote Sensing of Recent ENSO Events in Northern Peru and Implications for Prehispanic Societies
- 2:30 Corey Hoover and Patrick Mullins—Exploring Classification Methods for Drone Based Imagery on the Peruvian North Coast
- 2:45 Jesse Casana, Austin Chad Hill and Elise Jakoby Laugier—Drone-Acquired Thermal and Multispectral Imagery as a Tool in Archaeological Prospection
- 3:00 William Whitehead—Using Drones for Exploring the Links between Vegetation and Traditional Archaeological Survey: An Example from Arizona
- 3:15 Abel Traslaviña, James Zimmer-Dauphinee and Steven A. Wernke—Historical Photogrammetry: Bringing a New Dimension to Historic Landscape Reconstruction

**[69] GENERAL SESSION ■ CERAMIC ANALYSIS****Room:** Hoover**Time:** 1:00 PM–3:30 PM**Chair:** Shannon Cowell**Participants:**

- 1:00 Shannon Cowell—Micaceous Ceramics at Los Ojitos, New Mexico
- 1:15 Lisa DeLeonardis—The Hidden Faces of Santa Cruz de Lancha: Ceramics and Structure in Eighteenth-Century Architecture
- 1:30 Carol Rodríguez—A Methodological Proposal for the Analysis of Style in Ceramics
- 1:45 Karime Castillo, Patricia Fournier and Roberto Junco—Dehua Porcelain in New Spain: Approaches to the Production of Fine Chinese Porcelains
- 2:00 Michelle Birnbaum—Prehistoric Ceramic Production Variation during the Early and Middle Woodland at the Richter Site, Door County, Wisconsin
- 2:15 Christopher Garraty—Non-native Incorporation of Native American Technologies in Historic Period Arizona
- 2:30 Francisco Pugliese, Roberto Ventura Santos, Carlos Zimpel and Eduardo Neves—Monte Castelo Shellmound and Early Ceramic Technologies in Amazon: A Perspective on Long-Term Landscape Management and the Origins of Pottery in the Americas
- 2:45 Charles Kolb—Revisiting Clay Smoking Pipes
- 3:00 William Barse—Ronquin Re-visited Yet Again: New Radiocarbon Dates and Their Implication for Orinocan Ceramic Chronology
- 3:15 Jaclyn Eckersley—The Pottery of Beef Basin and Its Cultural Implications

**[70] GENERAL SESSION ■ CONSERVATION AND MUSEUM STUDIES****Room:** Wilson C**Time:** 1:00 PM–3:30 PM**Chair:** Rebecca Salem**Participants:**

- 1:00 Yoko Nishimura—Japanese Archaeological Artifacts in the U.S. Museums: A Case Study from the World's Columbian Exposition of 1893
- 1:15 Daniela Klokler and Fernando Almeida—Valley of No Masters: Exchanging Experiences at the Valley of the Masters, Northeastern Brazil

Thursday Afternoon, April 12

- 1:30 Ashleigh Breske—Politics of Repatriation, Formalizing Indigenous Cultural Property Rights
- 1:45 Jaye Smith, Kelley Hays-Gilpin, Linda Pierce and Chris Downum—The Ray Robinson Collection – A Successful Collaboration to Save Safford Basin Archaeological Artifacts
- 2:00 Martin Berger—From a Cave near Tehuacán? Reconstructing Object Histories of Looted Postclassic Mesoamerican Turquoise Mosaics
- 2:15 Rebecca Salem and Effie F. Athanassopoulos—Archaeology and Tourism in the Early 20th Century: Pompeii through a Photographic Archive
- 2:30 Rebecca B. Gonzalez Lauck—State of Conservation of the La Venta Stone Sculpture Corpus
- 2:45 Ariel Peasley and Georgia Fox—Digging the Dockyard: An Analysis of Curation Practices in Antigua
- 3:00 Emily Dean—The Mystical Past and the Lucrative Present: New Age Archaeological Tourism in the Andes
- 3:15 Ellen Hoobler—Cultural Exchange in Times of Crisis: A Historical Perspective from Mexico of the 1930s and '40s

**[71] GENERAL SESSION ■ SOUTHWEST ASIA: BRONZE, IRON AND HISTORIC PERIODS****Room:** McKinley**Time:** 1:00 PM–3:30 PM**Chair:** Uri Berger**Participants:**

- 1:00 Seth Price—Abu Shusha: Integrating and Correlating Surface Features with Magnetic Susceptibility
- 1:15 Mehrmouh Soroush, Alireza Mehrtash and Emad Khazraee—Automated Qanat Detection: Examining the Application of Deep-Learning in Archaeological Remote Sensing
- 1:30 Uri Berger and Gonen Sharon—An Israeli (real COOL) Dolmen
- 1:45 Katheryn Twiss, Melina Seabrook and Michael Charles—Plant and Animal Remains from Old Babylonian Ur
- 2:00 Mitra Panahipour—Patterns of Land-Use and Political Administration beyond the Core Areas of the Sasanian Empire
- 2:15 Karim Alizadeh—Climate Change or Muslims? Collapse of the Late Antique Sasanian Settlements, Mughan Steppe, Iranian Azerbaijan
- 2:30 Sarah MacIntosh, Levent Atici and Sachihiro Omura—Assessing the Correlation between Bone Artifacts and Body Part Profiles: A Case Study from the Central Anatolian Site of Kaman-Kalehöyük
- 2:45 Paige Paulsen—Geospatial Analysis of Tumuli in the North Central Anatolian Plateau
- 3:00 Bulent Arıkan—Modeling the Changes in the Surface Processes at Arslantepe (Malatya) during the Early Bronze Age-I (ca. 5000–4750 cal. BP)
- 3:15 Gonca Dardeniz Arıkan and Tayfun Yildirim—Metal and Vitreous Production Technologies at the Early Bronze Age Resuloğlu (Central Anatolia, Turkey)

Thursday Afternoon, April 12**[72] SYMPOSIUM ■ RESEARCH AND MANAGEMENT OF TRADITIONAL CULTURAL PROPERTIES IN THE SOUTHWEST****Room:** Taylor**Time:** 1:00 PM–3:45 PM**Chairs:** Maren Hopkins and T. J. Ferguson**Participants:**

- 1:00 Michael Spears and Saul Hedquist—Overview of Traditional Cultural Properties in Relation to the NHPA and Bulletin 38
- 1:15 Barry Price Steinbrecher, Stewart B. Koyiyumptewa and Maren Hopkins—Research Protocols for Documenting Hopi Traditional Properties
- 1:30 J. Andrew Darling, Barnaby V. Lewis and M. Kyle Woodson—Nuh nuhy Himdag. The Role of Song in the Identification of O'odham Traditional Cultural Properties
- 1:45 Nanabah Nez—Oak Flat as a Traditional Cultural Property / Future Copper Mine
- 2:00 Questions and Answers
- 2:15 Kurt E. Dongoske and Giorgio Hadi Curti—Re-indigenizing Mitigation Processes and the Productive Challenge to CRM
- 2:30 Mark Slaughter and Lauren E. Jelinek—Lessons Learned through Tribal Consultation
- 2:45 Rosemary Sucec—Working at Our Edges: Managing Traditional Cultural Properties in the Desert Southwest
- 3:00 Adam Sezate, Courtney Rose, Ian Milliken and Roger Anyon—A Local Government and Tribal Collaborative Approach to Cultural Resources Management
- 3:15 Chip Colwell—Discussant
- 3:30 Octavius Seowtewa—Discussant

**[73] GENERAL SESSION ■ ICONOGRAPHY AND ROCK ART****Room:** Wilson A**Time:** 1:00 PM–3:45 PM**Chair:** Michele Hayward**Participants:**

- 1:00 Shadab Tabatabaeian—Eyes in the Dark: Explaining the Universal Ritual Function of Dark Zones via Eye-tracking Technology
- 1:15 James Farmer—Recontexting, Decontexting, and Un-Contexting the Great Gallery: “Alternative” Iconography and Romantic Exploitations of the Archaic Barrier Canyon Style
- 1:30 Michele Hayward, Michael Cinquino, Frank Schieppati and Don Smith—Shrines, Pilgrims, Pilgrimages in the Caribbean?
- 1:45 Maxwell Forton—House of Shields: Social and Spatial Trends of Rock Art in the Tsegi Region
- 2:00 Marissa Molinar—Seeing Is Believing: The Documentation of Rock Art
- 2:15 Carolina Guedes—The Rock-Art of Central-West Brazil: New Studies from Chapada dos Guimarães / MT
- 2:30 Kim Cox and Carolyn Boyd—Using Rules from the Texas Lower Pecos to Interpret Jornada Mogollon Rock Art
- 2:45 Christopher Davis—Conspicuous Knowledge Transmission through Amazonian Cave Art
- 3:00 Ruth Musser-Lopez—Virgin Puebloan and Fremont Rock Art at Petroglyph Corral
- 3:15 Lauren Lippiello—Watercraft: The Earliest Temples in Egypt
- 3:30 Timothy Hoxha—An Archaeological Analysis of Identity as Presented in Southwestern Indigenous Rock Art

Thursday Afternoon, April 12**[74] GENERAL SESSION ■ DATING TECHNIQUES****Room:** Harding**Time:** 1:00 PM–3:45 PM**Chair:** Linda Scott Cummings**Participants:**

- 1:00 Thibaut Devière, Thomas W. Stafford Jr., Michael Waters and Tom Higham—Advanced AMS 14C Dating of Contaminated Bones Associated with North American Clovis and Pre-Clovis Butchering Sites
- 1:15 César Méndez, Andrés Troncoso, Amalia Nuevo Delaunay, Antonio Maldonado and Daniel Pascual—High Resolution Chronology of the Human Occupation South of Choapa Basin (31°34' -32° S), Chile
- 1:30 Linda Scott Cummings, R. A. Varney, Thomas W. Stafford Jr., Scott Anfinson and Patricia Emerson—Dates Too Old?: Mixed Carbon Reservoirs Integrate Carbon from Freshwater Reservoirs and the Atmosphere
- 1:45 Heidi Van Etten—Reinvestigating the Chronostratigraphy of the Early Paleoindian Components of Hell Gap, Locality 1
- 2:00 Michael Price—Bayesian Reconstruction of Past Demography
- 2:15 G. Logan Miller—Dating the Emergence and Decline of Middle Woodland Blade Technology
- 2:30 Eric Blinman, Marvin Rowe and J. Royce Cox—Plasma Micro-sampling in Radiocarbon Dating: Approaching a Non-destructive Model
- 2:45 Kevin Nolan, Mark Seeman and Mark Hill—Time, Scale, and Community: Hopewell Unzymotic Social Systems
- 3:00 Benjamin Bellorado—Fancy Threads and Tree-Ring Dates: New Chronometric Controls for the Development of Cotton Weaving Technologies and Ritual Textile Production in the San Juan Basin, A.D. 1150–1300
- 3:15 J. Royce Cox, Eric Blinman and Shelby A. Jones-Cervantes—Improving the Effectiveness of Archaeomagnetic Dating in the Southwest
- 3:30 Kat Loftis, Alexander Cherkinsky and Robert Speakman—Evaluating Collagen Pretreatment with XAD Resin

**[75] SYMPOSIUM ■ LANDSCAPES OF WARFARE: A COMPARATIVE PERSPECTIVE****Room:** Maryland A**Time:** 1:00 PM–4:00 PM**Chairs:** Hugo Ikehara Tsukayama and Juan Vargas Ruiz**Participants:**

- 1:00 James Williams—Communities, Violence and Fortification: A Study of Longshan Landscapes
- 1:15 Hernando Giraldo Tenorio—Defensive Landscape and the Naturalization of Social Inequalities in Southwestern Colombia (2200–1800 BP)
- 1:30 Juan Vargas Ruiz—Prehispanic Warfare, Leadership and Demography in the Llanos of the Orinoco, Northern South America
- 1:45 Kerry Nichols—Late Woodland Cultural Adaptations in the Lower Missouri River Valley: Archery, Warfare, and the Rise of Complexity
- 2:00 Hugo Ikehara Tsukayama—Scars of Warfare: Early Fortifications and Politics in Coastal Ancash (Peru)
- 2:15 Weston McCool—Regional Defensive Strategies and Chronic Warfare in the Southern Nasca Region
- 2:30 Tiffany Earley-Spadoni—Fear Written Large: Systematic Warfare and the Ancient Empire of Urartu
- 2:45 Romuald Housse—Beyond the Wall: Defensive Arrangements, Conflicts and Coexistence Inside an Andean Oasis during the Late Intermediate Period (1100–1450 AD)

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- 3:00 Lauren Kohut—Legacies of War: Fortified Landscapes and Political Transformation during the Late Prehispanic in the Colca Valley (Arequipa, Peru)  
 3:15 Igor Chechushkov—Winter Is Coming: Is 'Fortification' Always Fortification?  
 3:30 Elizabeth Arkush—Discussant  
 3:45 Questions and Answers

**[76] SYMPOSIUM ■ EMERGING FROM THE SHADOW OF THE CEIBA: RECENT RESEARCH IN MAYA PALEOETHNOBOTANY**

**Room:** Maryland B

**Time:** 1:00 PM–3:45 PM

**Chairs:** Jessica Devio and Mario Zimmermann

**Participants:**

- 1:00 Mario Zimmermann—Examining the Bread-Basket Model: Puuc Intra and Inter-site Diversity in Plant Foods  
 1:15 Scott Fedick, Gerald Islebe and Louis Santiago—Exploring the Edible Forest: Food Values and Archaeological Visibility of Indigenous Food Plants of the Maya Lowlands  
 1:30 Jessica Devio—Assessing Botanical Diversity of Late-to-Terminal Classic Households at Xunantunich, Belize  
 1:45 Anarrubenia Capellin Ortega—Investigating Ancient Maya Foodways in the Copan Valley, Honduras: Macrobotanical Analysis from Late Classic to Postclassic Middens in the Rio Amarillo East Pocket  
 2:00 David L. Lentz, Nicholas Dunning and Vernon Scarborough—Agriculture, Land Management and Expressions of Elite Control at the Ancient Maya City of Tikal  
 2:15 Sebastian Salgado-Flores—Prey Choice and Politics: Modelling Postclassic Maya Wood Selection at La Punta, Chiapas, Mexico  
 2:30 Rebecca Friedel and M. Kathryn Brown—Communing with the Gods: The Paleoethnobotany of Fire Rituals  
 2:45 Cameron L. McNeil—Capturing the Fragrance of Ancient Copan Rituals: Floral Remains from Maya Tombs and Temples  
 3:00 Mallory Melton—Towards a Social Paleoethnobotany of Urbanization: Integrating Macrobotanical and Microbotanical Data to Explore Foodways at La Blanca, Guatemala  
 3:15 Shanti Morell-Hart—Discussant  
 3:30 Questions and Answers

**[77] GENERAL SESSION ■ ARCHAEOOMETRY AND MATERIALS ANALYSIS**

**Room:** Thurgood Marshall Ballroom East

**Time:** 1:00 PM–4:00 PM

**Chair:** Zuzana Chovanec

**Participants:**

- 1:00 Rebecca Bartusewich—Pottery Production at Idalion, Cyprus: Investigating First Millennium BCE Politics and Culture through Ceramic Petrography  
 1:15 Kimberly Foecke, Douglas Meier, Edward Vicenzi, Russell Graham and Adam Creuziger—Microanalysis of Taphonomic Alteration on Skeletal Material - A Novel Approach to Identifying Damaging Sulfur Compounds  
 1:30 Elisandro Garza—*Spondylus* Shells in Pre-Columbian Copan: Their Religious and Economic Significance  
 1:45 Caroline Solazzo and Jean Soulat—The Trade of Tortoiseshell between the Caribbean and Europe during the 17th–18th Centuries: An Archaeological and Biomolecular Approach

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- 2:00 Karine Tache and Roland Tremblay—A Taste for Fish among the Saint Lawrence Iroquoians of the Montreal Region
- 2:15 Mia Carey—Artifacts Addicts Anonymous: The Road to Recovery from Negative Data
- 2:30 Robert H. Tykot and Andrea Vianello—Prehistoric Obsidian Use in Southern Italy: Primary Acquisition and Down-the-Line Exchange in Calabria, Basilicata, and Campania
- 2:45 Nathaniel Kitchel and Heather Rockwell—Paleoindian Archaeology in the Munsungun Lake Region: Beyond Norway Bluff
- 3:00 Michael Mlyniec, Roger Doonan, Duško Šljivar, Yvette Marks and Sarah MacKinnon—Experimental Reconstructed Vinča Gradac Phase Copper Smelting
- 3:15 Timothy Dennehy, Christopher Merriman and Keith M. Prufer—Lithic Technological Changes from the Paleoindian to the Late Archaic: A Pilot Study
- 3:30 Lee Drake—An Open-Source Calibration Framework for XRF
- 3:45 Zuzana Chovanec—The Organic Residue Analysis from the Early Bronze Age Site of Sotira Kaminoudhia in Cyprus

**[78] SYMPOSIUM ■ MARINE ARCHAEOLOGY: RETROSPECTIVE/PROSPECTIVE**

**Room:** Delaware B

**Time:** 1:00 PM–4:15 PM

**Chair:** Rob Rondeau

**Participants:**

- 1:00 Della Scott-Ireton, Jeffrey Moates and Nicole Grinnan—SSEAS of Change: Sport Divers, Heritage Monitoring, and the Future of Submerged Resources Management
- 1:15 Alexis Catsambis—Preserving the U.S. Navy's Sunken Military Craft: Transcending Time and Space
- 1:30 Akatsuki Takahashi—Underwater Cultural Heritage Protection and Management in Pacific Island States
- 1:45 Madeline Fowler—The Indigenisation of Maritime Archaeology
- 2:00 Rob Rondeau—Archaeological Geovisualization Underwater
- 2:15 Mark Fissel—Marine Archaeology's Influence on Interpretations of Early Modern Warfare, 1975–2020
- 2:30 Ben Ford—Public Engagement through Maritime Landscapes
- 2:45 James Delgado—Telepresence Enabled Maritime Archaeology
- 3:00 Hilde Vangstad—Man and Machine – New Methods for Excavation, Documentation and Reconstruction of 29 Medieval and Renaissance Boat Wrecks from Oslo Harbour, Norway
- 3:15 Jorge Freire—The Future of Maritime Archaeology of Portugal: The Strategy for Socialization and Education. The Example of Cascais
- 3:30 Michael Waters and Jessi Halligan—Page-Ladson and Submerged Late Pleistocene Sites along the Aucilla River, Florida, and their Importance to First Americans Archaeology
- 3:45 Nia Ridwan—The Development of Marine Archaeology in Indonesia and Southeast Asia Region and the Current State of Underwater Heritage Preservation and Management
- 4:00 Amanda Evans and Matthew Keith—Submerged Landscapes and Shipwrecks: The Fractioning of Marine Archaeology(?)

Thursday Afternoon, April 12**[79] SYMPOSIUM ■ PAPERS IN HONOR OF DENNIS STANFORD****Room:** Washington Room 4**Time:** 1:00 PM–4:15 PM**Chair:** E. James Dixon**Participants:**

- 1:00 William Fitzhugh—Shock and Awe: An Insider's View of the "Stanford Phenomenon"
- 1:15 E. James Dixon—Dennis Stanford: The Alaska Years and Beyond
- 1:30 Margaret Jodry—Listening to One Another: Contributions of Indigenous People to the Life and Research of Dennis Stanford
- 1:45 Gary Haynes—Elephant-Hunting with D. Stanford
- 2:00 Russell Graham, Dennis Stanford, E. James Dixon and Thomas W. Stafford Jr.—Paleoecology of the Late Pleistocene Fauna from the Lamb Spring Site, Colorado
- 2:15 Bonnie Pitblado—Dr. Dennis J. Stanford: A Legacy of Research in Colorado Paleoindian Archaeology
- 2:30 Questions and Answers
- 2:45 Loren Davis, Alexander Nyers, Jillian Maloney, Neal Driscoll and Shannon Klotsko—Searching Oregon's Outer Continental Shelf for Submerged First Americans Sites: Theory, Methods, and Recent Discoveries
- 3:00 Darrin Lowery—A Chesapeake Bay Paleoindian Legacy: Marine Transgression, Shoreline Erosion, and Archaeology
- 3:15 Ciprian Ardelean—The Chiquihuite Cave in Zacatecas, Mexico: Cultural Components, Lithic Industry and the Role of This Pleistocene Site in the Peopling of America
- 3:30 Tom Dillehay—Dennis Stanford's Legacy in Latin America
- 3:45 Michael Collins—Dennis Stanford at SI: The Man, The Place, The Career
- 4:00 Bruce Bradley—Legends of the Dinsmore Hilton

**[80] SYMPOSIUM ■ THE FLEXIBLE MAYA CITY: ATTRACTION, CONTRACTION, AND PLANNING IN CLASSIC URBAN DYNAMICS****Room:** Maryland C**Time:** 1:00 PM–4:15 PM**Chairs:** Damien Marken and Marie Arnaud**Participants:**

- 1:00 Damien Marken and Charlotte Arnaud—Classic Maya Urban Settlement Dynamics: Planning and Mobility Introduced
- 1:15 Daniela Triadan and Takeshi Inomata—The Roots of Urbanization: Early Middle Preclassic Transformations to a Sedentary Lifestyle at Ceibal, Guatemala
- 1:30 Thomas Garrison—Living in a Contested Landscape: Adapting Settlement Decisions in the Buenavista Valley, Peten, Guatemala
- 1:45 Philippe Nondédéo, Eva Lemonnier, Julien Hiquet, Louise Purdue and Cyril Castanet—Settlement Pattern and Land Use Dynamics at Naachtun: Shaping an Agrarian Maya Town
- 2:00 Timothy Murtha—Livelihoods and Opportunities: Household, Land Use and Landscape Change at Tikal
- 2:15 Benjamin Vis—An Inhabitant's Perspective of Material Urban Structure at Chunchucmil
- 2:30 Julien Hiquet, Julien Sion and Divina Perla-Barrera—Households, Growth, Contraction, and Mobility at the Classic Maya Center of Naachtun
- 2:45 Elsa Menéndez, Damien Marken and Keith Eppich—Late-Terminal Classic Community Mobility and Migration at El Perú-Waka'

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- 3:00 T. Manahan—Household Resilience, Political Collapse, and Community Transformation: Late-Terminal Classic Transition of the Ancient Maya Center of Xuenkal  
 3:15 Timothy Hare—Walking through Mayapán  
 3:30 Marie Arnauld—Discussant  
 3:45 John Walker—Discussant  
 4:00 Monica L. Smith—Discussant

**[81] GENERAL SESSION ■ SOUTHEASTERN NORTH AMERICA FROM PREHISTORY TO THE CONTACT PERIOD**

**Room:** Marriott Salon 3

**Time:** 1:00 PM–4:15 PM

**Chair:** Rebecca Bulp

**Participants:**

- 1:00 William Hranicky and Jack Hranicky—Paleoamerican Archaeology in Virginia  
 1:30 Alexander Craib—Dalton Mobility in the Tennessee River Valley: An Assessment of Raw Material Use and Tool Curation  
 1:45 Lindsay Bloch, Neill Wallis and George Kamenov—Analysis of Surface Treatments on Weeden Island Red Vessels via LA-ICP-MS  
 2:00 Christina Sampson—Late Pre-Columbian Craft and Community at the Weeden Island Site (8Pi1)  
 2:15 Amanda Hall—Uncovering the Mystery of the Lamar-like Clay Objects  
 2:30 Juliet Morrow, J. Christopher Gillam and Brandy Dacus—Paleoindians of Arkansas: From the Mountains to the Mississippi of the Interior Southeast  
 2:45 Katherine Jones, Ashley Smallwood, Thomas Jennings, Jerald Ledbetter and Charlotte Pevny—Paleoindian and Early Archaic Southeast: Twenty Years of Georgia Archaeology  
 3:00 Dawn Rutecki—Movement and Places Between: The Power of Raccoons  
 3:15 Alice Muntz—Understanding Manifestations of Public Ritual in Late Mississippian Pottery: A Comparison of Millstone Bluff and Dillow's Ridge Ceramic Assemblages  
 3:30 Cameron Howell—Ritual Circuits and the Distribution of Exotic Sherds in Hopewell Contexts  
 3:45 Erik Porth—A Re-evaluation of Moundville's Collapse  
 4:00 Rebecca Bulp—Put What? in Your Pipe and Smoke It

**[82] SYMPOSIUM ■ SOCIOPOLITICAL INTEGRATION IN PREHISPANIC NEIGHBORHOODS: COMPARATIVE PERSPECTIVES**

*(Sponsored by Center for Comparative Archaeology—University of Pittsburgh)*

**Room:** Lincoln 4

**Time:** 1:00 PM–4:30 PM

**Chairs:** Gabriela Cervantes and John Walden

**Participants:**

- 1:00 Matthew Helmer and David Chicoine—Variations in Settlement Patterns and Neighborhood Organization in Early Horizon Peru  
 1:15 Lacey Carpenter—Neighborhood Organization in Early States: Exploring Spatial Variability at El Palenque  
 1:30 Jacob Welch and Scott Hutson—Neighborhoods and the Constitution of Authority  
 1:45 Adrian Chase—Understanding Infrastructural Power, Collective Action, and Urban Form: Situating Neighborhoods and Districts at Caracol, Belize

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- 2:00 Gabriela Cervantes—The Sican Capital: Neighborhoods and Urban Organization in Pre-Columbian Peru
- 2:15 Amy Thompson, Jillian Jordan and Keith M. Prufer—Household Distributions and Social Organization of the Ancient Maya in Southern Belize
- 2:30 David Pacifico and Melissa Vogel—Neighborhoods and Urban Political Organization at El Purgatorio, Peru ca. AD 700–1400
- 2:45 John Walden, Michael Biggie, Kyle Shaw-Müller, Anais Levin and Rafael Guerra—Neighborhood Integration in Low Density Cities Which Follow a Divergent ('Outside-In') Urban Trajectory
- 3:00 Robyn Cutright and Carlos Osores Mendives—A Tale of Two Cities?: Neighborhood Identity and Integration at Ventanillas
- 3:15 Kristin Landau—The Dynamics of State Integration: A Neighborhood Perspective from San Lucas, Copán, Honduras
- 3:30 Shawn Morton and Meaghan Peuramaki-Brown—Spatial Structure and Ancient Neighbourhoods: A Re-evaluation of Methods and Interpretations at Teotihuacan, Mexico
- 3:45 Donna Nash—Cerro Mejía: A Wari Community Divided?
- 4:00 Jerry D. Moore—Discussant
- 4:15 Scott Hutson—Discussant

**[83] SYMPOSIUM ■ BEYOND CENTRALITY: BRIDGING NETWORK APPROACHES THROUGH ARCHAEOLOGICAL NARRATIVES**

**Room:** Delaware A

**Time:** 1:00 PM–4:30 PM

**Chairs:** Barbara Mills and Stefani Crabtree

**Participants:**

- 1:00 Adam Rorabaugh—Precontact Coast Salish Seasonality in Social Networks: A Modeling Approach
- 1:15 Matt Peeples, Barbara Mills and Jeffery Clark—The Risks and Rewards of Network Position in the Chaco World
- 1:30 Erik Gjesfeld, William Brown and Ben Fitzhugh—A Probabilistic Approach to Constructing Networks in the Kuril Islands
- 1:45 Kathryn Harris—Lithics and the Late Prehistoric: Networks and Interaction on the Southeastern Columbia Plateau
- 2:00 Claudine Gravel-Miguel—Taught or Copied? Using 2-Mode Network Visualization to Distinguish between the Two
- 2:15 Fiona Coward—'All things being equal'? Multiplex Material Networks of the Early Neolithic in the Near East
- 2:30 Questions and Answers
- 2:45 Stefani Crabtree—Using Food Web Models to Examine Desert Networks in the American Southwest and Western Australia
- 3:00 Mark Golitko, James Zimmer-Dauphinee and John Edward Terrell—A Dagger to the Heart? Testing Assumptions of Archaeological Network Analysis with New Guinean Ethnographic Collections
- 3:15 Jacob Lulewicz—Multilayer Networks and Relational Plurality: The Scales and Sources of Social Capital across Southern Appalachia, A.D. 1150–1350
- 3:30 Lewis Borck, Corinne L. Hofman, Manfred Schäfer, Angus A. A. Mol and Daniel Weidele—Fingerprints of Community: Decolonizing Archaeological Data Analysis through Networks
- 3:45 Anna Collar—Going Deeper: Can We Use Network Approaches to Reconstruct Memory, Meaning and Emotion?
- 4:00 Jennifer Dunne—Discussant
- 4:15 Carl Knappett—Discussant

Thursday Afternoon, April 12**[84] SYMPOSIUM ■ SHELL MIDDENS: FORMATION, FUNCTION, SURVEY, AND ENDANGERED CULTURAL/PALEOENVIRONMENTAL HERITAGE***(Sponsored by GIG)***Room:** Washington Room 3**Time:** 1:00 PM–4:30 PM**Chairs:** Alice R. Kelley and Jacquelynn Miller**Participants:**

- 1:00 Alice R. Kelley—Discussant
- 1:15 Shari Silverman—Geoarchaeology of Lwalb Old Channel One (45KI815), South Park, Seattle, Washington
- 1:30 Philip Kaijankoski, Brian Byrd, Michelle Goman, Jack Meyer and Manuel Palacios-Fest—Sea Level Rise and Shell Mound Inundation within the Islais Creek Estuary, San Francisco, California
- 1:45 Leslie Reeder-Myers and Kathryn Cross—Scallop, Clam, and Oyster: 4500 Years of Shellfish Harvest on the Rappahannock River, Virginia
- 2:00 Thomas Pluckhahn, Kendal Jackson and C. Trevor Duke—In Small Organisms Forgotten: Micro-fauna from Shell Middens at Crystal River (8CI1) and Roberts Island (8CI41) as Potential Proxies for Paleo-climate
- 2:15 Richard Weinstein, Amanda Evans and Jessica Kowalski—Investigating Subsidized and Drowned Shell Middens in Coastal Louisiana: Research at Sites 16SB47 and 16SB153
- 2:30 Questions and Answers
- 2:45 Karen Stevens, Katharine Alexander and Alexander Metz—New Approaches to Old Questions: Current Research Objectives for the Green River Valley Shell Midden Archaic, Kentucky, USA
- 3:00 Emily Blackwood and Kate Pontbriand—Seasonal Analysis of Four Coastal Archaeological Sites in Eastern Maine Using Mollusks
- 3:15 Matthew Betts and Gabriel Hrynick—Introducing COASTAL in Nova Scotia: Community Observation, Assessment, and Salvage of Threatened Archaeological Legacy
- 3:30 Emily Jane Murray and Sarah Miller—Engaging the Public at Shell Middens to Address Climate Change Impacts: Heritage Monitoring Scouts (HMS Florida) at Shell Bluff Landing (8SJ32)
- 3:45 Jacquelynn Miller, Alice R. Kelley, Joseph T. Kelley, Daniel Belknap and Arthur Spiess—Ground-Penetrating Radar as a Rapid Cultural Resource Management Technique for Shell Midden Delineation
- 4:00 Paul Roscoe and Alice R. Kelley—Middens or Monuments? The Shell Middens of Maine and the Construction of Peace
- 4:15 Daniel H. Sandweiss—Discussant

**[85] GENERAL SESSION ■ GLOBAL APPROACHES TO LANDSCAPE ARCHAEOLOGY****Room:** Lincoln 3**Time:** 1:00 PM–4:30 PM**Chair:** Alexander Brown**Participants:**

- 1:00 William Balco, Scott Kirk and Michael J. Kolb—Pixellated Survey: Archaeology at Monte Bonifato, Sicily
- 1:15 Jennifer Huebert and Melinda S. Allen—Arboriculture, Translocated Flora, and Ecological Inheritance in the Marquesas Islands, East Polynesia
- 1:30 Deanna Bailey—Landscape Archaeology & the Irish Chalcolithic – Early Bronze Age: Discovering Termon, Co. Clare, Ireland
- 1:45 Jennifer Shaffer Foster—Healing Places and Objects in Irish Archaeology
- 2:00 Alexander Brown—The Archaeology of Gossip: Delineating the Space of

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- Interpersonal Performance
- 2:15 Justin Reamer—Planting the Empty Spaces: Estimating Field Size from Storage Pits in the Upper Delaware Valley
- 2:30 Sarah Kurnick—Political Authority and the Creation of Wilderness: American National Parks and Mexican Eco-Archaeological Parks
- 2:45 Jean Larmon and Lisa Lucero—Cara Blanca Pool 6: Colonial Logging and the Evolving Landscape
- 3:00 Britta Spaulding—Forgotten or Remembered? Rural-Urban Connections in the Modern and in the Past
- 3:15 Alyssa Scott—Tuberculosis Sanatoriums: Historical Archaeology, Landscape, and Identity
- 3:30 Noa Corcoran Tadd—Landscapes of Mobility in the South-Central Andes: From Chiefly Networks to Colonial Markets (AD 1100–1800)
- 3:45 Jonathan Libbon, Karen Reed, Aidan McCarty, Erica Birkner and Seth Mitchell—From the Hills of Appalachia to the Shores of Lake Erie: Landscape Archaeology in Northern Ohio
- 4:00 Maria Rosa Iovino, Salvatore Chilardi, Güner Coskunsu, Anita Crispino and Giuseppe Sabatino—Lithic Raw Material Procurement and Mobility in a Geological Diversed Environmental Setting in Prehistoric Eastern Sicily
- 4:15 Amy Roache-Fedchenko—Spatial Modeling of 18th Century Blacksmith Shops

**[86] GENERAL SESSION ■ GLOBAL APPROACHES TO PALEOETHNOBOTANY****Room:** Washington Room 2**Time:** 1:00 PM–4:30 PM**Chair:** Virginia Mcrostie**Participants:**

- 1:00 John Staller—High Altitude Maize (*Zea mays* L.) Cultivation in the Lake Titicaca Basin and Endemism
- 1:15 Alex Frey—Tastes of Home: Food Cultures of Roman Britain Auxiliary Soldiers
- 1:30 Lisbeth Louderback, Nicole Herzog, Bruce Pavlik and Tom Dillehay—Re-evaluating the Earliest Evidence for Wild Potato Use in South-Central Chile
- 1:45 Lindi Masur—Food Production in the Borderlands: Paleoethnobotanical Investigations of the Western Basin Tradition in Ontario
- 2:00 Fatemeh Ghaheri—Neo-Assyrian Empire: Agriculture and Agricultural Strategies Based on Phytolith Analyses
- 2:15 Davide Zori, Colleen Zori, Veronica Ikeshoji-Orlati and Deirdre Fulton—Eating and Drinking in the Medieval Castle of San Giuliano (Province of Lazio, Italy)
- 2:30 Jose Garay-Vazquez, Michele Wollstonecroft and Dorian Fuller—“Tell me what you are eating and I tell you who are you”: Differences in Subsistence Systems of Elite and Non-Elite Gamo Society of the Ethiopia Highlands during Historical Times
- 2:45 Christopher Ball—Micro-habitat Production in the Late Woodland Period
- 3:00 Janine Billadello and Anarrubenia Capellin Ortega—Testing Methods of Microbotanical Analysis on Samples from the Copan Valley, Honduras
- 3:15 Cayla Colclasure, Megan Belcher, Jon Russ, Stephen Carmody and Martin Walker—Analyzing Late Woodland Pipe Fragments from the Topper Site (38AL23): Exploring the Botanical, Social, and Ritual Intersections of Smoking
- 3:30 Virginia Mcrostie, Eugenia Gayo, Claudio Latorre, Calogero Santoro and Ricardo De Pol-Holz—Pre-Columbian Introduction of Legume Trees *Prosopis* Algarobia Section and *Geoffroea decorticans* into the Atacama Desert of Northern Chile during the Late Holocene

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- 3:45 Nicole Herzog, Lisbeth Louderback and Bruce Pavlik—Comparing Starch Granules from Wild and Cultivated *Solanum jamesii* to Determine the Effects of Domestication
- 4:00 Rachel Dwyer—Passing the Paleo Drug Test: Testing for Medicinal Plant Use in the Paleoethnobotanical Record
- 4:15 Ann Eberwein—An Examination of Circum-Alpine Lake Dwelling Botanicals at the Milwaukee Public Museum

**[87] SYMPOSIUM ■ THE ARCHAEOLOGY OF CHILDCARE***(Sponsored by Society for the Study of Childhood in the Past)***Room:** Washington Room 1**Time:** 1:00 PM–4:45 PM**Chairs:** Dawn Hadley, Sian Halcrow and Steven Dorland**Participants:**

- 1:00 Roderick B. Salisbury, Katharina Rebay-Salisbury, Doris Pany-Kucera and Julie Dunne—Feeding Vessels in Later European Prehistory
- 1:15 Charlotte King, Sian Halcrow, Andrew Millard, Vivien Standen and Bernardo Arriaza—Interpreting Increments – What Can Isotopic Evidence Tell Us about Care in the Past?
- 1:30 Anne Marie Snoddy, Charlotte King, Vivien Standen, Bernardo Arriaza and Sian Halcrow—Nutritional Stress and the Maternal-Infant Nexus: Insights from Isotopes and Paleopathology in the Ancient Chilean Atacama (ca 9000–1500 BP)
- 1:45 Sandra Wheeler, Lana Williams and Tosha Dupras—Entering the “Valley of Death”: Isotopic Evidence of Vulnerable Survivors at Roman Period Kellis, Egypt
- 2:00 Kathryn Kamp—Parents, Infants and Material Culture
- 2:15 Steven Dorland and Daniel Kwan —Learning through the Children: An Experimental Analysis to Investigate the Relation between Childhood Pottery Making Techniques and Social Learning Strategies
- 2:30 Geoffrey Cunnar and Edward Stoner—Thirty Years On, Considering Kelly’s 1988 “Three Sides of A Biface”, and Why It Matters for Great Basin Archaeology
- 2:45 Katherine Fennelly—Educating Children of the Labouring Poor: Neepsend School and the Industrial City of Sheffield at the End of the Nineteenth Century
- 3:00 Carenza Lewis—Child’s Play? Exploring Archaeological Evidence for Care-Giving in the 19th and 20th Centuries
- 3:15 Katie Hemer—Non-adult Dis/ability and Care in Early Medieval Britain
- 3:30 Charlotte Waller-Cotterhill—Child Disability and Prostheses in Nineteenth-Century Britain
- 3:45 Marion Shiner and Katie Hemer—Concern for the Living, Care for the Dead: Non-adult Burial at the Early Christian Cemetery of St Patrick’s Chapel, Pembrokeshire
- 4:00 Deborah Blom, Kelly J. Knudson, Nicole C. Couture and Carrie Anne Berryman—Caring for Children in the Ancient Andes: Bioarchaeological and Biogeochemical Data from the Andean Middle Horizon (AD 500–1100) Tiwanaku Polity
- 4:15 April Nowell—Life and Death of the Pleistocene Child: Children’s Burials in Gravettian Europe
- 4:30 Sian Halcrow—Discussant

Thursday Afternoon, April 12**[88] GENERAL SESSION ■ BIOARCHAEOLOGY AND FORENSIC ANTHROPOLOGY****Room:** Lincoln 5**Time:** 1:00 PM–4:45 PM**Chair:** Marija Edinborough**Participants:**

- 1:00 Damien Huffer and Shawn Graham—Bioarchaeological Approaches to Investigating Supply, Demand and Authenticity in the Colonial-era Human Remains Trade
- 1:15 Kevin Gidusko, John Schultz and Mason Branscome—Close-Range Photogrammetry Applications in Outdoor Forensic Scene Documentation
- 1:30 C. Scott Speal—Socio-economic Class Status and Health on the Roman Danube: Skeletal Indicators and Mortuary Treatment at Late Antique Viminacium
- 1:45 Jordan Krummel and James Watson—Archaeoethanatomical Analysis of Mortuary Practices in the Prehistoric Sonoran Desert and Implications for Interpreting Sickness through Postmortem Processing
- 2:00 Andrea Vianello and Robert H. Tykot—Mobility in North-eastern Italy between the Late Roman and Byzantine Periods
- 2:15 Yann Ardagna, Emeline Sperandio and Bruno Bizot—The “Provence-Alpes Côte d’Azur” Regional “Human Bone Library”: A Tool for Anthropological Research and for the Preservation of Human Remains
- 2:30 Alexandra Bybee—Historical and Bioarchaeological Investigation of the Evansville State Hospital Cemetery (12VG598), Vanderburgh County, Indiana
- 2:45 Katherine Jackson and Genevieve Mielke—A Comparison of Mock Excavations and Active Case Excavations
- 3:00 Christine France and Haiping Qi—Hydrogen Isotopes in Archaeological Bone Collagen: Potential Combined Influence of Meteoric Water and Protein Intake
- 3:15 Genevieve Mielke—The Battle of the Little Bighorn Gunshot Trauma Analysis: Suicide Prevalence among the Soldiers of the 7th Cavalry
- 3:30 Noemi Procopio, Anna Williams, Andrew Chamberlain and Michael Buckley—Post-mortem Interval and Age-at-Death Estimation through Forensic Proteomics
- 3:45 Marija Edinborough and Kevan Edinborough—Cranial and Dental Pathologies in Mesolithic-Neolithic Inhabitants of the Danube Gorges, Serbia
- 4:00 Lara Noldner and Jennifer Mack—Oneota Burial Practices: A Case Study from the Dixon Site (13WD8)
- 4:15 Jessica Munkittrick and Vaughan Grimes—Exploring Childhood Health through Lead Trace Element and Isotope Analyses: A Case Study of Historic Populations in Newfoundland, Canada
- 4:30 Jennifer Kennedy and D. Andrew Merriwether—Inferences about Class Structure from Burial Form and Mitochondrial DNA Relationships at Tall Šēḥ Ḥamad, Syria

**[89] GENERAL SESSION ■ EXPERIMENTAL ARCHAEOLOGY****Room:** Thurgood Marshall Ballroom South**Time:** 1:00 PM–4:45 PM**Chair:** Yvette Marks**Participants:**

- 1:00 Michelle Bebbler and Michael Wilson—Why Wasn’t the Ceramic Arrowhead Invented?
- 1:15 Rosalind Wallduck and Silvia M. Bello—Cut Marks and Decaying Bodies: An Experimental Study
- 1:30 John Murray, Jacob Harris, Simen Oestmo and Curtis Marean—Using Surface Roughness to Identify Heat Treatment in Lithic Technology
- 1:45 Luke Stroth, Rebekah Truhan and Jacob Foubert—A Change of Hearth: Stages of Production in Hot-Rock Technology at a Late Woodland Rockshelter

Thursday Afternoon, April 12

- 2:00 Yvette Marks and Roger Doonan—Copper Smelting in the Early Bronze Age Aegean
- 2:15 Hilda Lozano Bravo, Jose Luis Ruvalcaba, Ana Maria Soler and Luis Barba—Floors, an Archaeological Material: The Case of the Plaza de la Piramide del Sol, Teotihuacan, Mexico
- 2:30 Kaoru Akoshima—Lithic Micro-wear Traces at Morphological Junctions: Function vs. Typology Reconsidered in Terms of Technological Organizations
- 2:45 Brandi Lee MacDonald, David Stalla, Xiaoqing He and Tommi White—Microanalytical Insights into Pigment Selection and Preparation in British Columbia Rock Art
- 3:00 Katherine Sterner, Robert Ahlrichs, Dan Wendt and Larry Furo—Testing Adaptive Efficiency: A Comparison of the Durability of Stone and Copper Projectile Points
- 3:15 Nicole Bodenstein—Comparing a NextEngine 3D Scanner with Casting Mediums for Making Positives of Cord-Imprinted Pottery
- 3:30 Russell Skowronek, Brandi Reger, James Hinthorne and Juan Gonzalez—pXRF Identification of Prehistoric Lithic Artifact Material, Resource Clusters along the Lower Rio Grande
- 3:45 Theresa Emmerich Kamper—Hide Processing in Prehistory: An Experimental Approach to Prehistoric Tanning Technologies
- 4:00 Naomi L. Martisius, Isabelle Sidéra, Teresa E. Steele, Shannon P. McPherron and Ellen Schulz-Kornas—A New Methodology for Understanding How Bone Wears Using 3D Surface Texture Analysis
- 4:15 Donna Ruhl—Isotopes & Curation: New Lessons Learned from Legacy Waterlogged Wooden Artifacts
- 4:30 Scott Stull—Experimental Archaeology of Medieval Food as Participant Observation

**[90] SYMPOSIUM ■ DISCS, FISH, SQUIRRELS AND SCAT: PAPERS IN HONOR OF WALTER KLIPPEL**

**Room:** Lincoln 6

**Time:** 1:00 PM–5:00 PM

**Chairs:** Meagan Dennison, Jennifer Green and Samantha Upton

**Participants:**

- 1:00 Andrew Bradbury and Philip Carr—Flintknapping Experiments and Middle-Range Theory
- 1:15 Terry Ferguson, Andrew Ivester and Christopher Moore—A Geoarchaeological Investigation of Site Formation Processes and Late Pleistocene and Holocene Environmental Change at the Foxwood Farm Site (38PN35)
- 1:30 Jodi Jacobson—Broken Bones: Taphonomy vs Cultural Modification in North and Central Texas
- 1:45 Joanne Devlin, Lee Jantz and Michelle Hamilton—Beyond the Farm: Forensic Taphonomy in East Tennessee
- 2:00 Jennifer Synstelién and Heli Maijanen—Bone Modification by the American Cockroach
- 2:15 Jack Hofman and Barbara Crable—Cultural, Taphonomic, and Biogeographic Considerations of Black Footed Ferret at the Burntwood Creek Bison Kill Site, Central High Plains, USA
- 2:30 Kenneth Cannon—Ecology of Bison in the Greater Yellowstone Ecosystem
- 2:45 Bruce Manzano, Thomas Royster, Bernard Means, George Crothers and Robert Selden Jr.—Faunal Identification Using 3D Scanning
- 3:00 Jan Simek and Alan Cressler—Sacred Animal Images in Precontact Southeastern Rock Art

Thursday Afternoon, April 12

- 3:15 Haskel Greenfield, Justin Lev-Tov, Ann Killebrew and Annie Brown—Sacrificing and Eating Dogs in the Ancient Eastern Mediterranean World
- 3:30 Timothy Baumann, Charles Faulkner and Heather Woods—The Diet and Identity of Enslaved African Americans in the Upper South
- 3:45 Sean Coughlin and Kelly Sellers Wittie—Feeding New Orleans: Where's The Pork?
- 4:00 Judith Sichler—Provisioned and Caught: Historic Perspectives on Diet in the Danish West Indies
- 4:15 Gerald Schroedl, Callie Bennett, Ann Ramsey and Todd Ahlman—Historical and Archaeological Contexts for Zooarchaeological Analyses at Brimstone Hill Fortress, St. Kitts, West Indies
- 4:30 Bonnie Styles—Discussant
- 4:45 R. McMillan—Discussant

**[91] POSTER SESSION ■ STRONG CURRENTS IN GILA BASIN RESEARCH****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Chairs:** Karen Schollmeyer and Jeffery Clark**Participants:**

- 91-a Patricia Gilman and Jakob Sedig—Similarities and Differences Between Upper Gila and Mimbres Valley Ceramics in Southwestern New Mexico
- 91-b Sophia Draznin-Nagy and Jeffery Clark—Pigment and Clay Variation in Polychrome Ceramics
- 91-c Robert Gardner and Robert Hard—Creating 3D Models of Artifacts and Features using Photogrammetry
- 91-d Jonathan Schaefer and Leslie Aragon—Regional Influences on Cliff Phase Ground Stone in the Upper Gila Area
- 91-e Susannah Johnson and Karen Schollmeyer—Gaming Pieces in the US Southwest
- 91-f Mary Whisenhunt, Kristin Corl, John Whisenhunt, Robert Hard and John Roney—Archaeological Survey in Southeastern Arizona: Partnering with Landowners and Local Informants
- 91-g Taylor Picard and Evan Giomi—Analysis of Settlement Patterns near the Big Burro Mountains
- 91-h Lori Barkwill Love—The Social History of Mogollon Village: A Bayesian Approach
- 91-i Andrea Crawley, Fumiyasu Arakawa, Jared Cicchetti and Garrett Leittermann—Classic Mimbres Phase Archaeology: A Contrastive Study of Two Sites at the Headwaters of the Upper Gila River
- 91-j Christopher Turnbow and Robert Forrester—The X SX Ranch Site: Excavations of a Late Classic Mimbres to Early Post Classic Pueblo in the Upper Gila Forks, New Mexico
- 91-k Stephen Uzzle and Karen Schollmeyer—Insights into the Salado Phenomenon from the Gila River Farm Site
- 91-l Karen Schollmeyer—Strange Birds: Avian Remains in the Upper Gila and Mimbres Drainages
- 91-m Leslie Aragon—Identity and Ideology in the Hohokam Ballcourt World
- 91-n Aaron Wright, John Jones, Todd Bostwick and Arleyn Simon—Hohokam Dry Farming along the South Mountains Bajada, South-Central Arizona
- 91-o Ashley Huntley, Jon-Paul McCool, Nicholas Dunning, Samantha Fladd and Vernon Scarborough—Reassessing Agricultural Potential in Chaco Canyon: Exploring the Link between Soil Salinity and Soil Texture

Thursday Afternoon, April 12**[92] POSTER SESSION ■ THE GREAT BASIN BEFORE 9000 BP****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Chairs:** Brian Coddington and David Zeanah**Participants:**

- 92-a Geoffrey Smith and Derek Reaux—Western Stemmed Tradition Projectile Technology and Raw Material Use in Guano Valley, Oregon
- 92-b Derek Reaux and Geoffrey Smith—The Paleoindian Archaeology of Guano Valley, Oregon
- 92-c Paul Allgaier and Brian Coddington—Prearchaic Settlement Decisions in the Great Basin
- 92-d Katelyn Mohr—Late Pleistocene and Early Holocene Lake-Level Fluctuations in the Lahontan Basin, Nevada: An Expanded Approach
- 92-e Sophia Jamaldin—Paleoindian Cave and Rockshelter Use in the Fort Rock Basin, Oregon
- 92-f Daron Duke and D. Craig Young—The Dated Paleoindian Archaeology of the Old River Bed Delta
- 92-g Erik Martin, Daron Duke and Andrew J. Hoskins—Trends in Paleoindian Projectile Point Technology during the Pleistocene-Holocene Transition at the Old River Bed Delta, UT
- 92-h Nicole George—A Geochemical Analysis of Concave Base and Western Stemmed Tradition Projectile Points in Southeastern Oregon
- 92-i David Zeanah, Douglas Bird, Rebecca Bliege Bird, Brian Coddington and Robert Elston—Understanding Prearchaic Mobility and Settlement Patterns: The Role of Theory, Models, and Ethnographic Analogies
- 92-j Khori Newlander—Using Lithic Conveyance to Reconstruct Paleoindian Cultural Landscapes in the Great Basin
- 92-k Jesse Adams and Danny Mullins—Paleoarchaic Occupations in the Eastern Great Basin: The Beast and Paleolandscapes in West Central Utah
- 92-l Robert Elston, Gloria Brown, Ryan Bradshaw, Martijn Kuypers and David Zeanah—Evaluating a Stratified, Prearchaic, Open-Air Site in Grass Valley, Nevada
- 92-m Ryan Bradshaw, Martijn Kuypers, David Zeanah and Robert Elston—Technological Organization of Two Prearchaic Sites in Grass Valley, Nevada
- 92-n Kenneth Vernon, Kate Magargal, D. Craig Young, David Zeanah and Brian Coddington—Prearchaic Land Use in Grass Valley, NV: A Novel Statistical Implementation of Optimal Distribution Models

**[93] POSTER SESSION ■ DESARROLLO POBLACIONAL, PRODUCCIÓN, APROVECHAMIENTO Y COSMOVISIÓN EN LAS ZONAS VOLCÁNICAS DE LA COSTA DEL GOLFO****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Chairs:** Gibrán Becerra and Lourdes Budar**Participants:**

- 93-a Gibrán Becerra and Lourdes Budar—Habitar en los bordes, ocupación Clásica en lomeríos y crestas montañosas al oriente de los volcanes de Los Tuxtlas
- 93-b Juan De La Peña Paredes and Yamile Lira-Lopez —La sociedad prehispánica del valle intermontano de Maltrata, Veracruz: Desarrollo poblacional, aprovechamiento y cosmovisión
- 93-c Xochitl Leon Estrada—Paisajes, recursos y su aprovechamiento en Los Tuxtlas, Veracruz, Mexico
- 93-d Mariela Viridiana Madrid González—El diseño de la actividad. La relación de los petrograbados y los talleres de lítica en la Costa este de Los Tuxtlas

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- 93-e Mauricio Cuevas and Lourdes Budar—Agua dulce, Agua salada. Diferenciación de actividades pesqueras en el sistema portuario de la costa este de Los Tuxtlas
- 93-f Marimar Becerra Alvarez—Paisajes aprovechados y causes modificados en el sistema portuario de la costa este de Los Tuxtlas, Veracruz

**[94] POSTER SESSION ■ ARCHAEOLOGY AND ACTIVE LEARNING: THERE'S NO NEED TO REINVENT THE WHEEL**

*(Sponsored by SAA Committee on Curriculum)*

**Room:** Exhibit Hall B South

**Time:** 2:00 PM–4:00 PM

**Chairs:** Philip Carr and Leah McCurdy

**Participants:**

- 94-a Philip Carr, Julie Estis and Cecelia Martin—Team-Based Learning in AN 101: Introduction to Archaeology & Biological Anthropology
- 94-b Erin Halstad McGuire—Cultivating Curiosity: Experimental Archaeology in Undergraduate Courses
- 94-c Joanne Minerbi and Elisabeth Raeshide—Making Stone Tools to Connect with Past People: A Case Study in Active Learning about Lithics with the Fernandeano Tataviam Band of Mission Indians
- 94-d Amy Gatenbee and Thomas Pluckhahn—Making Theory Fun: Combining Archaeological Theory with Active Learning Exercises in Teaching North American Prehistory
- 94-e Emily Sharp—Confronting Popular Perceptions of a Violent Past: Active Learning Strategies for a Large Introduction to Archaeology Course
- 94-f F. Scott Worman—Risk and Failure in the Classroom: Exploration, Scholarship, and Active Learning
- 94-g Rebecca Wiewel—Making Active Learning Practical
- 94-h Kandace Hollenbach—The Volunteer Spirit: "Archaeology Volunteer Day" at the Archaeological Research Laboratory at UT-Knoxville
- 94-i A. Gwynn Henderson, Linda S. Levstik, M. Jay Stottman and Janie-Rice Brother—Investigating a Shotgun House: "Who Knew Shelter Was So Emotionally Charged?"
- 94-j Jayur Mehta—Cultivating Archaeology through Project-Based Learning

**[95] POSTER SESSION ■ CERAMIC PETROGRAPHERS IN THE AMERICAS: PROMOTING THE ADVANCEMENT AND APPLICATION OF PETROGRAPHY IN ARCHAEOLOGY**

**Room:** Exhibit Hall B South

**Time:** 2:00 PM–4:00 PM

**Chair:** Andrea Torvinen

**Participants:**

- 95-a Yukiko Tonoike and Andrea Torvinen —Ceramic Petrographers in the Americas: An Introduction to Our Mission and Goals
- 95-b Andrea Torvinen—Defining Petrographic Fabrics among Regional Wares at La Quemada, Zacatecas, Mexico
- 95-c Suzanne Eckert and Deborah Huntley—At a Crossroads: 300 years of Pottery Production and Exchange at Goat Spring Pueblo, NM
- 95-d Kari Schleher, Emma Britton, Donna Glowacki, Jeffrey R. Ferguson and Robin Lyle—Pottery Production at the Dillard Site: An Early Basketmaker III Community Center in the Central Mesa Verde Region
- 95-e David Hill—Exploring the Interaction of Culture and Technology in the Acoma Culture Province

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- 95-f John Lawrence, Cathy Costin, Kathleen Marsaglia, Michael Love and Hector Neff—Petrography, Production, and Provenance of Ceramics from La Blanca, Guatemala
- 95-g Anabel Ford, Linda Howie and Josh Inga—Recipe for Daub? A Comparative Petrographic Study of a Common Construction Component in the Maya Area
- 95-h Linda Howie, Jillian Jordan and Heather McKillop—Mineralogy without Minerals: A Proposed Methodology for Reconstructing the Original Compositions of Highly Altered Ceramic Bodies Using Thin Section Petrography
- 95-i Francisco Sanchez-Tornero—The Use of White Engobe in the Formative Ceramics in Ojo de Agua Spring from San Antonio La Isla, Toluca Valley, Mexico
- 95-j Veronica Acevedo—Tecnología cerámica, análisis petrográfico y técnicas arqueométricas en cerámicas policromas de las fronteras de Quebrada de Humahuaca, Jujuy, Argentina
- 95-k C. Trevor Duke, Neill Wallis and Ann Cordell—Mortuary Spaces as Social Power: Ceramic Exchange and Burial Practice at Safford Mound (8PI3)
- 95-l Ann Cordell, Neill Wallis and Thomas Pluckhahn—Ceramic Petrography of Woodland Period Swift Creek Complicated Stamped Pottery in Florida and the Lower Southeastern United States
- 95-m Zackary Gilmore and Kenneth Sassaman—Clay Resource Variability and Stallings Pottery Provenance along the Savannah and Ogeechee Rivers
- 95-n Daniel Ionico—The Recipes of Disaster in Northern Iroquoia: Integrating Digital Image Analysis into Petrographic Practice
- 95-o Sarah Striker—Applications of Microscopy and Thin Section Petrography in Iroquoian Ceramic Analysis
- 95-p Vince Van Thienen—Rethinking Migration and Mobility in the Late Roman West with Ceramic Petrography

**[96] FORUM ■ BEARS EARS, THE ANTIQUITIES ACT, AND THE STATUS OF OUR NATIONAL MONUMENTS**

*(SAA President-Sponsored Session)*

**Room:** Marriott Salon 2

**Time:** 3:00 PM–5:00 PM

**Moderator:** William Doelle

**Participants:**

Francis McManamon—Discussant  
 Bruce Babbitt—Discussant  
 Carleton Bowekaty—Discussant  
 Willie Grayeyes—Discussant  
 Josh Ewing—Discussant  
 Barbara Pahl—Discussant  
 Lyle Balenquah—Discussant  
 William Lipe—Discussant  
 R. E. Burrillo—Discussant  
 Benjamin Bellorado—Discussant

Thursday Afternoon, April 12**[97] SYMPOSIUM ■ ADVANCES IN BIOMOLECULAR ARCHAEOLOGY****Room:** Park Tower Suite 8222**Time:** 3:45 PM–5:00 PM**Chair:** Meradeth Snow**Participants:**

- 3:45 Kyle Waller, José Luis Punzo Díaz, Ana Morales-Arce, Meradeth Snow and Miguel Vallebuena—Ancient DNA Investigations of Possible Casas Grandes – Chalchihuites Interactions
- 4:00 Rachel Summers, Meradeth Snow, Joshua Sackett and Duane Moser—Microbial Communities from Soil and Coprolites
- 4:15 Meradeth Snow and Ana Morales-Arce—Genetic Identity and Relationships in the Southwest United States and Mexico
- 4:30 Jakob Sedig—An Archaeologist Amongst Geneticists: Overview of My Experiences as an Archaeologist in an Ancient DNA Laboratory
- 4:45 Clare Super, Meradeth Snow, Anna Prentiss, Ethan Ryan and Nathan Goodale—Ancient DNA Analysis from Micro-fractures in Bridge River Stone Tools

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## POSTERS AFTER HOURS: POSTER SESSIONS 98–106

**[98] POSTER SESSION ■ EUROPEAN ARCHAEOLOGY: SCOTLAND AND IRELAND****Room:** Exhibit Hall B South**Time:** 5:00 PM–7:00 PM**Participants:**

- 98-a Arabella Goodrich and Olivia Navarro-Farr—Rooms in Rome: Production, Function, and Conservation of Ancient Roman Mosaics and Frescoes
- 98-b D'aundra Lewis—Scottish Whisky: A Community's Development and Global Impact
- 98-c Erin McDonald—Peopling the Landscape: The Pollen Record and Nomadic Pastoralism in Iron Age Ireland
- 98-d Rebekah Mills—All in the Family: Using Archeology and Genealogy to Construct a Historical Narrative
- 98-e Samuel Connell, Kathryn Maurer, Chad Gifford and Niall Brady—Castles in Communities Ireland Field Program

**[99] POSTER SESSION ■ AFRICAN PALAEOLITHIC STUDIES****Room:** Exhibit Hall B South**Time:** 5:00 PM–7:00 PM**Participants:**

- 99-a Hannah Keller and Naomi E. Cleghorn—The Fauna of KEH-1 (South Africa) A Middle and Later Stone Age Site: A Pilot Study
- 99-b Lorraine Hu, Fiona Marshall, Henry Saitabau, Angela Kabiru and Stanley Ambrose—Pastoral Neolithic Mortuary Site Sedimentology at Noomparrua Nkosesia, Kenya
- 99-c Sarah Seeley, Jonathan Reeves, Matthew Douglas and David R. Braun—Lithic Taphonomy and Digital Hydrogeologic Models: A GIS Based Approach to Understanding the Formational History of Surface Assemblages
- 99-d Angelina Curley, Sylvia Wemanya, Emmanuel Ndiema, Jonathan Reeves and David R. Braun—Quantifying Basalt Artifact Weathering and Depositional Context: Insights from the Koobi Fora Formation, Kenya
- 99-e Emily Phillips, Jonathan Reeves, Matthew Douglass and David R. Braun—Taphonomic Comparisons of Stone Tool Transport: Surface vs. Excavated Collections
- 99-f Stephen Merritt, Monica Avilez and Jonathan Reeves—Bone Preservation, Specimen Identifiability, and Outcrop Shape – A Preliminary Investigation of Early Pleistocene Taphonomy at Koobi Fora, Kenya
- 99-g Sarah Simeonoff, Curtis W. Marean and Jamie Hodgkins—Zooarchaeological Analysis of a Late Pleistocene Interglacial-Glacial Transition at Pinnacle Point Site 5-6, South Africa

Thursday Evening, April 12**[100] POSTER SESSION ■ NEW DIRECTIONS IN INCA ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 5:00 PM–7:00 PM**Chairs:** Sonia Alconini and R. Alan Covey**Participants:**

- 100-a Amanda Aland and Kylie Quave—From Heartland to Province: Assessing Inca Political Economy through Material Culture Signatures
- 100-b Colleen Zori—Mining, Extractive Metallurgy and Imperialism in the Inka Empire
- 100-c R. Alan Covey—Rethinking Inca Social Power in the Imperial Heartland (Cuzco, Peru)
- 100-d Brian Bauer and Matthew Piscitelli—Mapping the Cuzco Ceque System
- 100-e Nicole Payntar, Julia Earle, Camille Weinberg and R. Alan Covey—Foreign Travel and the Development of Inca Archaeology in Cuzco, Peru
- 100-f Alexander Menaker—The Inka Empire in the Valley of Volcanoes, Southern Peruvian Andes
- 100-g Adam Birge—Movement, Inca Ceques and the Sajama Lines of Bolivia
- 100-h Francisco Garrido and Diego Salazar—The Diversity of Mining Infrastructure and Organization in the Southern Provinces of the Inca Empire
- 100-i Sofia Chacaltana Cortez—A Local Perspective of Inca Imperial Influence in Coastal Colesuyo of the Southern Andes
- 100-j Jordan Dalton and Paula Patricia Moreno Zapata—Exploring Local and Imperial Strategies in the Chinchá Valley
- 100-k Sarah Baitzel and Arturo Rivera—In the Land of Llamas and Aji: New Insights into the Late Horizon Inca Occupation of the Middle Sama Valley, Southern Peru
- 100-l Tamara Bray, Leah Minc and Sergio Chavez—Recent Research in Copacabana, Bolivia, the Intinkala Sector
- 100-m Melissa Murphy—Colonial Demography and Bioarchaeology
- 100-n Calogero Santoro and Mauricio Uribe—Inca Imperial Colonization and Ethnicity of Northern Chile
- 100-o Brandon Gay and Paul Goldstein—A Sense of Place: A GIS Study of Late Intermediate Period and Inca Settlement Patterns in Moquegua Peru
- 100-p Sonia Alconini—To the East of the Titicaca Basin: The Yunga-Kallawayas and the Inka Frontier

**[101] POSTER SESSION ■ A BEER IN THE HAND IS BETTER WITH AN OCULUS RIFT ON THE FACE: A MULTIMEDIA “POSTERS AFTER-HOURS” SESSION FEATURING HANDS-ON INTERACTIVE STATIONS AND IMMERSIVE VIRTUAL REALITY TECHNOLOGIES**

*(Sponsored by SAA Digital Data Interest Group [DDIG])***Room:** Exhibit Hall B South**Time:** 5:00 PM–7:00 PM**Chairs:** Cameron S. Griffith and Joshua J. Wells**Participants:**

- 101-a Gabriel Wrobel—The Maya Cranial Photogrammetry Project
- 101-b Guy Duke, Sarah Rowe and Brandi Reger—Figuring Things Out: 3D Models of Valdivia Figurines for Research and Outreach
- 101-c Andrés Mejía Ramón, Christian John, Jessica Munson and Christopher Morehart—Repurposing Scale in Three Mesoamerican Centers: Landscape Archaeology and High-Resolution 3D Modeling at Teotihuacan, Altar de Sacrificios, and Los Mogotes
- 101-d Kelsey Sullivan, Britton L. Shepardson, Mario Tuki, Paula Valenzuela Contreras and Francisco Torres Hochstetter—Education, Conservation, and Research on Easter Island through Three-Dimensional Photogrammetry

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- 101-e Cameron S. Griffith—3D Scanning the Virgin Mary in the Toast: Using Handheld Digital Imaging Technologies to Explode the Myth of Pareidolic Illusions in the Ancient Maya Underworld
- 101-f Laura Scheiber and Kirsten Hawley—A Picture Is Worth a Thousand Words: Reading the Past and (Digital) Interpretation in the 21st Century, a Case Study from the Bighorn Basin, Wyoming
- 101-g Jiawei Huang, Claire Ebert, Jan Oliver Wallgrün, Jaime Awe and Alexander Klippel—Immersive Augmented and Virtual Reality for Archeological Sites Exploration and Analysis
- 101-h Alexander Nyers, Loren Davis and Danial Bean—How Good Are My Scans? A Quick Primer on 3D Scan Quality Control and Metadata Recordation
- 101-i Stephen Yerka and Russell Townsend—Big Picture, Little Picture: Reconstructing Rock Art and Context in Both the Virtual and Physical Word

**[102] POSTER SESSION ■ NEW APPROACHES IN SOUTHEASTERN ARCHAEOLOGY:  
RESEARCH FROM THE RENEWED FSU DEPARTMENT OF ANTHROPOLOGY**  
(Sponsored by Florida State University Department of Anthropology)  
**Room:** Exhibit Hall B South  
**Time:** 5:00 PM–7:00 PM  
**Chairs:** Jessi Halligan and Tanya Peres

**Participants:**

- 102-a Ashley Brady and Tanya Peres—Stones in the Shell: A Lithic Analysis of a Woodland Shell Ring in Florida
- 102-b Analise Hollingshead and Morgan Smith—A Fabric and Spatial Analyses of the Artifacts Recovered from the Ryan-Harley Paleoindian Site (8JE1004) in North Florida
- 102-c Katherine Gamblin—An Analysis of the Industrialization of the Bourbon Industry in Kentucky: 1870s-Prohibition
- 102-d John Sabin and Austin Cross—Predictive Modeling of Paleoindian and Archaic Sites across Florida with GIS
- 102-e Haley Messer—The Function of Woodland Period Shell Rings as Seen at the Mound Field Site (8WA8)
- 102-f Megan Merrick and Tanya Peres—Zooarchaeology of Domestic Activities at a Weeden Island Shell Ring in the St. Marks National Wildlife Refuge
- 102-g Austin Cross and John Sabin—Predictive Modeling of Early Archaic Bolen Site Distribution in Northwestern Florida, USA
- 102-h Samantha Terry—A Reexamination of the Faunal Assemblage at Bird Hammock (8Wa30)
- 102-i Kelly Ledford—Let Them Eat Corn: Using Stable Isotopes to Explore Turkey Management in the Mississippian Period Southeast
- 102-j Danielle Dozier—Fire on the Waterfront: The Archaeology of an 1800s Storefront in Apalachicola, Florida

**[103] POSTER SESSION ■ QUANTITATIVE MODELING OF ARCHAEOLOGICAL DATA**  
(Sponsored by SAA Quantitative Methods and Statistical Computing in Archaeology Interest Group [QUANTARCH])  
**Room:** Exhibit Hall B South  
**Time:** 5:00 PM–7:00 PM  
**Chairs:** Erik R. Otárola-Castillo, Max Price and Jesse Wolfhagen

**Participants:**

- 103-a Andrew Boehm and Erik R. Otárola-Castillo—The Energetics of Butchery

- 103-b Rachel Burger, Ian Jorgeson and Michael Aiuvalasit—Raising a Rafter: A Cost-Benefit Analysis of Ancestral Pueblo Intensification of Turkey Husbandry in the Northern Rio Grande Region, New Mexico
- 103-c Paul Burnett—Bears Ears Archaeological Probability Models
- 103-d David Carlson, Michael Waters and Joshua Keene—Intrasite Spatial Analysis at the Debra L. Friedkin Site, TX
- 103-e Jacob Harris, Curtis Marean, Kiona Ogle and Jessica Thompson—Employing Bayesian Probability Theory to Diverse Applications Relevant to Archaeology
- 103-f Matthew Harris—A Site Is Not a Centroid: Modeling Archaeological Landforms and Uncertainty with Bayesian Distribution Regression
- 103-g Christopher Lanza, Amanuel Beyin and Erik R. Otárola-Castillo—Which Way Did They Go? Using Individual-Based Models to Identify Out of Africa Hominin Dispersal Routes
- 103-h Ben Marwick and Erik Gjesfjeld—Modelling the Innovation and Extinction of Archaeological Ideas
- 103-i Erik R. Otárola-Castillo—Ghosts of Climates Past: Evaluating the Effects of Climate Change on the Foraging Ecology of Paleoindian Hunter-Gatherers in the North American Great Plains
- 103-j Max Price—Tracking Morphological Changes in the Domestication of Sheep and Pigs: A Comparison
- 103-k John Rapes, Jesse Wolfhagen, Max Price and Erik R. Otárola-Castillo — ZooaRchGUI: A User-Friendly Graphical User Interface with the R-Programming Language for Archaeologists
- 103-l Michael Shott and Erik R. Otárola-Castillo—Parts of a Whole: Reduction Allometry and Modularity in Experimental Folsom Points
- 103-m Melissa Torquato—Why Do We Farm?: Risk Assessment of the Foraging Farming Transition in North America
- 103-n Jesse Wolfhagen—Zooarchaeological Survivorship Models Using Ordered Logistic Regression

**[104] POSTER SESSION ■ INVESTIGATIONS OF ETHNOGENESIS AT LA 20,000, A 17TH-CENTURY SPANISH RANCH IN NEW MEXICO**

**Room:** Exhibit Hall B South

**Time:** 5:00 PM–7:00 PM

**Chair:** Heather Trigg

**Participants:**

- 104-a Heather Trigg and Christina Spellman—Space and Architecture at LA 20,000, a 17th Century Spanish Ranch
- 104-b Kyle Edwards—Evaluating the Environmental Impacts of Colonial Settlement: A Palynological Study of La Cienega, New Mexico
- 104-c Anya Gruber—A Palynological Approach to Colonial Agro-Pastoral Activities at LA 20,000, New Mexico
- 104-d Ana Opishinski—The Zooarchaeology of LA 20,000
- 104-e Ivana Ivanova—New Mexican Cuisine as Ethnogenesis
- 104-f Adam Brinkman—Ollas and Inequality: Reflections on Space, Ceramics, and Power Relationships at the Sanchez Site
- 104-g Danielle Huerta, Heather Trigg and Judith Habicht-Mauche —Analysis of Rio Grande Glaze Ware Glaze F Pottery from LA 20,000 Using Petrographic and Chemical Composition Techniques

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- [105] POSTER SESSION ■ PEOPLE 3K: INVESTIGATING POTENTIAL TIPPING POINTS GENERATED BY THE CLIMATE-POPULATION-RESOURCE MANAGEMENT NEXUS OVER THE LAST 3,000 YEARS**  
*(Sponsored by Past Global Changes)*  
**Room:** Exhibit Hall B South  
**Time:** 5:00 PM–7:00 PM  
**Chair:** Jacob Freeman

**Participants:**

- 105-a Claudio Latorre, Jacob Freeman, Erick Robinson, Eugenia Gayo and Mauricio Lima—PeoPLE 3K: Understanding the Population Dynamics of the Americas in the Context of Regional and Global Environmental Change
- 105-b David Byers, José M. Capriles, Adolfo Gil, Judson Finley and Jacob Freeman—PEOPLE 3K (PalEOclimate and the PeopLing of the Earth): Investigating Tipping Points Generated by the Climate-Human Demography-Institutional Nexus over the Last 3000 Years
- 105-c Samantha Nabity, Jacopo Baggio and Jacob Freeman—Does Increasing Social Complexity Buffer Energy Consumption from the Effects of High Frequency Climate Variation? A Western European Case Study
- 105-d Erick Robinson, Jacob Freeman, David Byers, Spencer R. Pelton and Robert L. Kelly—Climate Change, Economies of Scale, and Population Growth in Prehistoric Hunter-Gatherer Societies: A Case Study from Southwestern Wyoming
- 105-e Jacob Freeman, Gideon Maughan, Erick Robinson, David Byers and Robert L. Kelly—The Effects of Economic Complexity and Temperature on the Long-Term Energy Consumption Dynamics of Human Societies
- 105-f Amber Johnson, Rudolf Cesaretti, Christina Collins and Peter Turchin—Global and Regional Frameworks for Comparing Agricultural Intensification and Productivity across Cases
- 105-g Adolfo Gil, Gustavo Neme, Ricardo Villalba and Jacob Freeman—Contrasting Human Demography Trends between Hunter-Gatherers and Farmers as Response to Climate Change: Central Western Argentina as Study Case
- 105-h Darcy Bird and Jacob Freeman—Rates of Change in Radiocarbon Date Frequencies and Population Collapse
- 105-i Eugenia Gayo, Calogero Santoro, Claudio Latorre, Virginia Mcrostitie and José M. Capriles—Assessing Impacts of Late Holocene Environmental Variability on the Demography of Prehispanic Societies in Northern Chile (18°-29°S)
- 105-j Eva Peralta, Leandro Luna, Claudia Aranda and Adolfo Gil—Human Demography and Ecosystems: Comparative Approach of Human Age-at-Death Profiles from Northpatagonia (Southern Mendoza, Argentina)
- 105-k Judson Finley, Erick Robinson, R. Justin Derosé and Elizabeth Hora-Cook—Fremont Maize Cultivation and Latest Holocene Climate Variability in the Cub Creek Archaeological District, Dinosaur National Monument
- 105-l José M. Capriles—A Review of Paleodemographic Changes in Prehispanic Bolivia Using a Countrywide Assessment of Radiocarbon Dates
- 105-m Kristina Solis—Late Holocene Climate Change and the Emergence of Hunter-Gatherer Territoriality in the Late Archaic Texas Coastal Plains: An Analysis Using Bioavailable Strontium
- 105-n Kristin Corl, Kristina Solis, Robert Hard and Michelle Carpenter—Demographic Change through Analysis of Age Profiles of Burial Data
- 105-o Robert Hard, Jacob Freeman, Robert Gardner, Gabriella Zaragosa and Raymond Mauldin—Modeling Hunter-Gatherer Population Dynamics on the Texas Coastal Plain during the Holocene

**[106] POSTER SESSION ■ STRATEGIES FOR MANAGING CULTURAL RESOURCES IN WILDERNESS AREAS OF THE UNITED STATES FOREST SERVICE**

**Room:** Exhibit Hall B South

**Time:** 5:00 PM–7:00 PM

**Chair:** Timothy Canaday

**Participants:**

- 106-a Timothy Canaday, Bryan Hanks, Rosemary Capo, Patricia Smith and Benjamin Hedin—Multi-method Geophysics in the Frank Church–River of No Return Wilderness, Idaho
- 106-b Kyle Wright and Lawrence Todd—Bounding Uncertainty and Ignorance: Archaeology and Human Paleoecology in Washakie Wilderness, Shoshone National Forest, Wyoming
- 106-c Lawrence Todd and Kyle Wright—Structured Wilderness: Managing 19th and Early 20th Century Heritage Resources, Shoshone National Forest, Wyoming
- 106-d Gregory Heide and Stuart Chilvers—A View to Wilderness – The Salmo Lookout Tower and the Salmo-Priest Wilderness Area
- 106-e Frederic Dillingham, Bryan Hockett, Evan Pellegrini and Jeffrey Weise—Communal Trapping and Pinyon Exploitation in the Wovoka Wilderness
- 106-f Don Hann—Obsidian Procurement Patterns in the Strawberry Mountain Wilderness
- 106-g Wendy Sutton—The Gila Wilderness: Defining, Redefining, and Managing Our First Wilderness Area
- 106-h Dustin Wagner and Trevor Lea—Preliminary Results from Excavations of a Communal Pit Structure in the Gila National Forest
- 106-i Marielle Pedro Black and Connie Reid—Saddle Mountain Wilderness, North Kaibab Ranger District, Kaibab National Forest
- 106-j Jorie Clark and Cathy Bickenheuser—Call of the Wild: Historic Preservation in Region 1's Wilderness
- 106-k Robert Morgan—Identifying Cultural Landscapes in Wilderness Areas on the Francis Marion National Forest
- 106-l Ryan Brown—Following the Voyageurs Highway: Cultural Resource Management in the Boundary Waters Canoe Area Wilderness
- 106-m Erik Whiteman and Morgan Zedalis—Can You Hear Me Now? – The History of a Telephone Booth in the Frank Church-River of No Return Wilderness
- 106-n Christopher Stanton, Jennifer Byrd and Vanessa Carrillo—Challenges of Archaeology in the Wilderness at South Diamond Creek Pueblo

**[107] SYMPOSIUM ■ “ETHICAL” ENGAGEMENT WITH HISTORIC CEMETERIES: FROM “ISSUES” TO A MULTIPLE CONSCIOUSNESS**

**Room:** Taft

**Time:** 6:00 PM–7:30 PM

**Chairs:** Catherine Jones and Shannon Freire

**Participants:**

- 6:00 Catherine Jones and Shannon Freire—The Problem of Enacting Ethical Practice in Historic Cemetery Excavation
- 6:15 Christine Halling and Ryan Seidemann—Following the Storm: Ethical Considerations for Historic Cemetery Disruptions after Natural Disasters
- 6:30 Anna Dhody and Kimberlee Moran—No Good Deed: The Recovery of Philadelphia's First Baptist Church Cemetery
- 6:45 Patricia Richards—Law and Ethics: The Milwaukee County Poor Farm Cemetery Excavations in the Context of the Wisconsin Burial Site Preservation Statute
- 7:00 Craig T. Goralski—The Ethics and Practice of Forensic Archaeology, Unfunded Mandates, and the Unidentified

Thursday Evening, April 12

7:15 Rachel Watkins—Ethics, Epistemology and Multiple Consciousness: Some Considerations

**[108] SYMPOSIUM ■ REAL, RECENT, OR REPLICA? AMERINDIAN (AND NEO-AMERINDIAN) ICONOGRAPHY IN THE CARIBBEAN**

**Room:** Johnson

**Time:** 6:00 PM–7:45 PM

**Chairs:** Joanna Ostapkowicz and Jonathan Hanna

**Participants:**

6:00 Joanna Ostapkowicz—Mundus vult decipi: Caribbean Indigenous Art Past, Present, Future  
 6:15 Arlene Alvarez and Corinne L. Hofman—Archaeological Heritage Market and Museums in the Dominican Republic  
 6:30 Jonathan Hanna—Discussant  
 6:45 John Swogger—Genuine Reproductions: Ethics, Practicalities and Problems in Creating a Replica of a Zemi from Carriacou  
 7:00 Alexander Geurds—The Original Is (Still) the Winner: Replicas and Fakes as Bound by Authenticity  
 7:15 Paola Schiappacasse—Discussant  
 7:30 Donna Yates—Discussant

**[109] ELECTRONIC SYMPOSIUM ■ DEBT IN PRE-MODERN STATE ECONOMIES FROM AN ARCHAEOLOGICAL PERSPECTIVE**

**Room:** Park Tower Suite 8222

**Time:** 6:00 PM–8:00 PM

**Chairs:** Marilyn Masson and Scott Hutson

**Participants:**

Jennifer Burrell—Ethnographic Perspectives on Debt & Political Economy: Contributions to a Conversation on Graeber  
 Marilyn Masson—The Significance of Debt to Household and Political Economies of Postclassic and Contact Period Maya Societies  
 Scott Hutson—Creations of the Lord: New World Slavery and Sacrifice  
 Charles Golden—Flows of Value, Debt, and Goods in the Usumacinta River Basin  
 Robert Rosenswig—Is the Study of Ancient Money Really So Difficult?  
 Alexandre Tokovinine—Giving Back: Debt in Classic Maya Narratives  
 John Chuchiak IV—Human Plunder: The Role of Maya Slavery in Postclassic and Early Conquest Era Yucatán, 1450-1550

**[110] ELECTRONIC SYMPOSIUM ■ PRACTICING ARCHAEOLOGY IN THE CONTEMPORARY POLITICAL CLIMATE**

*(Sponsored by Archaeology Division, American Anthropological Association)*

**Room:** Jefferson

**Time:** 6:00 PM–8:00 PM

**Chairs:** Franco Rossi, Claire Novotny and Randall McGuire

**Participants:**

Franco Rossi—Monuments that Weren't: Reckoning with Unmarked Histories of Violence  
 Claire Novotny—Between Government and Grassroots: Archaeologists and Social Justice in International Contexts  
 Sonya Atalay—Indigenous Knowledge in Dangerous Times: Research Partnerships, Knowledge Mobilization, and Public Engagement

Chelsea Blackmore—Racial Justice Matters: White Privilege and the Spectre of Scientific Objectivity  
 Anne Pyburn—The Postclassic, the Postmodern, and the Problem of Alternative Facts  
 Anna Novotny—Is It Christmas Yet? Teaching Evolution to a Resistant Public  
 Chuck Riggs—Indigenizing Archaeology in the 21st Century  
 Allison Cuneo—Broken Minarets and Lamassu: The Propogandization of Heritage on the Front Line of the War in Northern Iraq

**[111] ELECTRONIC SYMPOSIUM ■ ENVIRONMENTAL CHANGES AND THEIR IMPACT ON DIETARY ADAPTATION IN SUBTROPICAL CLIMATES**

**Room:** Jackson  
**Time:** 6:00 PM–8:00 PM  
**Chair:** Maureen Mahoney

**Participants:**

Brandy Norton—What's for Dinner: An Examination of Animal Resources Utilized in the Okeechobee Basin Area of Florida  
 Jennifer Green—Evaluating Dietary Change: Adaptive Strategies within the Northern Everglades and Surrounding Areas  
 William Locascio—Tree Island Life: Late Archaic Adaptations of a Northern Everglades Community  
 Paige Hawthorne—Paleoecological Continuity and Change Over Time in South Florida

**[112] FORUM ■ MENTORING UNDERGRADUATE RESEARCH IN ARCHAEOLOGY: THE GOOD, THE BAD, AND THE UGLY**

*(Sponsored by Council for Undergraduate Research [CUR])*  
**Room:** Truman  
**Time:** 6:00 PM–8:00 PM  
**Moderator:** Leslie Cecil

**Participants:**

Sarah Sherwood—Discussant  
 Brian Bates—Discussant  
 William Balco—Discussant  
 Claudia Garcia-Des Lauriers—Discussant  
 Patricia Hansell—Discussant  
 Robert H. Tykot—Discussant  
 James Newhard—Discussant

**[113] SYMPOSIUM ■ SEASCAPES, WATERSCAPES AND THE RELATIONAL**

**Room:** Maryland A  
**Time:** 6:00 PM–8:00 PM  
**Chairs:** Courtney Nimura, Liam Brady and Joakim Goldhahn

**Participants:**

6:00 Courtney Nimura, Liam Brady and Joakim Goldhahn—Considering Seascapes, Waterscapes and the Relational  
 6:15 Fraser Sturt and Duncan Garrow—Real and Imagined Islands: Wet Ontologies in the Neolithic of North Western Europe  
 6:30 Sean Connaughton—I Am from the Sea, You Are from the Land  
 6:45 Liam Brady, Sally May and Joakim Goldhahn—Referencing the Relational in 'Saltwater' Rock Art, Northern Australia  
 7:00 Johannes Loubser—The Transformational Properties of Water and Rock Art

Thursday Evening, April 12

- 7:15 Joakim Goldhahn—Towards an Archaeology of Prows - An Ontological Approach to Geoglyphs and Petroglyphs in the North European Bronze Age  
 7:30 Kristian Kristiansen—The Maritime Mode of Production: The Role of Seafaring in Bronze Age Societies  
 7:45 Questions and Answers

**[114] SYMPOSIUM ■ INDIGENOUS ARCHAEOLOGIES: GLOBAL PERSPECTIVES ON ENGAGING WITH HERITAGE AND INTERPRETING THE PAST**

**Room:** Taylor

**Time:** 6:00 PM–8:15 PM

**Chairs:** Chris Urwin and Joshua Bell

**Participants:**

- 6:00 Chris Urwin—Excavating and Interpreting Ancestral Action – Stories from the Subsurface of Orokolo Bay, Papua New Guinea  
 6:15 Eve Dewan, Ian Kretzler and Briece Edwards—A Community of Heritage Practitioners: Keeping the Past in the Present at Grand Ronde  
 6:30 Nicholas Laluk—Embracing the Ndee Past as the Present: Ndee Cultural Tenets as Sovereignty-Driven Practice and Community Well-Being  
 6:45 Douglas Bird and Rebecca Bliege Bird—The Emergence of Dreaming Landscapes: Indigenous Disturbance and Representation of Ecological Homelands in Australia's Western Desert  
 7:00 Sara L. Gonzalez—Finding a Grand Ronde Way: Building Epistemological Bridges through Collaborative Field Practice  
 7:15 Kristina Douglass, George Manahira, Roger Samba, Voahirana Vavisoa and Felicia Fenomanana—Integrated People, Practices and Knowledge in the Archaeology of Southwest Madagascar  
 7:30 Chelsey Geralda Armstrong and Christina Sam-Stanley —Fruits from the Ancestors: Tsimshian Forest Gardens in the Pacific Northwest  
 7:45 Joshua Bell—Transforming Ideologies and Hopes of the Past in the Purari Delta of Papua New Guinea  
 8:00 George Nicholas—Discussant

**[115] SYMPOSIUM ■ RESULTS OF THE NEH- AND NGS-FUNDED EXCAVATION AND ANALYSIS OF ROOM 28 IN PUEBLO BONITO**

**Room:** Washington Room 6

**Time:** 6:00 PM–8:30 PM

**Chair:** Patricia Crown

**Participants:**

- 6:00 Patricia Crown—Room 28 in Pueblo Bonito: Architecture and Ceramics  
 6:15 Hannah Mattson and Jacque Kocer—Ornaments from Room 28, Pueblo Bonito  
 6:30 Jacqueline Kocer—A Summary of Chipped and Ground Stone from Room 28, Pueblo Bonito in Chaco Canyon  
 6:45 Katherine Brewer—A Comparative Analysis of Historical Artifacts Recovered from Room 28  
 7:00 Stephanie Mack, Caitlin Ainsworth and Emily Lena Jones—Intrusive Taxa Identified in the Re-excavation of Room 28 in Pueblo Bonito, Chaco Canyon  
 7:15 Caitlin Ainsworth, Patricia Crown, Emily Lena Jones and Stephanie Franklin—Ritual Deposition of Avifauna in the Northern Burial Cluster at Pueblo Bonito, Chaco Canyon  
 7:30 Emily Lena Jones, Cyler Conrad, Caitlin Ainsworth and Stephanie Franklin—Turkey Husbandry at Pueblo Bonito and Its Relationship to Turkey-Human Interactions in Chaco Canyon

Thursday Evening, April 12

- 7:45 Marian Hamilton, Cyler Conrad, Patricia Crown, Wirt Wills and Emily Lena Jones—Carbon, Nitrogen, and Oxygen Stable Isotope Ratios from Room 28 Lagomorphs
- 8:00 Susan Smith and Karen Adams—Plant Tales from Pueblo Bonito, Room 28
- 8:15 Barbara Mills—Discussant

**[116] SYMPOSIUM ■ ANTHROPOGENIC RAINFOREST: LANDSCAPE MANAGEMENT IN THE AMAZON BEFORE THE EUROPEAN CONQUEST**

**Room:** Wilson A

**Time:** 6:00 PM–8:45 PM

**Chairs:** Camila Figueiredo and Stéphen Rostain

**Participants:**

- 6:00 Stéphen Rostain—Upano, an Anthropized Valley in the Upper Amazon
- 6:15 Clark Erickson, Shimon Wdowinski, Jonathan Thayn, Rex Rowley and Jedidiah Dale—Flood Regimes, Earthworks, and Water Management in the Domesticated Landscapes of The Bolivian Amazon
- 6:30 Lilian Rebellato, Denise Paul Schann, Wenceslau Gerales Teixeira, Antônia Damasceno Barbosa and William Woods—The Earthworks at Western of Amazon, Brazil: A Geoarchaeological Perspective
- 6:45 Jennifer Watling, Myrtle Shock, Martín Torres Castro and Eduardo Góes Neves—From the First to the Last Amazonian Dark Earths: The Longue-Durée of Landscape Management at the Teotônio Site, Upper Madeira River, SW Amazonia
- 7:00 Klaus Hilbert—A History of Knowledge of the Amazonian Dark Earths
- 7:15 S. Maezumi, Jose Iriarte, Diana Alves, Mark Robinson and Denise Schaan—Evidence of Pre-Columbian Polyculture and Agroforestry in the Eastern Amazon
- 7:30 Joanna Troufflard—Understanding the Tapajó Socio-political System through the Study of Landscapes and Material Culture
- 7:45 Camila Figueiredo—Tapajó Group Routes Networks, Santarém and Belterra Region, Lower Amazon, Brazil
- 8:00 Wetherbee Dorshow and Michael Heckenberger—Recent Investigations in the Upper Xingu Basin
- 8:15 Klaus Hilbert—Discussant
- 8:30 Francisco Pugliese—Discussant

**[117] SYMPOSIUM ■ VOICING THE COLONIZED: AN EXPLORATION OF DIFFERING EXPERIENCES AND RESPONSES TO CONQUEST FROM THE OLD AND NEW WORLD**

**Room:** Wilson B

**Time:** 6:00 PM–8:45 PM

**Chair:** Jenna Hurtubise

**Participants:**

- 6:00 Maxine Oland—Acting, Reacting, and Entangling at the Edge of the Spanish Colony: Maya Life at Progreso Lagoon, Belize in the Context of Colonization
- 6:15 Haagen Klaus—Alterity, Resistance, and Autonomy: Mortuary Archaeology and the Diversity of Indigenous Responses to Spanish Conquest in Lambayeque, Peru
- 6:30 Véronique Bélisle—Reassessing Wari Power in the Central Andes: Local Agency, Trade, and Competition in the Cusco Region
- 6:45 Jenna Hurtubise—Preliminary Understandings of the Casma's Response to Chimú Conquest in the Nepeña Valley, Peru: Findings from the 2017 Pan de Azúcar Excavations

Thursday Evening, April 12

- 7:00 Scotti Norman—Revitalizing Native Practices in the Face of Colonialism: Taki Onqoy and Entanglement in the 16th Century (Ayacucho, Peru)
- 7:15 Linda Gosner—Iberian Mines and Imperial Matters: Re-conceptualizing Labor, Technologies, and Communities of Practice in Roman Iberia
- 7:30 Alexander Smith—Indigenous Persistence in the Balearic Islands: Carthaginian and Roman Colonial Engagements in the Western Mediterranean
- 7:45 Louise Steel—Contesting Landscapes. Hidden Histories vs. Memorialised Spaces in Cyprus
- 8:00 Mikhail Echavarri and Stephen Acabado—Localizing the Narrative of Spanish Colonization in the Philippines
- 8:15 Peter Van Dommelen—Discussant
- 8:30 Jeb Card—Discussant

**[118] GENERAL SESSION ■ ADVANCES IN DIGITAL ARCHAEOLOGY****Room:** Washington Room 5**Time:** 6:00 PM–8:45 PM**Chair:** Dirk Rieke-Zapp**Participants:**

- 6:00 Shawn Graham and Damien Huffer—Machine Learning the Visual Rhetoric of the Trade in Human Remains
- 6:15 Justin Walsh, Alice Gorman and Erik Linstead—A New Methodology for Archaeological Investigation of Human Activity in Space: The International Space Station Archaeological Project
- 6:30 William Brown—Formal Theory in Demographic Temporal Frequency Analysis: Decomposing the TFD Data Generating Process
- 6:45 Maurizio Forte—Digital and Poly-sensing Archaeology: From Remote Sensing to Smart Trowels
- 7:00 Petr Kvetina and Jiri Unger—The Fast and the Furious. Innovations in Archaeological Visualisations at the Beginning of the 21st Ct.
- 7:15 Dirk Rieke-Zapp and Elisabeth Trinkl—3D Comparison of Attic Head Vases
- 7:30 Luke Burnor and Claudia Garcia-Des Lauriers—Los Horcones, Offering 1: 3D Imaging, Analysis, and Reconstruction
- 7:45 Cindy Hsin-yee Huang, April Nowell and Leslie Van Gelder—Tracing Ice Age Artistic Communities: 3D Digital Modeling Finger Flutings
- 8:00 Mark Collard, Brea McCauley, Chris Carleton and Andre Costopoulos—Testing Dunnell's Waste Explanation for Monument Building with an Agent-Based Model
- 8:15 Jared Katz—The Numerous Faces and Voices of Ancient Maya Instruments: A Typological Analysis of Ancient Maya Musical Artifacts Based on Physical and Tonal Attributes
- 8:30 Jonathan Roldan, Marisol Cortes-Rincon and Abby Barrios—Digital Preservation Era: A Toolbox for Archaeologists to Transition into the Digital Age

**[119] SYMPOSIUM ■ 1300–1500 CE: MIGRATION, RELOCATION, AND ABANDONMENT IN EASTERN NORTH AMERICA****Room:** Wilson C**Time:** 6:00 PM–9:00 PM**Chairs:** Eric Jones and Charles Cobb**Participants:**

- 6:00 Jennifer Birch—Migration, Dispersion, or Purposeful Relocation?: Flexibility as an Adaptive Settlement Strategy in Northern Iroquoia, ca. A.D. 1300–1650
- 6:15 Robert Cook—When and Where Did They Go? More Fully Conceptualizing Fort Ancient's Descendants

Thursday Evening, April 12

- 6:30 Martin Gallivan—Violence, Dislocation, and Social Transformation in the Chesapeake, AD 1300–1500
- 6:45 Eric Jones—A Multiscalar Analysis of Piedmont Village Tradition Settlement and Demography, 1200-1600 CE
- 7:00 Benjamin Steere and Ashley Schubert—Movement and Interaction in the Appalachian Summit circa 1300–1500 CE
- 7:15 Questions and Answers
- 7:30 Anthony Krus and Charles Cobb —The Mississippian Fin de Siècle in the Middle Cumberland Region of Tennessee
- 7:45 Lynne Sullivan and Kevin Smith—Heading for the Hills: The Middle Cumberland Region to Upper Tennessee Valley Migration
- 8:00 Brad Lieb, Tony Boudreaux and Charles Cobb—Prelude to the Protohistoric: Late Mississippian Settlement Dynamics in the Central and Upper Tombigbee River Drainage
- 8:15 Sheila Savage, Scott Hammerstedt and Amanda Regnier—Life on the Margins: Eastern Oklahoma's Arkansas Drainage between 1300 and 1500 CE
- 8:30 Catherine Cameron—Discussant
- 8:45 Dean Snow—Discussant

**[120] SYMPOSIUM ■ FLUTED POINT TECHNOLOGY: VARIATION ACROSS A HEMISPHERE****Room:** McKinley**Time:** 6:00 PM–9:00 PM**Chairs:** Heather Smith and Jesse Tune**Participants:**

- 6:00 Heather Smith—Discussant
- 6:15 Michael O'Brien—Contemporary Views on Clovis Learning and Colonization
- 6:30 John W. Ives, Gabriel Yanicki, Courtney Lakevold and Kisha Supernant—Confluences: Fluted Points in the Ice-Free Corridor
- 6:45 Heather Smith—The Manufacture of Northern Fluted Points: A Production Sequence Hypothesis
- 7:00 Jonathan Lothrop and Christopher Ellis—Fluted Point Variation in Glaciated Northeastern North America
- 7:15 Ashley Smallwood, Thomas Jennings and Charlotte Pevny—Tracing Paleoindian Projectile Point Diversity in the American Southeast
- 7:30 David Thulman—Florida's Fluted Paleoindian Points: A Reassessment of the Typology
- 7:45 Jesse Tune—Assessing Biface Reduction and the Ideal Use-Life of Fluted Bifaces
- 8:00 Frederic Sellet and Michael Guarino—Miniature Folsom Points from the Lindenmeier Site, Colorado
- 8:15 Michael Rondeau—Far West Fluted Points: Variability and Trends
- 8:30 Nora Flegenheimer, Natalia Mazzia, Celeste Weitzel and Salomón Hocsman—Recycling on Fishtail Points: Morphological and Fatty Acids Analysis
- 8:45 Juliet Morrow—Discussant

Thursday Evening, April 12**[121] SYMPOSIUM ■ URBANISM, TECHNOLOGY, AND IDENTITY: CELEBRATING THE COMPARATIVE ARCHAEOLOGY OF RITA P. WRIGHT****Room:** Harding**Time:** 6:00 PM–9:00 PM**Chairs:** Sneha Patel, Pam Crabtree and Adam Green**Participants:**

- 6:00 Adam Green, Sneha Patel and Pam Crabtree—Introducing Urbanism, Technology, and Identity: Celebrating the Comparative Archaeology of Rita P. Wright
- 6:15 Nancy Highcock—Dress Pins, Textile Production, and Women's Economic Agency across Early Second Millennium Anatolia
- 6:30 Holly Pittman—Textile Production in the Uruk Period: New Insights from Glyptic Imagery
- 6:45 Cathy Costin—Technology and Social identity on the North Coast of Peru
- 7:00 Bart Victor, Arthur Demarest and Chloé Andrieu—Changing Patterns of Production and Exchange in “Borderland” Economies: The Case of the Classic Maya Civilization
- 7:15 Heather Miller and Gregory L. Braun—Unexpected Expertise: Archaeological Science and the Creative Skills of Indus Craftspeople
- 7:30 Sneha Patel—Ceramic Technological and Stylistic Boundaries on the Indus Frontier of Gujarat
- 7:45 Pam Crabtree—A Re-examination of the Animal Bone Remains from Rojdi, a Sorath Harappan Site in Northwest India
- 8:00 Cameron Petrie, Adam Green, Hector Orengo and Ravindra Singh—Hidden in Plain Sight: Reconstructing Landscapes of Urbanism in Northwest India
- 8:15 Abigail Buffington and Smiti Nathan—Transformative Trees: The Social and Ecological Impact of Woody Taxa in Prehistoric Southern Arabia
- 8:30 Eli Dollarhide—Revealing the Local: A Look Inwards at the Archaeology of Southeastern Arabia
- 8:45 Teresa Raczek and Namita Sugandhi—Women's Labor and Scholarship Production in Archaeology: Celebrating the Mentorship of Rita P. Wright

**[122] SYMPOSIUM ■ AGENT OF CHANGE: THE DEPOSITION AND MANIPULATION OF ASH IN THE PAST****Room:** Hoover**Time:** 6:00 PM–9:00 PM**Chairs:** Barbara Roth and E. Adams**Participants:**

- 6:00 Barbara Roth—Ash Matters: The Ritual Closing of Domestic Structures in the Mimbres Mogollon Region
- 6:15 Susan Ryan—Sequencing Termination Events: Preparing Hearths for the Ritual Decommissioning of Ancestral Pueblo Pit Structures in the Northern U.S. Southwest
- 6:30 Myles Miller—Contexts of Ash Deposits in Jornada Mogollon Pithouse and Pueblo Settlements and Reflections on Their Meanings
- 6:45 E. Adams—Complex Closure Practices Involving Ash at a Small Pueblo in Northeastern Arizona
- 7:00 Michael Adler—Fire, Ash and Sanctuary: Pyrotechnology as Protection in the Pre-Colonial Northern Rio Grande
- 7:15 Carrie Heitman and Paul Reed—An Archaeology of Ash? Exploring Chacoan Contexts and Practices

Thursday Evening, April 12

- 7:30 Samantha Fladd, Saul Hedquist, E. Adams and Stewart B. Koyiyumptewa—  
Symbolic Associations: Assessing the Co-occurrence of Ash and Turquoise in  
the Ancient U.S. Southwest
- 7:45 Judy Berryman and William Walker—Ashes, Arrows, and Sorcerers
- 8:00 Cheryl Claassen—Ashes in Western US Rockshelters
- 8:15 Kenneth Sassaman, Asa Randall and Neill J. Wallis—The As(h)cendant:  
Cosmological Work of Material Traces of Burning in the American Southeast
- 8:30 Erin Nelson—Ash Deposition and Community Building in the Mississippian  
World: A Case Study from the Yazoo Basin
- 8:45 Marvin Kay—Ashes to Ashes, Dust to Dust in Caddoan Mortuary Ritual

**[123] SYMPOSIUM ■ MATERIAL CULTURE AND MULTIVOCAL CULTURAL DIALOGUE IN THE  
CONSTRUCTION OF THE CRIOLLO UNIVERSE OF THE CARIBBEAN**

**Room:** Madison A

**Time:** 6:00 PM–9:00 PM

**Chair:** L. Antonio Curet

**Participants:**

- 6:00 L. Antonio Curet—Cultural Interaction and Creolization (or Transculturation or  
Hybridization or Mestización or Criollización) in the Studies of the Ancient Past  
of the Caribbean
- 6:15 Jorge Ulloa Hung—Cultural Diversity and Transculturation in the Pre-Columbian  
Indigenous Universe of Northern Hispaniola
- 6:30 Perry Gnivecki and Mary Jane Berman —Were the Lucayans a Creole Society?
- 6:45 Roberto Valcárcel Rojas—Colonial Cuba: From Indian to Creole
- 7:00 Karen Anderson-Cordova—Indian Ethnic Complexity in Hispaniola and Puerto  
Rico and Its Implications for the Study of European/Indian Contact During the  
Early Colonial Period
- 7:15 Alice Samson and Jago Cooper—When Is Creolization?
- 7:30 Questions and Answers
- 7:45 Joseph Jean—Long-Term Survival of Indigenous Cultures in Haiti
- 8:00 Menno Hoogland, Angus Martin and Corinne L. Hofman—Reimagining Creole.  
The Deep History of Mixed Identities in the Windward Islands, Lesser Antilles
- 8:15 Mark Hauser—Language Shift and Material Practice
- 8:30 Douglas Armstrong—Indigenous and Transcultural Implications in the  
“Seasoning” of Early 17th-Century Settlers of Barbados
- 8:45 Jose Oliver—Discussant

**[124] SYMPOSIUM ■ INTRA-SITE SPATIAL ANALYSIS OF MOBILE PEOPLES: ANALYTICAL  
APPROACHES TO RECONSTRUCTING OCCUPATION HISTORY**

**Room:** Madison B

**Time:** 6:00 PM–9:00 PM

**Chairs:** Amy Clark and Joseph A. M. Gingerich

**Participants:**

- 6:00 Scott G. Ortman, Laura Scheiber and Zachary Cooper—Scaling Analysis of  
Prehistoric Wyoming Camp Sites—Implications for Hunter-Gatherer Social  
Dynamics
- 6:15 Randy Haas, Todd Surovell and Matthew O'Brien—Behavior from Spatial  
Structure in Archaeological Sites: A Working Model Based on Dukha  
Ethnography
- 6:30 Joseph A. M. Gingerich—Modeling Discrete Paleoindian Work Areas
- 6:45 Amy Clark—Knapping for the Thrill of It? The Non-conservation of Raw Materials  
at Middle Paleolithic Sites

Thursday Evening, April 12

- 7:00 Matthew O'Brien, Todd Surovell and Randy Haas—Using Ethnoarchaeology to Identify Spatial Patterns of Behavior in Domestic Dogs
- 7:15 Reuven Yeshurun—Contextual Taphonomy in Zooarchaeology: From Refuse Behavior to Site-Occupation Intensity in Levantine Epipaleolithic Camps
- 7:30 Questions and Answers
- 7:45 Todd Surovell, Matthew O'Brien and Randy Haas—Gender and Space in Campsites of Dukha Reindeer Herders
- 8:00 Nuno Bicho, Célia Gonçalves and João Cascalheira—GIS Tools for Intra-spatial Analyses: The Portuguese Mesolithic Cabeço da Amoreira Case Study
- 8:15 Brooke Morgan—When Window Mesh Is Worth It: Assessing the Potential of Microrefuse in Spatial Analysis of Hunter-Gatherer Sites
- 8:30 Nicholas Conard, Mareike Brenner, Knut Bretzke, Christopher Miller and Manuel Will—Interpreting Small-Scale, Intra-site Spatial Variation of Finds from the MSA Deposits at Sibudu Cave, South Africa
- 8:45 James Enloe—Spatial Analysis in the Woodland: Foraging Behavior in Sedentary Agricultural Societies

**[125] SYMPOSIUM ■ GETTING TO KNOW THE NEIGHBORS: ARCHAEOLOGICAL INVESTIGATIONS OF COMMENSAL ANIMALS**

**Room:** Tyler

**Time:** 6:00 PM–9:00 PM

**Chair:** Jillian Swift

**Participants:**

- 6:00 Jillian Swift—Getting to Know the Neighbors: Commensal Insights into Human-Ecosystem Dynamics
- 6:15 Arden Hulme-Beaman, Thomas Cucchi, Jeremy Searle and Keith Dobney—Competition for Resources: How Commensal Competition Informs Us of Past Human Activity
- 6:30 Thomas Cucchi, Lior Weissbrod, Jean-Christophe Auffray and Jean-Denis Vigne—On the Origin and Dispersal of the House Mouse
- 6:45 Lior Weissbrod and Yaron Dekel—Insights from Commensal Pathways into Domestication Origins
- 7:00 Eric Guiry—Archaeological Rat Diets Reflect Settlement Density: An Isotopic Investigation of Historical Rat Bones from Urban and Rural Sites in Upper Canada
- 7:15 Christina M. Giovas—Thieves, Stowaways, Hitchhikers, and Hangers-On: The Commensal Niche in the Prehistoric Caribbean
- 7:30 Karen Greig—Living on the Edge: Dogs and People in Early New Zealand
- 7:45 Stuart Hawkins and Sue O'Connor—Pigs by Sea: The Establishment of Pig Husbandry on Wallacean Islands during the Late Holocene
- 8:00 Cyler Conrad, Caitlin Ainsworth and Emily Lena Jones—A Commensal-Prey Relationship in Early Mainland Southeast Asia? The Case of the Burmese Hare (*Lepus peguensis*)
- 8:15 Andrew Somerville—From Neutral to Mutual: A Long-Term Perspective on Human-Rabbit Relationships in Highland Mexico
- 8:30 Thomas Leppard—Discussant
- 8:45 Questions and Answers

Thursday Evening, April 12**[126] SYMPOSIUM ■ COPROLITE RESEARCH: ARCHAEOLOGICAL AND PALEOENVIRONMENTAL POTENTIALS****Room:** Washington Room 1**Time:** 6:00 PM–8:45 PM**Chairs:** John Blong and Lisa-Marie Shillito**Participants:**

- 6:00 John Blong, Lisa-Marie Shillito and Dennis Jenkins—Terminal Pleistocene and Holocene Adaptive Strategies at the Paisley Caves, Oregon
- 6:15 Helen Whelton, Lisa-Marie Shillito and Ian Bull—Investigating the Nature and Timing of the Earliest Human Occupation of North America Using a Lipid Biomarker Approach
- 6:30 Ainara Sistiaga, Sepideh Parkour, Mathilde Poyet and Roger Summons—Variation in  $\delta^5\text{stanols}$  Excretion in Humans and Its Implications for the Application of Fecal Biomarkers in Archaeology
- 6:45 Mara Schumacher, Susan Mentzer, Cynthia Debono Spiteri and Mihriban Özbasaran—Biomolecular and Micromorphological Analysis of Suspected Fecal Deposits at Neolithic Aşıklı Höyük, Turkey
- 7:00 Lisa-Marie Shillito, Helen Mackay, Ian Bull and Mike Parker Pearson—Feeding Stonehenge: The Potential of Coprolites as Tools for Reconstructing Diet
- 7:15 Natalia Eguez and Carolina Mallol—Fluorescence Applied to Modern Carnivore Excrements. A Reference Collection for Archaeological Deposits
- 7:30 Katelyn McDonough—Dietary Insights from a Middle Holocene Latrine Feature at the Connley Caves (35LK50), Oregon
- 7:45 Jenna Battillo—Reconstructing Diet from Combined Pollen, Macrofossil, and DNA Analysis of Human Paleofeces
- 8:00 Tim Riley—Fremont Paleocuisine: Reconstructing Recipes from Rectal Remnants
- 8:15 Vaughn Bryant—Coprolite Analysis: The Early Years
- 8:30 Questions and Answers

**[127] SYMPOSIUM ■ RECONSTRUCTING FORAGER LIFEWAYS AT THE PLEISTOCENE-HOLOCENE TRANSITION****Room:** Washington Room 2**Time:** 6:00 PM–9:15 PM**Chairs:** J. Scott Jones and Greg Maggard**Participants:**

- 6:00 Ben Potter—Human Land Use Strategies and Responses to Risk during the Pleistocene–Holocene Transition in Eastern Beringia
- 6:15 Marcel Kornfeld and Mary Lou Larson—Things Forgotten: The Unique of the Hell Gap Site
- 6:30 Kelton Meyer and Jason LaBelle—Kill, Camp, and Repeat: A Return to the Lindenmeier Folsom Site of Northern Colorado
- 6:45 David Kilby and Marcus Hamilton—New Investigations at Bonfire Shelter: A Consideration of Bison Jumps and Their Implications for Paleoindian Social Organization
- 7:00 Sean Farrell—New Investigations of Bone Bed 1, Bonfire Shelter: A High-Resolution Analysis of Late Pleistocene Deposits
- 7:15 Janaka Greene—Investigating the Cody Complex at the Capshaw site, a Late Paleoindian site in Texas
- 7:30 Andrew White—Patterns of Artifact Variability and Changes in the Social Networks of Paleoindian and Early Archaic Hunter-Gatherers in the Eastern Woodlands: A Critical Appraisal and Call for a Reboot

Thursday Evening, April 12

- 7:45 J. Scott Jones and Mark Norton—Paleoindian Site Formation in the Tennessee River Valley
- 8:00 Lauren Woelkers and Jay Franklin—First Foragers on the Upper Cumberland Plateau of Tennessee: Transitional Late Pleistocene and Early Holocene Lithic Technology at Rock Creek Mortar Shelter (40Pt209)
- 8:15 Greg Maggard and Kary Stackelbeck—Late Pleistocene Aggregation Sites on the Peruvian North Coast: A New Look at Paiján Settlement
- 8:30 Sarah Meinekat, Christopher Miller and Kurt Rademaker—A Geoarchaeological Approach to Site Formation and Structures of Inter-zonal Paleoindian Sites in Southern Peru
- 8:45 Edward Koole—Paleo-Indian Evidence from Rock Shelters of the Pains Region, Southeastern Brazil: Typology, Technology and Chronology of the Lithic Material and Its Classification in Three Horizons
- 9:00 D. Shane Miller—Discussant

**[128] SYMPOSIUM ■ CLASSIC VERACRUZ DEITIES****Room:** Lincoln 2**Time:** 6:00 PM–9:15 PM**Chairs:** Rex Koontz and Cherra Wyllie**Participants:**

- 6:00 Cherra Wyllie—Discussant
- 6:15 Joshua Englehardt and Michael Carrasco—Transformation of the Gods: Symmetry and the Construction of Mesoamerican Deity Systems in the Middle Formative
- 6:30 Stephanie Strauss—The Epi-Olmec Conundrum: Looking for Answers in All the Wrong Places
- 6:45 Lourdes Budar—Dioses de Agua y Montaña. El paisaje ritual y las deidades enmascaradas de la costa este de Los Tuxtlas
- 7:00 Philip Arnold—A Fettered Serpent? Quetzalcoatl and Classic Veracruz
- 7:15 Annick J. E. Daneels—Making Sense of a Holy Trinity: The Dioses Narigudos of Classic Period Central Veracruz
- 7:30 Sara Ladron De Guevara—The Eyes of God
- 7:45 Rex Koontz—A Tajin Deity Associated with Decapitation Sacrifice
- 8:00 Kim Richter and María Eugenia Maldonado Vite—Domestic vs. Elite Religious Cults: Revisiting the Huastec Tlazolteotl-Ixcuina Deity Complex
- 8:15 Ivonne Reyes Carlo—Atributos y función de las deidades del Clásico en el Centro de Veracruz: una propuesta metodológica
- 8:30 Caitlin Earley—Becoming Divine: Stone Sculpture and Deity Impersonation in Classic Veracruz Visual Culture
- 8:45 Arturo Pascual Soto—Dioses y gobernantes en El Tajin del Epiclásico (ca. 800–1000 d.C.)
- 9:00 Questions and Answers

**[129] SYMPOSIUM ■ PALIMPSEST URBANISM: CHARTING THE LONG-TERM DEVELOPMENT OF THE ANCIENT MAYA CENTER OF ACTUNCAN, BELIZE****Room:** Lincoln 3**Time:** 6:00 PM–9:15 PM**Chairs:** David Mixter and Lisa LeCount**Participants:**

- 6:00 Lisa LeCount—Examining the Institutionalization and Transformation of Maya Kingship at Actuncan, Belize Using Collective Action Theory

Thursday Evening, April 12

- 6:15 M. Kathryn Brown and Jason Yaeger—The Shifting Political Landscape of the Mopan Valley: A Diachronic Perspective
- 6:30 Thomas Jamison and David Mixter—Public Architecture and Space at Actuncan
- 6:45 Angela Keller—The View from Below: Plaza Spaces at Actuncan, Belize
- 7:00 Kara A. Fulton, David Mixter and Borislava Simova—Residential Trajectories of Commoner, Elite, and Noble Spaces at Actuncan, Belize
- 7:15 Carolyn Freiwald, Kara A. Fulton, Nicholas Billstrand and Destiny Micklin—Making an Ancestor at Actuncan: Exploring the Origins, Health, Burial Treatment and Taphonomy of a Late Classic Maya Residential Eastern Structure
- 7:30 Borislava Simova—Negotiations in the Ritual and Social Landscape of Actuncan, Belize
- 7:45 E. Christian Wells, Kara A. Fulton, David Mixter and Borislava Simova—The View from the Ground: How Geochemistry Informs Our Understanding of the Regal, Ritual, and Residential Character of Actuncan
- 8:00 Theresa Heindel—Ancient Maya Land Use: Water Management and Agricultural Production at Actuncan, Belize
- 8:15 John Blitz and Lisa LeCount—Groundstone Manos and Metates as a Measure of Ancient Maya Political Economy at Actuncan, Belize
- 8:30 David Mixter—Urban Reworking as Political Action at the Ancient Maya City of Actuncan, Belize
- 8:45 Olivia Navarro-Farr—Discussant
- 9:00 David Carballo—Discussant

**[130] SYMPOSIUM ■ DIGITAL HERITAGE TECHNOLOGIES, APPLICATIONS AND IMPACTS****Room:** Lincoln 4**Time:** 6:00 PM–9:15 PM**Chair:** Laura Harrison**Participants:**

- 6:00 Laura Harrison—Digital Heritage in Archaeology in the 21st Century
- 6:15 Emanuel Moss and Christopher H. Roosevelt—Digital Technology, Digital Practices: Incorporating Digital Techniques into Archaeological Excavation and Interpretation
- 6:30 Kacey Hadick—Archaeological Storytelling: Narrative Construction Using Virtual Reality
- 6:45 Robert DeMuth, Joshua J. Wells, Kelsey Noack Myers, David Anderson and Eric Kansa—Archaeological Geographies - A Reflexive Consideration of the Impact of Archaeology across Racial and Socioeconomic Regions Using DINAA
- 7:00 Katherine Cook and Genevieve Hill—Museums as Classrooms: Lessons in Applied Collaborative Digital Heritage
- 7:15 Nicola Lercari, Denise Jaffke, Jad Aboulhosn, Graham Baird and Anaïs Guillem—Citizen Science Archaeology at Bodie State Historic Park
- 7:30 Questions and Answers
- 7:45 Davide Tanasi, Ilenia Gradante and Stephan Hassam—From Field to Screen: Best Practices for Digital Recording and Global Sharing of Catacombs from Late Roman Sicily
- 8:00 John Wallrodt and Denitsa Nenova—Beyond Research Design: Digital Resource Management for the Next Generation
- 8:15 Worthy Martin, Carrie Heitman and Paul Reed—The Salmon Pueblo Archaeological Research Collection (SPARC) Project : Making the Data Accessible
- 8:30 Sarah Whitcher Kansa, Anne Austin, Ixchel Faniel, Eric Kansa and Ran Boytner—Considering Communities of Practice throughout the Data Lifecycle

Thursday Evening, April 12

- 8:45 Adam Rabinowitz and Iulian Bîrzescu—Communicating in Three Dimensions:  
Questions of Audience and Reuse in 3D Excavation Documentation Practice
- 9:00 Michael Decker—Discussant

**[131] SYMPOSIUM ■ PERSPECTIVES ON DOCUMENTARY RELATIONS, ETHNOGRAPHIC  
OBSERVATIONS AND ARCHAEOLOGICAL INTERPRETATIONS: PAPERS IN HONOR OF  
CARROLL L. RILEY**  
**Room:** Maryland C  
**Time:** 6:00 PM–9:30 PM  
**Chairs:** John Carpenter and Matthew Pailes

**Participants:**

- 6:00 Richard Lange—The Southwest Journeys of Adolph F. Bandelier, Charles H. Lange, Elizabeth M. Lange, and Carroll L. Riley
- 6:15 Cynthia Radding—Reading Cultural Landscapes in Time and Space: Ostimuri in Historical Archives and Archaeological Remains
- 6:30 John Carpenter and Guadalupe Sanchez Miranda—Archaeology and Ethnohistory in the Sahuaripa Region of Eastern Sonora
- 6:45 Matthew Pailes—What's Really Important in the Ethnohistory of Sonora?
- 7:00 Natalia Martínez-Tagüenia, Lorenzo Herrera-Casanova and Luz Alicia Torres-Cubillas—Comcaac Collaborative Ethnohistory: The Importance of Objects, Places, Routes and Leaders
- 7:15 Paul Fish and Suzanne Fish—Dimensions of Multi-ethnicity in Hohokam Society
- 7:30 Maren Hopkins—Archaeology and Ethnohistory of the Western Papaguería: Let's Not Forget the People
- 7:45 Deni Seymour—Whenever the Twain Shall Meet: Merging Ethnohistorical and Archaeological Data
- 8:00 Clay Mathers—Moho Rising: Sixteenth-Century Battlefields, Lived Lives, and the Creation of Archaeological and Historical Frameworks that Work
- 8:15 Richard Flint—Crossroads of Disciplines: Precipitating Causes and Latent Causal Conditions
- 8:30 Polly Schaafsma—Proposed Historical Origins of the Tablita Dance of the Rio Grande Pueblos
- 8:45 Samuel Duwe—Not Abandoning the Middle Place: Rethinking the Historic Tewa Pueblo World
- 9:00 Thomas Sheridan and Stewart B. Koyiyumptewa—The Way Forward: Native and Non-Native Collaboration as well as Multi-disciplinary Research Strategies
- 9:15 Norman Yoffee—Discussant

**[132] SYMPOSIUM ■ ARE WE INKAS? INKAS AND LOCAL POLITIES INTERACTIONS AS SEEN  
THROUGH THE MATERIAL CULTURE**  
**Room:** Delaware A  
**Time:** 6:00 PM–9:30 PM  
**Chairs:** Alejandro Chu and Luisa Esther Diaz Arriola

**Participants:**

- 6:00 Gary Urton—The Tension between Standardization and Regionalism in Cord-Keeping in Tawantinsuyu
- 6:15 Florencio Delgado Espinoza—Interaction and Resistance against the Inka on the Land of the Cañaris, Southern Ecuador
- 6:30 Ronald Lippi, Alejandra Gudiño, Estanislao Pazmiño and Esteban Acosta—Incas and Yumbos at Palmitopamba, Tulipe and Other Notable Sites on the Northwestern Periphery of Tawantinsuyo

Thursday Evening, April 12

- 6:45 Josefina Vasquez—Puruwá Polity under Inka Rule in Colta, Chimborazo Province (Ecuador)
- 7:00 Luisa Esther Diaz Arriola—Ychsma Cultural Identity in Armatambo during Inca's Occupation, Peruvian Central Coast
- 7:15 Mayra Carmen and Krzysztof Makowski—Styles, Technology and Identities: Origins and Uses of Provincial Inca Ceramics in Pueblo Viejo-Pucará, a Huarochiri's Mitmaquna Settlement in the Lurin Valley
- 7:30 Jessica Christie—Inka Economic and Ritual Landscapes in the Cañete Valley: Strategies to Align the Lunahuana and Guarco
- 7:45 Alejandro Chu—Inka and Local Elite Interaction as Reflected at the Inka Site of Incahuasi, Cañete, South Central Coast of Peru
- 8:00 Viviana Siveroni—The Incas in Nasca: A Review of Data from the Northern Drainage
- 8:15 Lidio Valdez—The Inca State and the Valley of Acari, Peru
- 8:30 Jose Barragan—Fortification on the Margins of the Bolivian Eastern Highlands
- 8:45 Lynn Kim and Andrea Goytia —A Colonial Space in the Camata-Carijana Valley: A Review of the Tambo, Maukallajta
- 9:00 Valeria Franco Salvi and Carlos Angiorama—The Inca State from the South. Agricultural Landscape and Transformations in Pozuelos (Jujuy, Argentina)
- 9:15 Questions and Answers

**[133] SYMPOSIUM ■ CHASING HUNTER-GATHERERS AND EARLY FARMERS IN THE GREAT LAKES AND BEYOND – 45 YEARS OF RESEARCH DEDICATED TO UNDERSTANDING THE DYNAMICS BETWEEN PEOPLE, ENVIRONMENT, AND BEHAVIOR: PAPERS IN HONOR OF WILLIAM A. LOVIS**

**Room:** Delaware B

**Time:** 6:00 PM–9:30 PM

**Chairs:** Marieka Brouwer Burg, Randolph Donahue and Maria Raviele

**Participants:**

- 6:00 Susan Kooiman—Foodways and Technological Transformation in the Upper Great Lakes: A Multidimensional Analysis of Woodland Pottery from the Cloudman Site (20CH6)
- 6:15 Michael Hambacher—Traverse Ware: A Case Study in Ceramic Regionalization, Style Horizons, Interaction Patterns, and Ethnicity in the Late Prehistoric Upper Great Lakes
- 6:30 Kathryn Frederick—Identifying Subterranean Storage Features: A Cautionary Tale
- 6:45 Meghan Howey—Mishipishu and Danger in the Inland Waterway Landscape of Northern Michigan
- 7:00 Sean Dunham—Feeling the Juju: Archaeological Survey as Traditional Knowledge
- 7:15 Jon Carroll—Assyrians at the Gate: Rethinking the Siege at Tel Lachish
- 7:30 Randolph Donahue, Antony Dickson, Ann Clark and Fraser Brown—Further Understanding of Subsistence and Settlement in the Later Mesolithic of Northern England
- 7:45 Questions and Answers
- 8:00 Marieka Brouwer Burg—Certainty about Uncertainty: Lessons Learned from Modeling Human Land Use and Decision Making
- 8:15 Maria Raviele—Mentoring a Versatile PhD: From Archaeology to an AltAc Career
- 8:30 Michael Polk—Reflections of a Michigan State Graduate's Career in the American West
- 8:45 James Brown—Discussant

Thursday Evening, April 12

- 9:00 Lynne Goldstein—Discussant  
 9:15 George Monaghan—Discussant

**[134] SYMPOSIUM ■ NEW APPROACHES TO THE ARCHAEOLOGY OF RITUAL IN THE SUBTERRANEAN REALM**

**Room:** Maryland B

**Time:** 6:00 PM–9:45 PM

**Chairs:** James Brady and Cristina Verdugo

**Participants:**

- 6:00 Rebecca Sload—Means, Motive, and Opportunity: Use of the Sun Pyramid Cave at Teotihuacan Post Termination  
 6:15 Andrea Ogaz, Samantha Lorenz and Toni Gonzalez—Revisiting the Mortuary Function of Chultunes  
 6:30 Wendy Layco, Jessica Strayer, Samantha Lorenz and Toni Gonzalez—Cavetuns: Unexplored Theoretical Implications of a Discovery at Mul Ch'en Witz, La Milpa, Belize  
 6:45 Guillermo De Anda Alaniz—Reconceptualizing Chichen Itza: The Gran Acuífero Maya Project  
 7:00 Cristina Verdugo, Jeremy Coltman, James Brady and Guillermo De Anda Alaniz—Cenote Xtoloc: Paying Attention to the Ignored Cenote  
 7:15 Melanie Saldana, James Brady, Robert Schmittner, Cristina Verdugo and Guillermo De Anda Alaniz—Balankanche Revisited: Some Preliminary Observations  
 7:30 Allan Cobb, James Brady and Guillermo De Anda Alaniz—Demystifying the High Priest's Grave: Investigations in the Cave/Cenote below the Osario  
 7:45 Donald Slater and Ryan Collins—Just for the Celt of It: Investigations and Discoveries beneath the Petroglyph Panels of Aktun Kuruxtun, Yucatan  
 8:00 Eric Lo, Dominique Rissolo, Michael Hess, Dominique Meyer and Falko Kuester—Photogrammetric Techniques for Digital Documentation of Subterranean Maya Architecture  
 8:15 Nicholas Poister, Lilly Buckley Vargas and Holley Moyes—Fragmentary Ceramic Assemblages as a Record of Ritual Practice at Las Cuevas, Belize  
 8:30 Erin Ray and Holley Moyes—Investigations of Plastered Constructions at Las Cuevas, Belize  
 8:45 Marilyn Bueno—The Role of Rockshelters among the Lowland Maya  
 9:00 Jocelyn Acosta—Caves, Copper, and Pilgrimage: Reinterpretation of Quimistan Bell Cave in Northwestern Honduras  
 9:15 Joseph Orozco—Disregarded Ritual: A Critical Reassessment of North American Subterranean Features  
 9:30 Humberto Nation, Leah Minc, Holley Moyes, Polly Peterson and James Brady—Analysis of Culturally Derived Speleothem by INAA: An Analytic Approach to Sourcing

**[135] SYMPOSIUM ■ BURNING LIBRARIES: ENVIRONMENTAL THREATS TO HERITAGE AND SCIENCE**

*(Sponsored by SAA Climate Change Strategies and the Archaeological Record Committee)*

**Room:** Washington Room 3

**Time:** 6:00 PM–9:45 PM

**Chair:** Thomas H. McGovern

Thursday Evening, April 12**Participants:**

- 6:00 David Anderson, Thaddeus Bissett, Stephen Yerka, Joshua J. Wells and Eric Kansa—Drowning the Library: Sea-Level Rise and Archaeological Site Destruction in the Southeastern United States
- 6:15 Stephen Dockrill and Julie Bond—Swandro, Rousay, Orkney: Between Sea and Land
- 6:30 Amy Ollendorf, Chad Donnelly, Brady Woodard and Kyle Volk—Mitigation and Management in the Context of Climate Change at Three Historic Properties on the Great Plains, USA
- 6:45 Ramona Harrison—Saving Siglunes from the Sea
- 7:00 Anne Jensen—Salvaging Heritage and Data from Walakpa: A Case Study of the Walakpa Archaeological Salvage Project (WASP)
- 7:15 Isabel Rivera-Collazo—Coastal Erosion and Extreme Atmospheric Events: Climate Change and Coastal Cultural Heritage in Puerto Rico
- 7:30 Vibeke Vandrup Martens and Michel Vorenhout—The Follo Railroad Environmental Monitoring Project in Medieval Oslo, Norway
- 7:45 Ani St. Amand, Alice R. Kelley and Daniel H. Sandweiss—Assessing Destruction Risk of Cultural Resources: Primary and Secondary Impacts of Climate Change on the Archaeological Record
- 8:00 Konrad Smiarowski, Christian K. Madsen and Michael Nielsen—From Medieval Wool Tunics to Bone Powder: Rapid Degradation of Norse Middens in Southwest Greenland
- 8:15 Hans Harmsen, Jørgen Hollesen, Henning Matthiesen, Bo Eberling and Christian K. Madsen—Climate Change and the Rapid Loss of Organic Deposits in West Greenland
- 8:30 Alice R. Kelley, Jacquelyn Miller, Joseph T. Kelley, Arthur Spiess and Daniel Belknap—Burning Libraries and Drowning Archives: Shell Middens on the Maine Coast
- 8:45 Karen Walker, Jennifer Haney, William Marquardt, Rachael Kangas and Sara Ayers-Rigsby—Archaeological Shoreline Monitoring in a Climate-Changing SW Florida: The Case of a Rapidly Eroding, Rare, Late-Archaic Shell Midden at Calusa Island
- 9:00 Sandra Pentney and Stephen Bourne—Using the City Simulator Tool to Aid in Preservation during Resiliency Planning
- 9:15 Ruth Maher and Jane Downes—Sustainable Heritage through Community Engagement and Education
- 9:30 Rachael Kangas and Sarah Miller—Heritage Monitoring Scouts (HMS) Florida: Pragmatic Responses to Heritage at Risk

**[136] SYMPOSIUM ■ PERFORMING IN THE SHADOWS: RITUAL PRODUCTION IN CAVES AND ROCKSHELTERS****Room:** Washington Room 4**Time:** 6:00 PM–9:45 PM**Chairs:** Holley Moyes and Kelsey Hanson**Participants:**

- 6:00 Kelsey Hanson—On the Persistence of Tradition: Caves, Ritual Performance, and Secrecy among Multi-ethnic Communities in the U.S. Southwest
- 6:15 Scott Nicolay—Offerings in the Mogollon Underworld: Big-Eyed Beings and Birds
- 6:30 John Johnson—Cave Rituals in South Central California: Ethnographic and Archaeological Interpretations
- 6:45 Mary Gorden—Role of Rockshelters and Caves in Yokuts and Western Mono Cultures

Thursday Evening, April 12

- 7:00 Gerardo Gutiérrez and Mary E. Pye—Were-Jaguars, Birdmen, and Community Performance in the Rain Petition Ceremonies in the Caves of the Upper Balsas River, Eastern Guerrero, Mexico
- 7:15 Carlos Rincon Mautner—Cave Character, Ritual Performance, and Social Participation in the Mixteca-Puebla Region of Mexico
- 7:30 Holley Moyes, Kelsey Hanson and Erin Ray—The Space of Liminality: Between Ritual and Theater in Late Classic Ancient Maya Cave Rites
- 7:45 Margarita Diaz-Andreu and Tommaso Mattioli—Acoustic Effects at Las Cuevas Cave (Western Belize): An Archaeoacoustic Analysis of a Maya Cave
- 8:00 Karen Holmberg—Acts of Nature and Culture: Caves, Performance, and Transformation
- 8:15 Robin Skeates, Jessica Beckett and Cezary Namirski—Ritual Performances in and around Caves in Bronze Age Sardinia
- 8:30 Sonia Machaue López—Walking into the Shadows in the Iberian Ritual Caves (6th–1st Centuries BC)
- 8:45 Agni Prijatelj—The Vital Force of Underground Places and Ritual Production in Caves and Rockshelters
- 9:00 Pablo Arias—Paleolithic Art and Ritual: An Exploration on Human Activity inside Caves in Southwestern Europe
- 9:15 Paul Pettitt—Neanderthal Activities in Caves: Was There a Ritual Dimension?
- 9:30 Takeshi Inomata—Discussant

**[137] SYMPOSIUM ■ NEXT GENERATION ARCHAEOLOGICAL SCIENCE: EVERYTHING YOU WANTED TO KNOW BUT WERE AFRAID TO ASK**

*(Sponsored by Journal of Archaeological Science)*

**Room:** Marriott Salon 3

**Time:** 6:00 PM–10:00 PM

**Chairs:** Robin Torrence and Marcos Martín-Torres

**Participants:**

- 6:00 Ellery Frahm—Pack Your Boots, Trowel, and Ray Gun: Advances in Portable XRF for Archaeological Science
- 6:15 Dolores Piperno—The Past (and Future?) of Our Crop Plants in Changing Global Environments
- 6:30 Stephen Shennan—Dates as Data: Where Are We Now in Using Radiocarbon Dates to Infer Population Histories?
- 6:45 Sam Lin—Archaeological Science or Scientific Archaeology: Where Does “Science” Lie in Stone Artefact Research?
- 7:00 Tamsin O’Connell—Isotopic Analysis for Palaeodiet and Geolocation
- 7:15 Laure Dussubieux, Thomas Fenn, Shinu Abraham and Alok Kanungo—Pushing Boundaries in the Scientific Investigation of Glass: A New Project to Source Ancient Indian Glass
- 7:30 Laura Weyrich, Alan Cooper and Keith Dobney—Ancient DNA Analysis of Microbes Preserved in Dental Calculus: Challenges and Opportunities
- 7:45 Questions and Answers
- 8:00 Siran Liu, Thilo Rehren, Wei Qian, Jianli Chen and Marcos Martín-Torres—A Complex History of Human-Environment Interaction Revealed by the Study of Metal Production Industries in Imperial China
- 8:15 Gilliane Monnier—Lithic Residue Analysis in 2018: Prospects and Challenges
- 8:30 Philippe Dillmann, Stéphanie Leroy, Sylvain Bauvais, Maxime L’Heritier and Alexandre Disser—New Insights for Provenance Studies of Iron Artifacts
- 8:45 Annelou Van Gijn—Back to Basics: Next Generation Experimental Archaeology

Thursday Evening, April 12

- 9:00 Nathan Wales, Kristen Gremillion, Bruce D. Smith, Melis Akman and Benjamin K. Blackman—The Future of Paleogenomics in Archaeology: Insights from a Multidisciplinary Study on Sunflower Domestication
- 9:15 Chris Hunt, Evan Hill, Paula Reimer and Graeme Barker—Radiocarbon Dating of Land Snail Shell and the Chronology of MSA-Neolithic Human Activity in the Haua Fteah, Libya
- 9:30 Nicole Boivin—Discussant
- 9:45 David Thomas—Discussant

**[138] SYMPOSIUM ■ ARCHAEOLOGICAL COLLECTIONS CARE FOR THE COLLECTIONS SPECIALIST: CURRENT TOPICS AND INNOVATIVE TRENDS IN THE REPOSITORY**  
*(Sponsored by SAA Committee on Museums, Collections, and Curation)*  
**Room:** Lincoln 5  
**Time:** 6:00 PM –10:00 PM  
**Chairs:** Danielle Benden and Michelle Knoll

**Participants:**

- 6:00 Danielle Benden and Mara Taft—New Digs for an Old Collection: A Case Study in Rehabilitating Legacy Collections
- 6:15 Michelle Knoll—Wrestling That 200-Pound Gorilla in the Room: Practical Solutions for the Care and Management of Associated Records
- 6:30 Morag Kersel—Curatorial Cures: Storage, Partage, and the Colonial
- 6:45 Nancy Odegaard—Collections Care and Preventive Conservation in the Archaeological Repository
- 7:00 Glenna Nielsen-Grimm—Solutions for Stabilizing and Caring for Organic Archaeological Collections
- 7:15 Nicolette Meister and William Green—Solutions for Stabilizing and Caring for Inorganic Archaeological Collections
- 7:30 Questions and Answers
- 7:45 Patricia Emerson and Nancy Hoffman—Technical, Political and Social Issues in Archaeological Collections Data Management
- 8:00 Jodi Reeves Eyre—Resources, Goals, and Standards: The Basics of Digitizing Archaeological Collections and Legacy Materials
- 8:15 David Knoerlein—Museum Quality Images Every Time, “It’s So Easy an Archaeologist Can Do It”
- 8:30 Julia King—Wonderful Things: Using Legacy Archaeological Collections for Research
- 8:45 Paola Schiappacasse—Stored and Forgotten: Academic Research Projects Using Archaeological Collections
- 9:00 John Hansen—When Is “Near” Close Enough? Old Data, New Interfaces and an Imperfect Present
- 9:15 Sheila Goff—Exhibit Development through Partnerships with American Indian Tribes and Museums
- 9:30 Maxine McBrinn, Lenora Tsosie and Joseph Aguilar—How to Update a Classic: The Renewal of Here, Now and Always at the Museum of Indian Arts and Culture
- 9:45 Questions and Answers

Thursday Evening, April 12**[139] SYMPOSIUM ■ CONTEXTUALIZING MUSEUM COLLECTIONS AT THE SMITHSONIAN INSTITUTION****Room:** Lincoln 6**Time:** 6:00 PM –10:00 PM**Chairs:** Maria Martinez and Risa Arbolino**Participants:**

- 6:00 Maria Martinez and Esther Rimer—Accessing the Object Collections at the Smithsonian's Institution National Museum of the American Indian and National Museum of Natural History
- 6:15 Maria Galban—Going Retro: Reconstructing NMAI Collections Histories
- 6:30 Vernon Knight—Communities of Practice and Sequencing from Older Caribbean Collections in the NMAI and NMNH
- 6:45 Alice Knaf, Joanna Ostapowicz and Gareth Davies—SIBA: The Research Potential of Bahamian/TCI Museum Collections
- 7:00 Rosemary Joyce—Archaeology in and with Museums: A Case Study from Honduras
- 7:15 Ainslie Harrison, Harriet "Rae" Beaubien, Kimberly Cullen Cobb, Emily Kaplan and Jennifer Giaccari—Re-contextualizing Pre-Columbian Gold and Resin Artifacts from Panama in the National Museum of the American Indian
- 7:30 Davide Domenici—An Underground Home for Earthly Beings. Reconstructing the Archaeological Context of a Lot of Mesoamerican Mosaic Encrusted Artifacts in the National Museum of the American Indian Collections
- 7:45 Cara Tremain—Taking Ancient Maya Vases off their Pedestals: A Case Study in Optical Microscopy and Ultra Violet Light Examination
- 8:00 Alexander Benitez—The Central American Ceramics Research Project: A Case Study on How to Make Old Museum Collections Relevant Again
- 8:15 Erin Sears—The New Adventures of Old Ceramic Figurines from Tres Zapotes, Mexico
- 8:30 Ann Rowe—Reconstructing the Inca Occupation Period in Chancay
- 8:45 Emily Kaplan—Materials Characterization at the National Museum of the American Indian: (Mostly) Non-destructive Analysis
- 9:00 Alyson Thibodeau, Allison Curley, Emily Kaplan and Ellen Howe—Lead Isotopes as Chronological Markers for Colonial Period Ritual Drinking Vessels in the Andes
- 9:15 Edward Jolie—Threads from the Present and the Past Come Together in Smithsonian Collections
- 9:30 Klinton Burgio-Ericson—Revisiting the Rubber-Sided Museum: A Case Study in Collections-Based Research
- 9:45 Steven LeBlanc—Discussant

**[140] SYMPOSIUM ■ EXTRACTION SITES AND CULTURAL LANDSCAPES***(Sponsored by SAA Prehistoric Quarries and Early Mines Interest Group)***Room:** Thurgood Marshall Ballroom East**Time:** 6:00 PM–10:00 PM**Chair:** Lynn Fisher**Participants:**

- 6:00 Lynn Fisher, Susan Harris, Corina Knipper and Rainer Schreg—Lithic Production and Consumption in a Chert-Rich Upland: Exploring Local Patterns on a Neolithic Landscape in Southern Germany
- 6:15 Michael Brandl and Daniel Modl—The Rein Basin Chert Mine, Styria, Austria: A Neolithic Center for Tabular Chert Quarrying
- 6:30 Tao Shi—Resource, Transportation and the Political Landscape of the Chinese Bronze Age

Thursday Evening, April 12

- 6:45 Andrew Zipkin, Stanley Ambrose, Gideon Bartov, Alexander Taylor and Mercy Gakii—Ethno-archaeometry of Ochre Mineral Pigment Extraction, Transport, and Use in the Kenya Rift Valley
- 7:00 Rachel Horowitz—Chert Extraction and Production in Resource-Rich Regions: Chert Economies among the Late Classic Maya of Western Belize
- 7:15 Kristen Fuld and Terry Ozburn—Cultural Landscapes of Glass Buttes, Oregon
- 7:30 Jeanne Binning—Prehistoric Tool Stone Acquisition and Use in the Central Mojave Desert
- 7:45 Ron Adams—Examining Patterns of Toolstone Procurement in an Edible Lithic Landscape on the Columbia Plateau
- 8:00 Questions and Answers
- 8:15 Terry Ozburn—Estimating Orthoquartzite Quarry Production on the Llano Estacado
- 8:30 Douglas MacDonald—Cougar Creek Obsidian: Quarry Activity and Secondary Processing of a Minor Yellowstone Obsidian
- 8:45 Anne S. Dowd—Sacred Stone, Sacred Land: A Traditional Native American Quarry Cultural Landscape
- 9:00 Stance Hurst, Ricardo Chacon, Eileen Johnson and Doug Cunningham—Lithic Technology of Manufacturing Stone Tools at Gravel Quarry Source Locations Using Heat-Treatment
- 9:15 Ryan Parish and Brad Koldehoff—Documenting the Crescent Hills Quarry Complex, Missouri
- 9:30 Greg Hendryx, Joost Morsink and Charlotte Pevny—From Quarry to Mine: Citronelle Gravel Extraction in Southwest Mississippi
- 9:45 Victor Serrano—In the Hunt for Mona Island Guano Miners: Archival Documentation in the General Archives of Puerto Rico

**[141] SYMPOSIUM ■ ARTIFACT CHARACTERISTICS, PRODUCTION PROCESSES AND SOCIAL INTERACTIONS IN THE ANDEAN LANDSCAPE**

**Room:** Thurgood Marshall Ballroom South

**Time:** 6:00 PM–10:00 PM

**Chair:** Ann Peters

**Participants:**

- 6:00 Ann Peters—Cultivation and Herding Practices, Fiber Colors and Textile Styles in the Paracas-Nasca Transition
- 6:15 Michelle Young—From Near and Far: Application of Archaeometric Techniques to Characterize Regional and Long-Distance Interaction at the Formative Period Center of Atalla, Peru
- 6:30 Christian Mader, Markus Reindel and Johnny Isla—Sea Shells in the Mountains and Llamas on the Coast: The Vertical Economic Organization of the Paracas in Palpa, South Peru (370–200 BC)
- 6:45 Dawn Kriss, Ellen Howe and Judith Levinson—A Technical Study of Post-Fire Painted Paracas Ceramics: Regional Exchange and Material Culture
- 7:00 Jessica Lévy—A Pyro-Engraved Gourd from Cahuachi: Iconographic and Technical Analysis of a Nasca Masterpiece
- 7:15 Kathleen Huggins—It's (Not) Just a Phase: Characterizing Surfacing Techniques in the Ancient Andes
- 7:30 Elizabeth Klarich and Laure Dussubieux—Making and Moving Pottery in the Northern Lake Titicaca Basin, Peru
- 7:45 Olga Gabelmann—Investigations on the Chaîne Opératoire, Technique and Practice: Formative Period Pottery Workshops in the Cochabamba Valley

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- 8:00 Estefanía Vidal-Montero, Itací Correa, Liz Vilches, Francisco Gallardo and Mauricio Uribe—Technologies of Clay: Pottery, Architecture, and the Transformation of Mud in the Atacama Desert (South-Central Andes)
- 8:15 Nicola Sharratt—Tradition and Transformation during the Middle Horizon to LIP Transition: Visual and Compositional Analyses of Tumilaca and Estuquiña Pottery in the Moquegua Valley, Peru
- 8:30 Kayeleigh Sharp—Beneath the Surface: Steps toward Resolving Gallinazo-Mochica Debates in Peru's Northern North Coast
- 8:45 Miriam Domínguez—Renderings of Knowledge and History in the Jubones River Basin: Neutron Activation Analyses and Petrography in the Ceramics of Potrero Mendieta (ca. 1,000 BCE)
- 9:00 Benjamin Carter—Making Bead Makers: Durability and Change in a Community of Practice among the Manteño-Guancavilca of Ecuador
- 9:15 Maria Masucci—Pottery Rituals and Ritual Pottery: Ceramic Production, Use, and Disposal among the Guancavilca of Coastal Ecuador (AD 800–1532)
- 9:30 María Inés Velarde and Pamela Castro de la Mata—Producción metalúrgica en la Costa Sur: de Paracas a Nasca
- 9:45 Izumi Shimada—Discussant

**[142] SYMPOSIUM ■ RECONCEPTUALIZING RURALITY: CURRENT RESEARCH IN THE ANCIENT MAYA HINTERLANDS**

**Room:** Marriott Salon 2

**Time:** 6:00 PM–10:00 PM

**Chair:** Céline Lamb

**Participants:**

- 6:00 Edy Barrios, Cameron L. McNeil, Mauricio Díaz, Walter Burgos and Antolín Velásquez—The Country and the City: Explorations of the Relationship between Río Amarillo and Copan, in the Copan Valley, Honduras
- 6:15 Christine C. Dixon and Payson Sheets—The Complex Community of Cerén, El Salvador: a Classic Maya Example of Heterogeneity
- 6:30 Markus Eberl, Sven Gronemeyer and Claudia Marie Vela González—A Non-elite Termination Ritual at the Classic Maya Capital of Tamarindito
- 6:45 Eva Lemonnier and Charlotte Arnauld—Defining Rurality at La Joyanca and Naachtun (Guatemala): Land Use, Architecture and Social Dynamics
- 7:00 Pete Demarte, Scott Macrae and Gyles Iannone—The Ancient Maya Settlement of Waybil, Belize: Middle-Level and Hinterland Settlement Investigations
- 7:15 Victoria Ingalls and Jason Yaeger—Public Spaces and Polity Making in Maya Hinterland Communities: A Case Study from San Lorenzo, Belize
- 7:30 Fred Valdez—Homogeneity, Diversity, and Complexity between Hinterland Communities of NW Belize
- 7:45 Stanley Walling—Late Classic Maya Commoner Myth, Ritual, and Landscape at Chawak But'o'ob, Belize
- 8:00 David Hyde—Elite Maya Social Identity at a Hinterland Community: The View from Medicinal Trail, NW Belize
- 8:15 Roberto Lopez Bravo—A Tale of Two Communities: Changing Aspects of Rurality at El Lacandon, Palenque, Chiapas
- 8:30 Chelsea Fisher—Three Walks Through Tzacauil: Engaging the Rural Landscape of Central Yucatán 2000 Years Ago, 1000 Years Ago, and Today
- 8:45 Luis Pantoja, Iliana Ancona, Maria Gomez and Claudia Gongora—Social Complexity of Peripheral Settlements on the Regional Capital of Ichkaansihoo
- 9:00 Céline Lamb—Crafting, Ritual, and the Constitution of Rural Complexity: Household and Community Practices of Distinction and Affiliation at Chunhuayum, Yucatán

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- 9:15 Rafael Cobos—Discussant  
 9:30 Nan Gonlin—Discussant  
 9:45 Questions and Answers

**[143] SYMPOSIUM ■ BIOMOLECULES AND MUSEUMS COLLECTIONS: CHALLENGES AND BEST PRACTICES FOR DESTRUCTIVE SAMPLING**

**Room:** Taft

**Time:** 8:00 PM–10:00 PM

**Chairs:** Rita Austin, Courtney Hofman and Sabrina Sholts

**Participants:**

- 8:00 Rita Austin, Courtney Hofman and Sabrina Sholts—Strategies for Understanding Biomolecular Preservation within Archaeological Collections  
 8:15 Sabrina Sholts—Ancient Biomolecules and Destructive Sampling at the National Museum of Natural History  
 8:30 Trisha Biers and Marta Mirazón Lahr—Innovation and Curation: Conservation and Access of University-Held Collections for Research  
 8:45 Samuel Carreon, Rita Austin and Sabrina Sholts—Caries from a Museum Skeletal Collections  
 9:00 Niels Lynnerup, Damgaard Peter, Hansen Henrik, Morten Allentoft and Ashot Magaryan—We just need a few milligrams....  
 9:15 Allison Mann, Susanna Sabin, Kirsten Ziesemer, Kirsten Bos and Christina Warinner—Differential DNA Preservation in Archaeological Dental Calculus and Dentin Has Implications for Ancient Microbiome Research  
 9:30 Logan Kistler, Saiful Islam, Mark Nesbitt, Roselyn Ware and Robin Allaby—The Search to Resurrect Muslin Cotton in Bangladesh  
 9:45 Cara Monroe, Paul Sandberg, Rita Austin, Marc Levine and Cecil Lewis—Ancient DNA Analyses of Dental Calculus from Plains Village Collections

**[144] SYMPOSIUM ■ “THE BRITISH ISLES”: ARCHAEOLOGICAL REALITY OR MODERN GEOPOLITICAL CONSTRUCT?**

**Room:** Park Tower Suite 8222

**Time:** 8:30 PM–10:00 PM

**Chair:** Allison Casaly

**Participants:**

- 8:30 Susan Johnston—Ireland in the Iron Age: Interaction, Identity, and Ritual  
 8:45 Kathryn Whalen and T. L. Thurston—“Milk sweet and sower, bread in cakes”: United and Divided Foodways in Post-Medieval Northern Ireland  
 9:00 Allison Whitlock—Medieval Agricultural Practices in the “Champion” Region  
 9:15 Marc Vander Linden—“British”, “Irish” and “Continentish”: Practising Comparative in the Later Prehistory of North-Western Europe  
 9:30 Ian Armit—Can We Define a British Iron Age?  
 9:45 Allison Casaly—A Distant Perspective: Characterization of Britain and Ireland in Studies of Large-Scale Exchange

Thursday Evening, April 12

- [145]    **SYMPOSIUM ■ CASE STUDIES FOR THE SALALAH DOCTRINE: ARCHAEOLOGICAL HERITAGE MANAGEMENT OF WORLD HERITAGE SITES**  
          *(Sponsored by ICAHM)*  
          **Room:** Taylor  
          **Time:** 8:45 PM–10:00 PM  
          **Chair:** John Peterson

**Participants:**

- 8:45    Cynthia Dunning Thierstein, Sabah Jasim, Eisa Yousif and Ellinor Dunning—  
          Mleiha Archaeological Park: Management of a Future UNESCO World Heritage  
          Site within Nature and Culture  
9:00    John Peterson—World Heritage Listings, Changing Climate, and the Salalah  
          Doctrine: Archaeological Heritage Management at Nan Madol Monument,  
          Pohnpei, FSM  
9:15    Ian Lilley—Discussant  
9:30    Assaad Seif—The Doctrine for Management of Archaeological World Heritage  
          Sites, the Case of Some Selected Sites in Lebanon  
9:45    Assaad Seif—Discussant

Friday Morning, April 13**Friday Morning ■ April 13, 2018****[146] GENERAL SESSION ■ PROTOHISTORIC AND HISTORIC RESEARCH FROM AROUND THE MEDITERRANEAN BASIN****Room:** Jefferson**Time:** 8:00 AM–9:30 AM**Chair:** Ashley Cercone**Participants:**

- 8:00 Ashley Cercone and Zeynep Bilgen—Double Handled Vessels at Seyitömer Höyük in Kütahya, Turkey: The Manufacture, Use, and Trade of Depas Cups
- 8:15 Rachel Kulick—An Urban Micromorphological Perspective on Neopalatial Environmental Changes at Bronze Age Palaikastro, Crete
- 8:30 Laura Swantek—Reconfiguring Social Networks: The Emergence of Social Complexity before and after Urbanism on Cyprus
- 8:45 Sergi Lozano, Luce Prignano, Francesca Fulminante and Ignacio Morer—Network Models for the Emergence of Transportation Infrastructures in Central Italy (1175/1150–500 BC ca)
- 9:00 Eilis Monahan—Enclosure and Surveillance: The Development of a Disciplinary Landscape in Bronze Age Cyprus
- 9:15 Emily Anderson—Like a Lion, as a Man: Seals and Poetry in Minoan Crete

**[147] ELECTRONIC SYMPOSIUM ■ RAPID ABANDONMENT, DE FACTO REFUSE, OR PILGRIMAGE EVENTS: DECODING THE ARCHAEOLOGICAL SIGNIFICANCE OF TERMINAL “PROBLEMATIC” DEPOSITS IN THE MAYA LOWLANDS****Room:** Delaware A**Time:** 8:00 AM–10:00 AM**Chairs:** Jim Aimers, Julie Hoggarth and Jaime Awe**Participants:**

- Jaime Awe—The End Is Nigh: Applying Regional, Contextual and Ethnographic Approaches for Understanding the Significance of Terminal “Problematic” Deposits in Western Belize
- Julie Hoggarth—Using Bayesian Radiocarbon Chronologies in Conjunction with Artifact Inventories to Reconstruct the Timing and Formation of Peri-abandonment Deposits at Baking Pot, Belize
- Arlen Chase—Final Moments: Contextualizing On-Floor Archaeological Materials from Caracol, Belize
- Takeshi Inomata—Termination Deposits at Aguateca and Ceibal, Guatemala
- Brett A. Houk—“Problematic Deposits” at Chan Chich, Belize
- Jim Aimers—The Pottery of a Problematic Deposit from Cahal Pech, Belize, and Its Implications for the Interpretation of Similar Deposits
- W. James Stemp—Point Counter Point: Interpreting Chipped Chert Bifaces in a Terminal Classic “Problematic Deposit” from Structure A2 at Cahal Pech, Belize
- Chrissina C. Burke—To Eat, Discard, or Venerate: Faunal Remains as Proxy for Human Behaviors in Lowland Maya Terminal or Problematic Deposits
- Michael Petrozza—De Facto Refuse, Termination Deposits, and Abandonment Processes: Contextualizing the “Problematic”
- Lisa DeLance—Ancestor Veneration, Termination and Renewal: New Considerations of Construction Fill
- Andrew Snetsinger—Explaining Variability in On-Floor Assemblages: The Contextual-Behavioral Method
- Taylor Lawhon—To Love and to Leave or to Never Have Loved at All?: Abandonment Deposits within the Late Classic Maya Palace at Actuncan, Belize

Norbert Stanchly—Broken Molds, Burned Wealth, and Scattered Monuments: Defining the Terminal Classic Period at Pacbitun  
Cynthia Robin—Terminal Classic Terminal Deposits at Chan, Belize

**[148] FORUM ■ SO YOU WANT TO WORK?: A DISCUSSION ON NON-ACADEMIC CAREERS IN ARCHAEOLOGY**

*(Sponsored by SAA Student Affairs Committee)*

**Room:** Wilson A

**Time:** 8:00 AM–10:00 AM

**Moderators:** Jennifer E. Lapp and David Witt

**Participants:**

Joe Baker—Discussant  
Casey Campetti—Discussant  
Janet Johnson—Discussant  
Alexandra Jones—Discussant  
Jennifer E. Lapp—Discussant  
Daria Merwin—Discussant  
Kristy Primeau—Discussant  
Charles Vandrei—Discussant  
Kathryn Whalen—Discussant  
David Witt—Discussant

**[149] FORUM ■ COLLABORATING ON ARCHAEOLOGICAL COLLECTIONS CARE**

*(Sponsored by SAA Committee on Museums, Collections, and Curation)*

**Room:** Wilson C

**Time:** 8:00 AM–10:00 AM

**Moderators:** Roger Colten and Terry Childs

**Participants:**

Michelle LeFebvre—Discussant  
Hayley Singleton—Discussant  
Sara Rivers Cofield—Discussant  
Gil Nelson—Discussant  
Danielle Benden—Discussant  
Klaus Wagensohn—Discussant  
Katie V. Kirakosian—Discussant  
Terry Childs—Discussant  
Francis Lukezic—Discussant  
Teresita Majewski—Discussant

**[150] FORUM ■ CYCADS, HUMANS, AND MAIZE IN MESOAMERICAN ETHNOECOLOGICAL AND AGROECOLOGICAL SYSTEMS: TRACING AN ANCIENT RELATIONSHIP THROUGH ARCHAEOLOGY, GENOMICS, AND CULTURAL GEOGRAPHY**

**Room:** Hoover

**Time:** 8:00 AM–10:00 AM

**Moderators:** Joshua Englehardt and Michael Carrasco

**Participants:**

Angelica Cibrian-Jaramillo—Discussant  
Michael Calonje—Discussant  
Philip Arnold—Discussant  
Michael Carrasco—Discussant  
Joshua Englehardt—Discussant

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Amber VanDerwarker—Discussant  
 Jaime R. Pagan-Jimenez—Discussant  
 Andrew Vovides—Discussant

**[151] FORUM ■ CULTURAL RESOURCES IN THE AGE OF TRUMP****Room:** Johnson**Time:** 8:00 AM–10:00 AM**Moderators:** Kathryn Harris and Anna Neuzil**Participants:**

Jeffrey Altschul—Discussant  
 Allyson Brooks—Discussant  
 Eve Dewan—Discussant  
 Sara Gale—Discussant  
 Anna Neuzil—Discussant  
 Donald Weir—Discussant

**[152] FORUM ■ ADVANCES AND PROSPECTS IN THE ARCHAEOLOGICAL SCIENCES ON THE 40TH ANNIVERSARY OF THE SOCIETY FOR ARCHAEOLOGICAL SCIENCES (I)***(Sponsored by Society for Archaeological Sciences)***Room:** Taylor**Time:** 8:00 AM–10:00 AM**Moderators:** Robert Sternberg and Kyle Freund**Participants:**

Michael D. Glascock—Discussant  
 Brandi Lee MacDonald—Discussant  
 Alyson Thibodeau—Discussant  
 Wesley Stoner—Discussant  
 Arleyn Simon—Discussant  
 Tatsuya Murakami—Discussant  
 Sandra Lopez Varela—Discussant  
 Kyle Freund—Discussant  
 William Gilstrap—Discussant

**[153] POSTER SESSION ■ PALEOETHNOBOTANY****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 153-a J. Eduardo Eche Vega and Jose Peña—La subsistencia en el sitio de El Campanario, Valle de Huarmey
- 153-b Nicolas Bermeo, Michelle Elliott, Nicolas Goepfert and Belkys Gutiérrez—Fuel Use and Management at the Specialized Fishing Site of Bayovar-01 in Northern Coastal Peru (5th–8th Centuries AD), Contributions of Charcoal Analysis
- 153-c Rebecca Mendelsohn—Ritual and Domestic Plant Use on the Southern Pacific Coast of Mexico: A Starch Grain Study of the Formative to Classic Period Transition at Izapa
- 153-d Maria Nieves Zedeño, Francois Lanoe, Anna Jansson, Danielle Soza and Ashleigh Thompson—Ancient Landscapes of the Rocky Mountain Front: A View from the Billy Big Springs Site, MT

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- 153-e Carolina Belmar, Omar Reyes, Ximena Albornoz, Flavia Morello Repetto and Manuel J. San Román—Diet among Marine Hunter-Gatherer-Fishers of the Northern Patagonian Channels (41°50'- 47° S): Assessing Plant Use and Consumption through Dental Calculus Studies
- 153-f Martha Wendel, David L. Lentz, Timothy Beach and Sheryl Luzzadder-Beach—Raised Field Agriculture in the Maya Lowlands: Archaeobotanical Remains from Birds of Paradise
- 153-g Amanda Lane, Katherine Cynkar, Kimberly Kasper and Anthony Graesch—What's In a Seed?: An Experimental Archaeological Study of Elderberry (*Sambucas* sp.) Processing on the Pacific Northwest Coast
- 153-h Chuenyan Ng—Subsistence Economies among Bronze Age Steppe Communities in the Southeastern Ural Mountains Region, Russia
- 153-i Raymond Mauldin, J. Kevin Hanselka, Cynthia Munoz and Leonard Kemp—Old Collections and New Approaches: Estimating Mast Resource Use in the Lower Pecos Canyonlands of Southwest Texas
- 153-j Bryan Núñez Aparcana and Nina Castillo—The Paleoethnobotanical Remains of the Archaeological Site of Cerro Azul, Cañete (Lima, Peru): Changes through Occupation
- 153-k Amy Cromartie—Mountain, Steppes, and Barley: GIS Modeling of Human Environmental Interactions In the Armenian Highlands during the Bronze and Iron Ages
- 153-l Dominique Sparks-Stokes, Susan Allen and Alan P. Sullivan III—Deposition, Disturbance, and Dumping: The Application of Archaeobotanical Measures to Taphonomic Questions

**[154] POSTER SESSION ■ ARCHAEOOMETRY II****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 154-a Daniel Elliott and Michael Seibert—Get the Lead Out! Establishing a Global Database for the Elemental Analysis of Roundball Ammunition
- 154-b Roxana Cattaneo, Gisela Sario, Gilda Collo, Andres Izeta and Jose Caminoa—Tracking Quartz: A Methodological Approach to an Elusive Type of Sources Using Chemical Characterization According to Their Geological Origin
- 154-c Heidi Noneman, Todd VanPool and Christine VanPool—A Geochemical Look at Obsidian Procurement and Exchange in the Medio Period World: A Case Study 76 Draw (LA 156980)
- 154-d Lucas Martindale Johnson, Daron Duke, Jennifer DeGraffenried and Bruce Kaiser—Examining Handheld XRF Inter-instrument Variation: A Collaborative Project Using a Large Assemblage from the Great Basin
- 154-e David McCormick—Cotzumalguapa's Lithic Industry: Procurement, Production, and Distribution of Obsidian Artifacts of a Late Classic Mesoamerican Polity
- 154-f Alexandra Edwards, Robert Speakman, Alice Hunt, David Thomas and Anna Semon—Lead Isotope Analysis of Bronze Bells from Spanish Colonization Era
- 154-g Cyrus Banikazemi—Metal, Pigment, and Prestige: An Analysis of the Form, Decoration, Status, and Use of Inca Stone Vessels
- 154-h Kevin Wright and Elliot Blair—Using XRF Analysis on Historic Choctaw Ceramics from Chickasawhay Creek, Kemper County, MS
- 154-i Branden Rizzuto and Justin Jennings—Procurement and Use of Obsidian at the Middle Horizon – Late Intermediate Site of Quilcapampa, Valle de Sigüas, Arequipa, Peru

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- 154-j Christine Bergmann and Robert H. Tykot—Assessing Food-Based Trade and Mobility in the Chincha Valley (Peru) Using Portable X-Ray Fluorescence Spectrometry
- 154-k Monica Dyer—XRF Analysis of North Carolina Piedmont Ceramics to Locate Source of Production and Trade at Rural Plantation Sites
- 154-l James Zimmer-Dauphinee, Arlen Talaverano, Kevin Jara and Steven A. Wernke—pXRF in the Colca Valley: Experimenting with a Nondestructive Chemical Discrimination of Ceramic Fragments

**[155] POSTER SESSION ■ HUNTER GATHERER ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 155-a Kirsten Tharalson and Leland C. Bement—Late Archaic Southern Plains Bison Kills: Accumulated Analysis Results at the Certain Site, Western Oklahoma
- 155-b Amalia Nuevo Delaunay, Juan Belardi and Flavia Carballo Marina—Post-contact Times in Southern Patagonia
- 155-c Juan Belardi, Flavia Carballo Marina, Gustavo Barrientos and Patricia Campan—Southern Patagonian Hunter-Gatherers: Distributional Archaeology in the North Shore of the Viedma Lake (Santa Cruz, Argentina)
- 155-d Fumie Iizuka, Masami Izuho and Mark Aldenderfer—Evaluating the Advent of Neolithic in Southern Kyushu, Japan, through Systematic Ceramic, Lithic, and Paleoenvironmental Studies
- 155-e Anthony Morales—A Late Pleistocene-Early Holocene Site in the Western Great Basin: A Preliminary Study of the Rose Valley Site (CA-INY-1799)
- 155-f Michael Cook—Geographic Distribution Analysis of Elko Series Projectile Points across the Great Basin
- 155-g Ismael Sánchez-Morales, Kayla Worthey and Guadalupe Sánchez—A Gomphothere Kill and a Clovis Campsite: The Clovis Faunal and Lithic Assemblages from El Fin del Mundo, Sonora, Mexico
- 155-h Christopher Jazwa, Chloe McGuire, David Zeanah and Douglas Bird—Pre-contact Settlement Patterns in a Clay Pan and Wetland Environment in Australia's Sandy Deserts
- 155-i Manuel J. San Román, Flavia Morello Repetto, Jimena Torres, Victor Sierpe and Karina Rodriguez—Maritime Hunter-Gatherers from Southernmost Patagonia (South America, Chile): Discussing Occupation Intensity and Resource Exploitation Strategies for the Central Strait of Magellan during the Late Holocene (2500 BP – XVIII Century)
- 155-j Michael Neeley and Craig Lee—Assessing Cortex at the Beaucoup Site (24PH188/189) in Northern Montana
- 155-k Flavia Morello Repetto, Marta Alfonso-Durruty, Tom Amorosi, Victor Sierpe and Manuel J. San Román—Junius Bird Collections from Sites Rockshelter 1, 2 and 3 (Beagle Channel, Patagonia, Chile)
- 155-l Jordan Pratt and Ted Goebel—Exploring the Age of Western Stemmed Points at the Nials Site, Harney Basin, Oregon
- 155-m Asia Alsgaard, Carolyn Freiwald, Stephanie Orsini, Douglas J. Kennett and Keith M. Prufer—Quantifying the Exploitation of Faunal Remains by Preceramic Societies in Southern Belize
- 155-n Kevin Ripley, Laura Dzvonick, Tina Nupuf, Noble Eisenlauer and Ronald Falseit—Convergence of Tears at Momonga: Spiritual, Social and Personal Interactions of the Multiethnic Mourning Ceremony

Friday Morning, April 13**[156] POSTER SESSION ■ ARCHAIC LANDSCAPES: POVERTY POINT AND THE BROADER AMERICAN SOUTHEAST****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Chair:** Matthew Sanger**Participants:**

- 156-a Shannon Torrens—Moving Earth at Poverty Point: Investigating “Perforators” as Specialized Basket Making Tools
- 156-b Rebecca Hunt, Tiffany Raymond, Anna Patchen, Sarah Gilleland and Matthew Sanger—Prepared Floors on Mound A Revealed through Near-Surface Geophysics
- 156-c Tiffany Raymond, Carl P. Lipo, Matthew Sanger, Timothy de Smet and Anna Patchen—Magnetometer Surveys and the Complex Prehistoric Landscape of Poverty Point, Louisiana
- 156-d Sarah Gilleland, Jennifer Amico, Anna Patchen, Tiffany Raymond and Rebecca Hunt—The Rings of Poverty Point, UNESCO World Heritage Site: A Geophysical Investigation
- 156-e William Frazer, James Bourke, Timothy de Smet and Alex Nikulin —Seismic Survey of Poverty Point Mound A
- 156-f Michael Hargrave, R. Berle Clay, Diana Greenlee and Rinita Dalan—New Evidence for Poverty Point’s Complex Developmental History
- 156-g Alesha Marcum-Heiman and Diana Greenlee—Beyond the Boundaries: Systematic Survey of the Poverty Point Landscape
- 156-h Kelly Ervin—Parsing out the Pace of Occupation at Poverty Point

**[157] POSTER SESSION ■ REPORTS FROM THE JUNGLE: NEW AND ONGOING RESEARCH FROM THE THREE RIVERS REGION OF THE MAYA LOWLANDS****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Chairs:** Melanie Saldana and Toni Gonzalez**Participants:**

- 157-a Michael Stowe—Settlement Pattern Analysis at the Medicinal Trail Community, Northwestern Belize: Results of Topographic Mapping from 2013-
- 157-b Michael Prout—Primary or Secondary Deposition: Midnight Terror Cave Operation V
- 157-c Neil Kohanski, Toni Gonzalez and Samantha Lorenz—Incensarios, Copal, and Speleothems: Interpreting the Function of Chultun 3 at Mul Ch'en Witz
- 157-d Gertrude Kilgore, Claire Novotny and Alyssa Farmer—Domestic Activity Areas in a Late Classic Residential Courtyard Group at Chan Chich, Belize
- 157-e Brian Waldo, Samantha Lorenz and Toni Gonzales—Investigating the Spatial Analysis of Chultuneob at Mul Ch'en Witz, Belize
- 157-f Christina Iglesias, Samantha Lorenz and Toni Gonzalez—Redefining the Relationship between the Surface and the Subterranean at Mul Ch'en Witz, La Milpa, Belize
- 157-g Colleen O'Brien, Sheldon Smith and Nicole DeFrancisco—Bench Please: A Comparative Analysis of Bench Features in Mesoamerica

Friday Morning, April 13

**[158] SYMPOSIUM ■ MAS ALLÁ DE LA ARQUEOLOGÍA OFICIAL: MODELOS DE CO-PARTICIPACIÓN CON SECTORES PRIVADOS Y COMUNITARIOS PARA LA INVESTIGACIÓN ARQUEOLÓGICA EN OAXACA**

**Room:** Truman

**Time:** 8:00 AM–10:00 AM

**Chair:** Pedro Ramon Celis

**Participants:**

- 8:00 Irma Cazares—"Teposcolula Viejo, Yucundaa, Oaxaca", Un proyecto Novedoso e Interdisciplinario, Modelo de Co-Participación Gubernamental y Privada en México
- 8:15 Olga Landa—La gestión y colaboración interinstitucional con la CFE y SCT para la protección del patrimonio arqueológico en Oaxaca
- 8:30 Pedro Ramon Celis—Proyecto Cerro del Gallo, Monte Albán, Oaxaca, participación comunitaria dentro de un proyecto de investigación arqueológica
- 8:45 Leobardo Pacheco Arias—Modelo de co-participación para la infraestructura de investigación en Atzompa
- 9:00 Axel Andrade Pérez and Karla Itzel López Carranco—Proyecto Arqueológico Cuenca del Río el Maíz: investigación científica y trabajo comunitario en Santos Reyes Nopala, Juquila, Oaxaca
- 9:15 Julio Ibarra—Trabajos de Conservación Arquitectónica en el Sitio Arqueológico de San Pedro Nexicho, Colaboración INAH-FAHHO-Comunidad
- 9:30 Nelly Robles García—Registro y Documentación 3D de la colección de Piedras Grabadas de Monte Albán, una experiencia participativa entre la sociedad civil e instituciones
- 9:45 Gerardo Gutiérrez—Discussant

**[159] SYMPOSIUM ■ ARCHAEOLOGY ON THE ATLANTIC SEABOARD AFTER HURRICANE SANDY**

**Room:** Tyler

**Time:** 8:00 AM–10:00 AM

**Chair:** Timothy Ives

**Participants:**

- 8:00 Joseph Waller—History on the Edge: Loss of the Ocean State's Past
- 8:15 Timothy Ives—Window of Opportunity: Administering Hurricane Sandy Archaeology in Rhode Island
- 8:30 Kevin McBride—New Perspectives on the Native History and Archaeology of Block Island
- 8:45 Chris McCabe, Rod Mather and Timothy Ives—The Rhode Island Archaeological and Historical Geographic Information System (GIS) Development Project
- 9:00 Mary Farrell, Brian Bates, Craig Rose and Walter Witschey—The Longwood Vulnerability, Potential, & Condition (VPC) Assessment Method: A Case Study from a Hurricane Sandy Project in Virginia
- 9:15 Jennifer Sparenberg—Scylla or Charybdis? Prioritizing the Investigation of Sites Endangered by Natural Hazards
- 9:30 Catherine Labadia—Discussant
- 9:45 Darrin Lowery—Discussant

Friday Morning, April 13**[160] LIGHTNING ROUNDS ■ ENGAGING “ALTERNATIVE ARCHAEOLOGY” IN THREE MINUTES OR LESS!****Room:** Taft**Time:** 8:00 AM–10:00 AM**Moderator:** Khorī Newlander**Participants:**

Matthew Kroot—Discussant  
 Lauren Herckis—Discussant  
 Kenneth Feder—Discussant  
 Alexander Smith—Discussant  
 David S. Anderson—Discussant  
 Lisa Young—Discussant  
 Jeb Card—Discussant  
 Cameron Gokee—Discussant  
 Ethan Watrall—Discussant  
 Andrew White—Discussant

**[161] SYMPOSIUM ■ ARCHAEOLOGICAL PERSPECTIVES ON THE ANTHROPOCENE****Room:** Wilson B**Time:** 8:00 AM–10:15 AM**Chairs:** David Wright and Todd Braje**Participants:**

8:00 Thomas Leppard—The Anthropocene: Present Singular or Past Plural?  
 8:15 Erle Ellis—Evolution of the Anthropocene  
 8:30 Nicole Boivin—Who Owns the Anthropocene and Does It Matter?  
 8:45 David Wright—Archaeology in the Age of the Anthropocene: How I Learned to Stop Worrying and Love the Bomb  
 9:00 Tristram Kidder and Yijie Zhuang—The Tangled Roots of the Anthropocene: China from the Late Neolithic to the Song Dynasty  
 9:15 Michael Heckenberger and Wetherbee Dorshow—Anthropocene Amazonia, Beyond the Buzzword: Centennial-Scale Anthropogenic Influences on Southern Amazonian Forests, 1000-2000 CE  
 9:30 Torben Rick—Archaeology, Museums, and the Anthropocene  
 9:45 Todd Braje and Matthew Lauer—A Meaningful Anthropocene?: Golden Spikes, Transitions, and Boundary Objects  
 10:00 Isaac Ullah—Discussant

**[162] SYMPOSIUM ■ PRECLASSIC LIFEWAYS IN THE NORTHERN MAYA LOWLANDS****Room:** Washington Room 6**Time:** 8:00 AM–10:15 AM**Chair:** Evan Parker**Participants:**

8:00 Jeffrey B. Glover, Dominique Rissolo and Daniel Leonard—Sabanás and the Sea: The Yalahau's Ecological Niches and Preclassic Populations  
 8:15 Ryan Collins—Selective Surplus: Material Networks in Formation at Yaxuná, Yucatan, Mexico (900 to 350 BCE)  
 8:30 Barry Kidder, Jacob Welch, Scott Hutson and Shannon Plank—Us and Them: Regional Integration and Social Differentiation during the Terminal Preclassic at Ucanha, Yucatán, Mexico  
 8:45 Nancy Peniche May and Lilia Fernandez Souza—The Ch'ulel of Architecture of Power: Preclassic Ritual Behavior in the Northern Maya Lowlands

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- 9:00 Betsy Kohut, George J. Bey III and Tomás Gallareta Negrón—A Re-evaluation of Yotholin Pattern-Burnished: Evidence of Early Preclassic Ceramics?
- 9:15 Melissa Galvan, William Ringle and Betsy Kohut—Recent Research on the Formative and Early Classic Periods in the Yaxhom Valley, Yucatán
- 9:30 Michael Smyth—Preclassic Settlement Hierarchy at Xcoch in the Puuc Region of Yucatan
- 9:45 Evan Parker, George J. Bey III and Tomás Gallareta Negrón—Middle Preclassic Greenstone Caches from Paso del Macho, Yucatan
- 10:00 E. Wyllys Andrews—Discussant

**[163] SYMPOSIUM ■ PIEDRAS NEGRAS REVISITED: WAR, ECONOMY, AND POPULATION IN THE GREAT CLASSIC MAYA RIVER KINGDOM**

**Room:** Madison A

**Time:** 8:00 AM–10:30 AM

**Chairs:** Andrew Scherer and Charles Golden

**Participants:**

- 8:00 Andrew Scherer, Charles Golden, Mónica Uriquizú and Griselda Pérez Robles—Recent Investigations of War, Economy, and Population at Piedras Negras, Guatemala
- 8:15 Mallory Matsumoto, Andrew Scherer and Omar Alcover—Fortified Capitals: Understanding Defensive Systems at Piedras Negras and Yaxchilan
- 8:30 Max Seidita and Charles Golden—The Economic Relationships of Epicentral and Peripheral Households at Piedras Negras, Guatemala
- 8:45 Shanti Morell-Hart—Changing Plant Economies and Diverse Plant Practices at Piedras Negras
- 9:00 Alejandra Roche Recinos and Javier Estrada—A Lithic Approach to Economic Organization at Piedras Negras, Guatemala
- 9:15 Joshua Schnell, Sarah Newman and Andrew Scherer—Animal, Human, and Crafted Bone from the S-Sector of Piedras Negras
- 9:30 Jennifer Kirker—Outside Looking In: The Piedras Negras Near Periphery Re-examined
- 9:45 Whittaker Schroder and Socorro Jimenez Alvarez—The Kingdom of Piedras Negras: A View from Mexico
- 10:00 James Doyle, Griselda Pérez Robles and Edwin Pérez Robles—New Advances in the Conservation of Monuments at Piedras Negras, Guatemala
- 10:15 David Webster—Discussant

**[164] SYMPOSIUM ■ NEW FINDINGS FROM THE FAR WESTERN PUEBLOAN REGION: PAPERS IN HONOR OF MARGARET LYNEIS**

**Room:** Madison B

**Time:** 8:00 AM–10:30 AM

**Chairs:** Karen Harry and Sachiko Sakai

**Participants:**

- 8:00 Laureen Perry—Margaret Weide Lyneis - Archaeologist, Professor, Mentor, Student, and Friend
- 8:15 James Allison—Ceramic Production and Exchange among the Virgin Anasazi, 30 Years Later
- 8:30 Sachiko Sakai—Changes in the Sources of Olivine-Tempered Ceramics and the Social Interaction Patterns among the Virgin Branch Ancestral Pueblo
- 8:45 Daniel Perez and Karen Harry—House 47: A Case Study of Abandonment and Trade in the Lowland Virgin Branch Puebloan Region

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- 9:00 Kevin Rafferty—Virgin Anasazi Settlement Patterns in Valley of Fire, Clark County, Nevada
- 9:15 Heidi Roberts, Janet Hagopian and Richard Ahlstrom—Margaret Lyneis and the Pottery Traditions of Corn Creek and Ash Meadows in Southern Nevada
- 9:30 William Willis—Reexamining Environmental Stress in Settlement Transitions: Implications for Understanding Settlement Patterns and Socio-environmental Response on the Shivwits Plateau
- 9:45 Paul Buck, Sachiko Sakai and Cheryl Collins—Prehistoric Population Aggregation of the Mt. Trumbull, AZ area
- 10:00 Philip Mink—Eastern Virgin Hinterlands: Ancestral Puebloan Settlement in Grand Canyon National Park
- 10:15 Phil Geib—The Kaiparowits Pueblos: Kayentan or Virgin Migrants?

**[165] SYMPOSIUM ■ ANDEAN HOUSEHOLDS, LIVING SPACES****Room:** Harding**Time:** 8:00 AM–10:30 AM**Chair:** Jean Hudson**Participants:**

- 8:00 Jerry D. Moore—Making Andean Houses: A Comparative Case Study
- 8:15 Carlos Osorio and Bradley Parker—Comparing the Household Activities from Cerro la Guitarra (Zaña Valley, Peru)
- 8:30 Gabriel Prieto—Continuities and Discontinuities in a Thousand Year Old Fishing Village on Huanchaco Bay, North Coast of Peru: The Pampa la Cruz Case
- 8:45 Bradley Parker and Gabriel Prieto—Microartifact Analysis: An Application at Pampa La Cruz, Huanchaco, Peru
- 9:00 Questions and Answers
- 9:15 Jennifer Ringberg—Living Large at Cerro León: A Comparative Look at Living Spaces in the Early Intermediate Period Moche Valley
- 9:30 Brian Billman, Patrick Mullins and Jesús Briceño—Rooms, Houses, and Neighborhoods: Drone-Mapping and GIS Analyses of the Household Architecture at Cerro la Virgen, Moche Valley, Peru (AD 1100–1470)
- 9:45 Jean Hudson, Roberta Boczkiewicz, Brian Billman and Jesús Briceño—Bones Left Behind: Living Spaces at a Residential Compound at Cerro la Virgen, a Rural Chimu LIP Settlement
- 10:00 Kevin Vaughn, Christina Conlee, Sarah Kerchusky and Verity Whalen—Household Spaces in Nasca: A Comparison through Time
- 10:15 Donna Nash—Discussant

**[166] SYMPOSIUM ■ FROM BEARDED ARCHAEOLOGISTS AND CLOSET CHICKENS TO MULTIPLE PASTS AND THE ARCHAEOLOGY OF YESTERDAY: HONORING THE CAREER AND IMPACT OF LARRY J. ZIMMERMAN****Room:** Jackson**Time:** 8:00 AM–11:00 AM**Chair:** Jeremy Wilson**Participants:**

- 8:00 Jeremy Wilson, Elizabeth Kryder-Reid, Fiona McDonald and Paul Mullins—“First, Be Humble”: Reflections on Larry Zimmerman’s Impact on IUPUI and Indianapolis
- 8:15 Joseph Tiffany and Shirley J. Schermer—The Glenwood Phase Settlement System Revisited
- 8:30 John Doershuk—The University of Iowa American Indian Concerns Archaeological Field School—Putting the Zimmerman Vision to Work

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- 8:45 Kelly Branam Macauley—An Ethical Anthropology – What This Cultural Anthropologist Learned from Larry Zimmerman
- 9:00 Michael Blakey—The WAC Origins of the New York African Burial Ground Project
- 9:15 Ora Marek-Martinez—What Would Larry Do: Archaeological Practice with, by, and for Native American Communities
- 9:30 Desiree Martinez—Oh Captain, My Captain: Transforming the Practice of Archaeology
- 9:45 Randall McGuire—Setting Things Right: Indigenous Archaeology in Sonora, México
- 10:00 Claire Smith—Zimmerman's Influence on World Archaeology
- 10:15 George Nicholas—"Made Radical By My Own": Acknowledging the Debt Owed to Larry Zimmerman in Radicalizing Me
- 10:30 Kurt E. Dongoske—Discussant
- 10:45 Dorothy Lippert—Discussant

**[167] SYMPOSIUM ■ TRANSFORMING MARGINALITY: EXPLORING MOMENTS OF RAPID SOCIAL AND ECOLOGICAL CHANGE**

**Room:** Washington Room 2

**Time:** 8:00 AM–11:15 AM

**Chairs:** Grace Cesario and Kathryn Catlin

**Participants:**

- 8:00 Gerald F. Bigelow, Michael E. Jones and Casey Oehler—Coastal Geocatastrophes as Agents of Change on Multiple Time Scales: A Case Study from the Shetland Islands, UK
- 8:15 John Steinberg—The Viking Age Settlement of Iceland: The Change from Migrant Society to Settled Society
- 8:30 Sarah Breiter—A Long Relationship: The Reuse of Monastic Stones after the English Reformation
- 8:45 Gudny Zoega—The Inequalities of Households – Cemetery Management and Social Change in Early Medieval Iceland
- 9:00 Sant Mukh Khalsa—Of Fish and Plague: Death as Economic Opportunity at the Medieval Fishing Station of Gufuskálar, Iceland
- 9:15 James Woollett, Céline Dupont-Hébert, Paul Adderley, Guðrun Alda Gísladóttir and Natasha Roy —The Variable Resilience of Large and Small Holdings on the Svalbard Estate, NE Iceland: A Multidisciplinary Study of Farm Abandonments circa AD 1300
- 9:30 Megan Hicks, Árni Daníel Júlíusson, Ragnhildur Sigurðardóttir, Astrid Ogilvie and Viðar Hreinsson—A Movement at the Margins: An Icelandic Rural Transformation at the Edge of the 19th Century Atlantic World
- 9:45 Christopher Hernandez and Joel Palka—Examining Environment, Ecology and Patterns of Maya Culture at Mensabak, Chiapas, Mexico
- 10:00 Lauren Welch O'Connor and Douglas Bolender—Environmental Variation and the Sustainability of Farms: Investigating Effects of Erosion in Northern Iceland
- 10:15 Kathryn Catlin—Transforming Marginality in Medieval Iceland: Landscape Reorganization on Hegranes, Skagafjörður
- 10:30 Grace Cesario—Zooarchaeology of Marginality: An Investigation of Site Abandonment in Hegranes, North Iceland
- 10:45 Nicholas Zeitlin—Iron Production at Marginal Settlements in Northern Iceland
- 11:00 Questions and Answers

Friday Morning, April 13**[168] SYMPOSIUM ■ 21ST CENTURY APPROACHES TO ARCHAEOLOGY, EDUCATION, AND THE PUBLIC***(Sponsored by SAA Public Education Committee)***Room:** Washington Room 3**Time:** 8:00 AM –11:15 AM**Chairs:** Elizabeth Reetz and Carol Colaninno-Meeks**Participants:**

- 8:00 Carol Colaninno-Meeks—The Need for Discipline-Based Education Research in Archaeology
- 8:15 Sarah Miller and Laura Clark—Assessment and Evaluation of Florida's Citizen-Science Program to Address Climate Change: Heritage Monitoring Scouts of Florida (HMS Florida)
- 8:30 Elizabeth Reetz—Integrating Archaeology and Environmental Education to Strengthen a Place-Based Curriculum
- 8:45 Samantha Kirkley—Connecting Project Archaeology and Girl Scouts Camps for Community-Based Learning Experiences at Ancestral Puebloan Sites in Utah
- 9:00 Rhianna Bennett—Deviating from the Standard: The Relationship between Archaeology and Public Education
- 9:15 Emily Beahm, Jodi Barnes and Elizabeth Horton—Gathering, Gardening, and Agriculture: Arkansas Archeological Survey's Plant-Based Public Archeology
- 9:30 Robert Connolly, Elizabeth Cruzado, Natalie Kramm and Dominique Giosa—Prioritizing the Expressed Community Needs in Educational Projects in Ancash, Peru
- 9:45 Ellen Moriarty and Matthew Moriarty—Kindling Curiosity: Assessing the Early Results of Educational Outreach and Archaeology in the South Lake Champlain Basin, Vermont
- 10:00 Katharine Ellenberger—Teaching the Possibilities and Politics of Digital Artifact Representations using Virtual Reality and 3D Printing
- 10:15 Ashley Stewart, J. Lynn Funkhouser, Avery McNeece, Christopher Lynn and Omega Rakotomalala—Anthropology Is Elemental: Teaching Children Using a Four-Field Approach
- 10:30 Jeremy Freeman—Using Rock Art as a Medium for Teaching STEM Concepts
- 10:45 Jeanne Moe—Discussant
- 11:00 Questions and Answers

**[169] SYMPOSIUM ■ THE STATE OF THE FIELD: CURRENT RESEARCH IN TARASCAN (PURÉPECHA) ARCHAEOLOGY: SESSION IN HONOR OF DOMINIQUE MICHELET****Room:** Delaware B**Time:** 8:00 AM–11:15 AM**Chairs:** Marion Forest and Anna Cohen**Participants:**

- 8:00 Claudia Espejel—Una síntesis de la historia prehispánica de Michoacán
- 8:15 Amy Hirshman—Petrographic Perspectives on the Ceramic Complexity in the Lake Pátzcuaro Basin
- 8:30 Kyle Urquhart—Ireta: An Ethnohistoric and Archaeological Model of P'urépecha Urban Politics
- 8:45 Christopher T. Fisher—Characterizing Purépecha Urbanism
- 9:00 Anna Cohen and Michael Galaty—Local Political Economies at Angamuco, Michoacán: Insights from Ceramic Archaeometry
- 9:15 Alex Garcia-Putnam, Melissa Murphy and Christopher T. Fisher—Bioarchaeological Insights into Social Resilience and Change during the Postclassic at the Ancient Purépecha City of Angamuco, Michoacán, Mexico

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- 9:30 Christine Hernandez and Dan Healan—The Ceramics and Chronology of the Ucareo-Zinapécuaro Obsidian Source Area, Michoacán, Mexico
- 9:45 Marion Forest, Elsa Jadot and Aurelie Manin—Houses in the City: Domestic Economy and Space at Malpaís Prieto, Michoacan
- 10:00 Antoine Dorison, Gregory Pereira and Marion Forest—Thirty Years Later. Revisiting the Tarascan City of Las Milpillas and Its Environment, Malpaís de Zacapu, Michoacán
- 10:15 José Luis Punzo Díaz—Tarascan Presence in Central South Michoacan. New Researches
- 10:30 Marie Arnauld—Cities on the Move across Northwestern Mesoamerica: Contribution by Dominique Michelet
- 10:45 Helen Pollard—Discussant
- 11:00 Dominique Michelet—Discussant

**[170] SYMPOSIUM ■ THE ARCHAEOLOGY OF MONEY, DEBT, AND FINANCE***(Sponsored by Society for Economic Anthropology)***Room:** Washington Room 5**Time:** 8:00 AM–11:30 AM**Chairs:** Joanne Baron and John K. Millhauser**Participants:**

- 8:00 John K. Millhauser—Financing the Domestic Economy: A Study of Craft Production and Technological Change in Central Mexico
- 8:15 Douglas Bolender and Eric Johnson—Marginal Lives and Fractured Families. The Hidden Archaeology of Household Debt and Instability in Medieval Iceland
- 8:30 Mary Morgan-Smith—Ts'uul y Páalitsil: Considering the Role of Debt at Rancho Kiuic, Yucatán, México
- 8:45 Patricia Wattenmaker—Wealth Building in Early Urban Mesopotamia: Strategies and Ideologies
- 9:00 Stephen Kowalewski—Economic Institutions in Ancient Greece and Mesoamerica
- 9:15 Benjamin Luley—Money and Inequality in Roman Mediterranean Gaul, ca. 125 B.C.–A.D. 100
- 9:30 Lynn Gamble—Origin and Use of Shell Bead Money in Southern California
- 9:45 Questions and Answers
- 10:00 Scott Fitzpatrick—Banking on Stone Money: The Influence of Traditional “Currencies” on Blockchain Technology
- 10:15 Jeffrey Fleisher and Stephanie Wynne-Jones—The Copper Coins of the Kilwa Region, Tanzania, AD 1000–1500: Creating a Regional Currency in an Indian Ocean World of Coins
- 10:30 Joanne Baron—Making Change: Currency Use and Social Transformation among the Classic Maya
- 10:45 Daniel Souleles—Discussant
- 11:00 Kathryn Sampeck—Discussant
- 11:15 Terence Daltroy—Discussant

**[171] SYMPOSIUM ■ THINGS WITH A MIND OF THEIR OWN: THE ARCHAEOLOGY OF NON-HUMAN AGENCY****Room:** Washington Room 1**Time:** 8:00 AM–11:30 AM**Chair:** Monica L. Smith**Participants:**

- 8:00 Monica L. Smith—Nature as Agent: Mass-Event, Incremental, and Biotic Perspectives

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- 8:15 Matthew Peros—Hurricanes as Agents of Cultural Change: Integrating Paleotempestology and the Archaeological Record
- 8:30 Jennifer Kahn—The Role of Short-Term and Catastrophic Climatic Events and Human-Induced Landscape Change in Society Island Cultural Transformations
- 8:45 Kanika Kalra—The Agency of Monsoons in South Asia
- 9:00 Stephanie Salwen—The Agency of Flowing Water in Human Mobility and Interaction
- 9:15 Jordan Pickett—Earthquakes as Nonhuman Agents in the Roman – Late Antique Mediterranean
- 9:30 Joseph Lehner—The Metallurgical Cycle and Human Responses to Material Fatigue
- 9:45 Questions and Answers
- 10:00 Harper Dine, Traci Ardren and Chelsea Fisher—Vegetative Agency and Social Memory in Houselots of Ancient Cobá
- 10:15 Sarah Inskip and John Robb—Acts of God? Causation and Agency in Disease History
- 10:30 Gerard Chouin—Unthinkable Opportunities: Managing Mass Mortality and Transforming Society in the Context of the Second Plague Pandemic in Late Medieval Sub-Saharan Africa, ca. 1300 to 1500 AD
- 10:45 Katelyn Bishop—Bird Behavior and Biology: A Consideration of the Agentive Role of Birds in Chaco Canyon, New Mexico
- 11:00 Seth Quintus, Jennifer Huebert and Kyungsoo Yoo—Examining the Impacts of Non-human Animals on Sequences of Agricultural Change
- 11:15 Steven Ammerman—Animal Agents in the Human Environment

**[172] SYMPOSIUM ■ AT-RISK WORLD HERITAGE AND THE DIGITAL HUMANITIES**

*(Sponsored by University of California Office of the President—Research Catalyst Award)*

**Room:** Thurgood Marshall Ballroom East

**Time:** 8:00 AM–11:30 AM

**Chairs:** Nicola Lercari and Arianna Campiani

**Participants:**

- 8:00 Thomas E. Levy and Margie Burton—At-Risk World Heritage and the Digital Humanities – An Overview of the UC Office of the President's Research Catalyst Project
- 8:15 Ashley Lingle, Nicola Lercari, Arianna Campiani, Manuel Duenas Garcia and Anaïs Guillem—Terrestrial Laser Scanning and Conservation of At-Risk World Heritage
- 8:30 Arianna Campiani, Nicola Lercari and Ashley Lingle—Analytical Models for At-Risk Heritage Conservation and 3D GIS
- 8:45 Genevieve Lucet and Irais Hernández—About the Reliability of Archaeological Information
- 9:00 Christopher McFarland, Ho Jung Yoo, Rosemary Elliott Smith, Thomas E. Levy and Falko Kuester—Online Data Curation: CAVEBase, ArchaeoSTOR, University Libraries and Long-Term Digital Archiving
- 9:15 Francis McManamon and Leigh Anne Ellison—The Digital Archaeological Record (tDAR): An Archive for 21st Century Digital Archaeology Curation
- 9:30 Eric Kansa and Sarah Whitcher Kansa—Beyond Solutionism? Digital Data and Threatened Cultural Heritage
- 9:45 Willeke Wendrich—At Risk Cultural Heritage and the Power of Communities
- 10:00 Deidre Whitmore and Willeke Wendrich—DIG: Digital Information Gateway to Sustainable Reuse

Friday Morning, April 13

- 10:15 Jurgen Schulze, Connor Smith, Philip Weber, Thomas DeFanti and Thomas E. Levy—3D Cyber-Archaeology Dissemination through Scientific Visualization - Personal and Large-Scale Virtual Reality Platforms
- 10:30 Benjamin Porter, Christopher Hoffman and Kea Johnston—Object Photogrammetry at the Phoebe Hearst Museum of Anthropology: Opportunities and Challenges
- 10:45 Christopher Hoffman and Michael Black—CollectionSpace at the Phoebe A. Hearst Museum of Anthropology: A Strategic Information Platform for Cultural Heritage Collections
- 11:00 Ruth Tringham—Discussant
- 11:15 Questions and Answers

**[173] SYMPOSIUM ■ THE TIES THAT BIND AND THE WALLS THAT DIVIDE: PREHISTORIC TO CONTEMPORARY MAYA MANIPULATION OF SOCIAL SPACE**

**Room:** Lincoln 2

**Time:** 8:00 AM–11:30 AM

**Chairs:** Thomas Guderjan and Jennifer Mathews

**Participants:**

- 8:00 Thomas Guderjan, Jopshua Kwoka, Colleen Hanratty and Sara Eshleman—Albarradas, Solarés, and Classic Maya Land Tenure in Northwestern Belize
- 8:15 J. Gregory Smith, Alejandra Alonso Olvera, Soledad Ortiz and Atasta Flores—Boundary Dynamics between Chichen Itza and Ek Balam
- 8:30 Daniel Vallejo-Caliz and Scott Hutson—Regional Integration during the Late Preclassic in Uci, Yucatán
- 8:45 Stephanie Miller, Aline Magnoni, Traci Ardren and Travis Stanton—Coba's Periphery and Rethinking Site Boundaries
- 9:00 Ashley Booher and Brett A. Houk—Processional Architecture at Chan Chich, Belize
- 9:15 Justine Shaw—Sacbeob in the Cochuah Region: Barriers or Links?
- 9:30 Samantha Krause, Timothy Beach, Sheryl Luzzadder-Beach, Thomas Guderjan and Fred Valdez—Canals, Sacbeob and Defining Space in Ditched Agricultural Fields in the Three Rivers Region, Northwestern Belize
- 9:45 Payson Sheets and Christine C. Dixon—Constructing the Social Fabric of a Community: Household Service Relationships to the Ceren Village
- 10:00 Bernadette Cap, M. Kathryn Brown and Whitney Lytle—The Axis Connecting Classic Maya Economy and Ritual at Xunantunich, Belize
- 10:15 Jennifer Mathews—Taming the Maya Jungle: Decauville Railroads in 19th and Early 20th Century Yucatán
- 10:30 Rani Alexander—Cross Markers and Commemorating Place in the Titles of Ebtún, Yucatán
- 10:45 Tiffany Cain—Kept Out or Closed In? An Analysis of Civilian Fortification Strategies during the Maya Social War
- 11:00 Hector Hernandez, Francisco Canseco and Joaquin Venegas—Industrial Heritage and Henequen Landscapes: The Social Spaces along the Conkal-Progreso Railway in Northern Yucatan (1886–1950)
- 11:15 Grace Lloyd Bascopé—An Ethno-ecological View of the Evolution of “Solares”: A Yucatan Maya Houselot Case Study

Friday Morning, April 13**[174] SYMPOSIUM ■ THE HUMAN ODYSSEY IN EARTH'S HIGH MOUNTAINS AND PLATEAUS****Room:** Lincoln 3**Time:** 8:00 AM–11:30 AM**Chairs:** Brian Stewart and Kurt Rademaker**Participants:**

- 8:00 Brian Stewart and Kurt Rademaker—On the Trail of *Homo* through Earth's High Mountains and Plateaus
- 8:15 Yu-chao Zhao and Brian Stewart—Tracing Late Quaternary Highland-Dryland Social Connectivity in Southern Africa with Ostrich Eggshell Bead Strontium Values: Preliminary Results
- 8:30 Ralf Vogelsang—The Mountain Exile Hypothesis: How Humans Benefited from African High Altitude Ecosystems in Ethiopia
- 8:45 Elham Ghasidian and Saman Heydari-Guran—Cultural Diversity in the Zagros Mountains and the Expansion of Modern Humans into the Iranian Plateau
- 9:00 Federica Fontana—Southern Alpine Late Paleolithic and Mesolithic landscapes
- 9:15 David Rhode—Tibet before Pastoralism
- 9:30 Jason LaBelle and Kelton Meyer—Passing Through or Settling Down? Paleoindian Occupation of Colorado's Southern Rocky Mountains, USA
- 9:45 Christopher Morgan—High Altitude Settlement as Evolutionary Process
- 10:00 Kurt Rademaker—An Interdisciplinary Approach to Investigate Early Andean Settlement Dynamics and Adaptation
- 10:15 Elizabeth Pintar and María Fernanda Rodríguez—12,500 Years of Altitude
- 10:30 Questions and Answers
- 10:45 Mark Aldenderfer—Discussant
- 11:00 Nicholas Conard—Discussant
- 11:15 Bonnie Pitblado—Discussant

**[175] SYMPOSIUM ■ URBANISM, PRODUCTION, AND EMPIRE: NEW CASE STUDIES FROM ANGKORIAN CAMBODIA****Room:** Lincoln 4**Time:** 8:00 AM–11:30 AM**Chair:** Sarah Klassen**Participants:**

- 8:00 Michael Coe—Discussant
- 8:15 Roland Fletcher—Discussant
- 8:30 Piphall Heng, Miriam Stark, Peter Grave, Lisa Kealhofer and Darith Ea—Angkorian Settlements and Interactions in the Cambodia Middle Mekong Region
- 8:45 Christophe Pottier—The Challenge of the Grid: A Conceptual Frontier in Angkor?
- 9:00 Alison K. Carter, Piphall Heng, Miriam Stark, Rachna Chhay and Damian Evans—Urbanism and Residential Patterning in Angkor
- 9:15 Rachna Chhay, Piphall Heng, Visoth Chhay and Yukitsugu Tabata—Changing Angkorian Stoneware Production Modes: Bang Kong Kiln and Thnal Mrech Kiln
- 9:30 Yukitsugu Tabata—Techno-morphological Approach to the Stoneware Production in Angkor
- 9:45 Miriam Stark, Peter Grave, Lisa Kealhofer, Darith Ea and Boun Suy Tan—Urban Economies and State "Peripheries": Angkorian Stoneware Ceramic Production and Distribution
- 10:00 Mitch Hendrickson, Stéphanie Leroy, Quan Hua, Kaseka Phon and Enrique Vega—Space, the Iron Frontier: Production, Spatial Organization and Historicity of Iron Metallurgy within the Angkorian Khmer Empire, Cambodia (9th to 15th c. CE)

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- 10:15 Stéphanie Leroy, Mitch Hendrickson, Emmanuelle Delque-Kolic, Enrique Vega and Philippe Dillmann—IRANGKOR Project: Production, Trade and Consumption of Iron in the Khmer Empire, Cambodia (9th to 15th c. CE)
- 10:30 Kendall Hills—Networks of Power: Sandstone Temple Production in the Provinces of the Angkorian Khmer Empire
- 10:45 Sarah Klassen—The Adaptive Capacity of the Water Management System of Angkor, Cambodia
- 11:00 Dan Penny and Tegan Hall—Urban-Palaeoecology of Cambodia's 'Middle Period'
- 11:15 Damian Evans—The Past, Present and Future of Archaeological Lidar: A View from Southeast Asia

**[176] SYMPOSIUM ■ MAYA HIGHLAND AND PACIFIC COASTAL ARCHAEOLOGY: CONTINUING DEBATES ON INTERACTION**

**Room:** Lincoln 5

**Time:** 8:00 AM–11:45 AM

**Chair:** Eugenia Robinson

**Participants:**

- 8:00 Virginie Renson, Marx Navarro Castillo, Andrea Cucina, Brendan J. Culleton and Hector Neff—Tracing Mobility in Pacific Coast and Highlands of Southern Mexico during the Classic Period
- 8:15 Hector Neff—Cash Potting in Soconusco: The Case of Tohil Plumbate
- 8:30 Oswaldo Chinchilla—Natural Corridor or Challenging Route? Rethinking Pre-Hispanic Communications across the Pacific Coast of Guatemala
- 8:45 Barbara Arroyo, Gloria Ajú and Javier Estrada—Residential Compounds At Kaminaljuyu: Evidence Of Long Distance Interaction
- 9:00 Lucia Henderson—Looking Beyond Teotihuacan in the Art and Architecture of Early Classic Kaminaljuyu
- 9:15 Gavin Davies—Routes of Resilience and Dependency in the Lake Atitlan Basin of Highland Guatemala
- 9:30 Eugenia Robinson and Marlen Garnica—Cakhay: A Strategic Classic Center in the Kaq'chik'el Maya Area
- 9:45 Questions and Answers
- 10:00 Guido Pezzarossi and Kelton Sheridan—Overlapping and Shifting Networks: Comales, Spouses and Other Social/Material Interactions between/within Highlands and Coast in Colonial Guatemala
- 10:15 Chloé Andrieu, Edgar Carpio, Brent Woodfill and Arthur Demarest—Not All Distance Is Kilometric... Obsidian Procurement and Exchange at Salinas de los Nueve Cerros and Cancuen
- 10:30 Megan Leight, Brent Woodfill and Alexander Rivas—The Production and Exchange of Perishable Goods at Salinas de los Nueve Cerros and atop the Coban Plateau
- 10:45 Lynneth Lowe—Chiapa de Corzo: rutas de intercambio e interacción cultural entre las regiones zoque y maya
- 11:00 Francisco Estrada-Belli—Discussant
- 11:15 Arthur Demarest—Discussant
- 11:30 Geoffrey Braswell—Discussant

Friday Morning, April 13**[177] SYMPOSIUM ■ WHAT'S HOT IN PYROTECHNOLOGY? CONTROLLING FIRE FROM CAMPFIRES TO CRAFTSPEOPLE****Room:** Marriott Salon 2**Time:** 8:00 AM–11:45 AM**Chairs:** Ellery Frahm, Michelle Young and Lingyi Zeng**Participants:**

- 8:00 Russell Cutts, Ervan Garrison and Douglas Crowe—Macro- and Microscopic Effects of Heating in Lithics: Potential Indicators of Human-Controlled Fire?
- 8:15 Alexander Brittingham, Michael Hren, Gideon Hartman, Keith Wilkinson and Daniel Adler—Organic Molecular Proxies for Fire in Archaeological Sediments
- 8:30 Aureade Henry, Julie Esdale, Ted Goebel, Kelly Graf and Aleksei Teten'kin—No Fire without Wood? Some Reflections on Late Pleistocene Pyrotechnology in Northern Tundra Environments (East Siberia, Interior Alaska)
- 8:45 Ilaria Patania, Susan Mentzer, Xiaohong Wu, David Cohen and Paul Goldberg—Reconstruction of Pyrotechnology Connected with the Earliest Pottery. Micromorphology and -FTIR at Xianrendong and Yuchanyan, South China
- 9:00 Grant Snitker—Anthropogenic Fire and the Origins of Agricultural Landscapes during the Neolithic Period (7,700–4,500 cal. BP) in Eastern Spain
- 9:15 Nathaniel Erb-Satullo—Early Iron Metallurgy in the Caucasus: Filling in a Technological "Missing Link"
- 9:30 Ken Seligson, Soledad Ortiz Ruiz and Luis Barba Pingarrón—Prehispanic Maya Burnt Lime Production: Previous Studies and Future Directions
- 9:45 Travis Stanton—Maya Ceramic Technologies for Avoiding the Catastrophic Failure of Cooking Pots
- 10:00 Vera Tiesler—Embodying the Sun. Pyrotechniques as Part of Human Sacrifice in Ancient Mesoamerica
- 10:15 Anna Roosevelt—Large Centralized Fired-Clay Cooking Stoves of Communal Households on Marajoara Mounds at the Mouth of the Amazon c. AD 400–1100
- 10:30 Lingyi Zeng and Jianxin Jiang—SEM-EDS Analysis of Ceramics from the Mongol Empire
- 10:45 Chengrui Zhang and Rowan Flad—A Song Dynasty Roof Tile Kiln at Qijiaping: Gender and Pyrotechnology in Medieval China
- 11:00 Matthew Chastain, Jianli Chen and Xingshan Lei—Identifying the "Why" Of Ancient Engineering Choices: Materials Performance and the Production of Ceramic Bronze-Casting Molds in Zhou-Period China
- 11:15 Ioana Dumitru, Joseph Lehner and Michael Harrower—Modelling the Connectivity of Socioeconomic Networks of Copper Production in Ancient Northern Oman
- 11:30 Augusto Oyuela-Caycedo and Florencio Delgado Espinoza—From Cooking to Smelting, the Social Technology of Pyrotechnology of Earth Ovens

**[178] SYMPOSIUM ■ NO LONGER A TRANSITIONAL ZONE: LOCAL DEVELOPMENTS, INTERACTION, AND EXCHANGE IN THE CEJA DE SELVA****Room:** Thurgood Marshall Ballroom South**Time:** 8:00 AM–11:45 AM**Chairs:** Ryan Clasby and Warren Church**Participants:**

- 8:00 Kenneth Young—Ecology and Human Habitation of Andean Forests
- 8:15 Francisco Valdez—Mayo Chinchipe-Marañón Complex, the Unexpected Spirits of the Ceja
- 8:30 Atsushi Yamamoto—Emergence of Sociopolitical Complexity in Northern Peru: A Diachronic Perspective from the Huancabamba Valley

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- 8:45 Ryan Clasby—Through the Forest: North-South Interregional and Intraregional Interaction along the Eastern Edge of the Andes during the Early Intermediate Period
- 9:15 Estanislao Pazmiño—Entre los Andes y la Selva: Una aproximación al desarrollo prehispánico en el valle del Alto Upano, Ecuador
- 9:30 Eisei Tsurumi, Cesar Sara and Yuichi Matsumoto—Settlement Pattern Study on the Early Occupations in the Upper Huallaga Basin, Northern Peru
- 9:45 Jason Nesbitt—Late Initial Period (1100–800 B.C.) Interaction between the Highlands and Ceja de Selva of North-Central Peru: A Case Study from Canchas Uckro, Eastern Ancash
- 10:00 Warren Church—A Record of Changing Pulses and Pathways of Interregional Interaction from Manachaqui Cave in the Northeastern Peruvian Cloud Forest
- 10:15 Anna Guengerich—The Messy East: Regional Models and Their Complications in the Chachapoyas Area of Peru
- 10:30 Brian McCray—Tracing Interaction Networks in a Mosaic of Politico-Geographical Regions at the Site of Wimba, Amazonas, Peru
- 10:45 Ryan Hechler—Over the Andes, and Through their Goods: Integration Period Relations in Northern Ecuador
- 11:00 Inge Schjellerup—The Capac ñan from Chachapoyas to the Tierra adentro
- 11:15 Richard Burger—Discussant
- 11:30 Warren DeBoer—Discussant

**[179] SYMPOSIUM ■ ARCHAEOLOGY, HISTORY AND OSTEOLOGY OF A 19TH CENTURY MEDICAL WASTE DEPOSIT AT POINT SAN JOSE, SAN FRANCISCO**

**Room:** Washington Room 4

**Time:** 8:00 AM–11:45 AM

**Chairs:** P. Willey and Peter Gavette

**Participants:**

- 8:00 Peter Gavette—Resurrecting Bentley: Etiology of a Surgeon's Detritus
- 8:15 Angela Locke Barton—Shards of Medical History: Artifacts from the Point San Jose Hospital Medical Waste Pit
- 8:30 Kasey Cole and Kelsie Hart—Faunal Remains from Point San Jose: Analysis of Butchery Patterns and Implications for Site Context
- 8:45 Maria Cox and Valerie Sgheiza—Number Games: MNI and Element Representation in the Point San Jose Collection
- 9:00 Valerie Sgheiza and P. Willey—Demography of Skeletal Remains from Point San Jose
- 9:15 Eric Bartelink and Sarah Hall—Region of Origin Predictions of Human Remains from a Late 19th Century Medical Waste Pit: Oxygen and Strontium Isotope Evidence from the Point San Jose Hospital, San Francisco
- 9:30 Sarah Hall, Eric Bartelink and Julia Prince-Buitenhuys —Dietary Variation at Point San Jose, San Francisco: Stable Isotope Evidence from a Late 19th Century Medical Waste Pit
- 9:45 P. Willey—Stature of Adult Human Remains from Point San Jose
- 10:00 Kristen Broehl, Colleen Milligan, Kelsie Hart, Karin Wells and Vanessa Reeves—Paleopathology and Non-specific Indicators of Stress from Point San Jose
- 10:15 Colleen Milligan, Eric Bartelink, Sarah Hall, Maria Cox and Alexandra Perrone—Paleopathology and Dental Disease from Point San Jose
- 10:30 Mallory Peters, Jessica Curry and Eric Bartelink—Analysis of Anatomical Dissection at Point San Jose Hospital, Fort Mason, San Francisco
- 10:45 Ashley Kendell and Colleen Milligan—Resurrectionists, Criminals, and the Unclaimed: Social Context of Cadavers in the 19th Century

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- 11:00 Kenneth Nystrom—Discussant  
 11:15 Allison Vanderslice—Discussant  
 11:30 Questions and Answers

**[180] SYMPOSIUM ■ METHODOLOGY AND INTERPRETATION IN THE ARCHAEOLOGY OF ROCK ART**

**Room:** Lincoln 6

**Time:** 8:00 AM–12:00 PM

**Chairs:** Lenville Stelle and Victoria Roberts

**Participants:**

- 8:00 Marsha Sims—A Mesoamerican Culture Hero Legend in Western U.S. Rock Art  
 8:15 Leah McCurdy and M. Kathryn Brown—Plaster Art: “Graffiti” in a Sage’s Chamber at El Castillo Acropolis of Xunantunich, Belize  
 8:30 Melinda Leach—Rock Art in the High Rock Country: A Contextual View  
 8:45 Sarah Sherwood, Jan Simek and Alan Cressler—In the Morning House: The Redhorn Cycle Depicted in Rock Art from Kentucky  
 9:00 Carolyn Boyd—Soul Expression: Speech-Breath in Pecos River Style Rock Art  
 9:15 Bryn Tapper—Petroglyphs on the Periphery: Rock Art in the Canadian Maritimes  
 9:30 Lenville Stelle—Pictographs on Artery Lake, Bloodvein River System, Extreme Northwest Ontario, Canada  
 9:45 Julio Amador—Rock Art at Chalcatzingo, Morelos: Methodology and Techniques for Recording, Documenting and Elaborating Preservation Strategies  
 10:00 Silvia Tomaskova and Muzi Msimanga—Different Methods for Different Strokes: Petroglyphs in the Northern Cape, South Africa  
 10:15 Radoslaw Palonka—Documentation, Methodology and Interpretation of Rock Art from Castle Rock Community, Canyons of the Ancients National Monument, Colorado  
 10:30 Victoria Roberts, Jerod Roberts, Charles Koenig and Karen Steelman—Research Questions Driving Rock Art Recording Methodology in the Alexandria Project  
 10:45 David Whitley and Tony Quach—In-Situ pXRF Analysis of Episodic Pictograph Production  
 11:00 Amanda Castañeda, Charles Koenig, Karen Steelman and Marvin Rowe—Portable X-ray Fluorescence of Lower Pecos Mobiliary Art: New Insights Regarding Chaîne Opératoire, Context, and Chronology  
 11:15 Karen Steelman, Liam Brady, John Bradley and Amanda Kearney—Dating the Spirit Men: Radiocarbon Dating Saltwater Rock Art of the Yanyuwa People in Northern Australia  
 11:30 Jerod Roberts, Victoria Roberts, Amanda Castañeda and Carolyn Boyd —A Feasibility Analysis of Rock Art Recorded Thus Far for the Alexandria Project  
 11:45 Sandra Olsen—Enhancing Access to Arabian Rock Art Archives

**[181] SYMPOSIUM ■ MATTERING IMPERIAL POLITICS: HUMAN-THING PARTNERSHIPS IN LOCAL PRODUCTIONS OF POWER**

**Room:** Marriott Salon 3

**Time:** 8:00 AM–12:00 PM

**Chair:** Tamara Bray

**Participants:**

- 8:00 Tamara Bray—Discussant  
 8:15 Astrid Van Oyen—Storage and Empire: Choreographies of Time and Matter at Rome’s Harbours

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- 8:30 Anna Boozer—Material Collaborators: Making and Unmaking Roman Imperial Power at Trimithis (Dakhleh Oasis, Egypt)
- 8:45 Rowan Flad—Little Bronze Things: What They Do and How They Do It in the Early Bronze Age in NW China
- 9:00 Bryan Miller—Objects of Action and the Practice of Empire in Xiongnu Inner Asia
- 9:15 Alice Yao—How to Dig a Drinking Well: Watery Politics on China's Han Frontier
- 9:30 Patrick Ryan Williams and John Janusek—Wari Huamani, Tiwanaku Apu, and the Political Work of Things
- 9:45 Stanislava Chavez—Objects of Power and Power of Objects: Tiahuanaco Burial Assemblages in Cundisa (Copacabana, Bolivia)
- 10:00 Paul Goldstein—Walking in Tiwanaku Shoes: Small Things, Quotidian Cues and Tiwanaku Identities in Diaspora
- 10:15 Darryl Wilkinson—Not Becoming Inka: Anarchism as a Set of Human-Thing Relationships
- 10:30 Axel Nielsen—Chullpas and the Political Relations with the Inside-World in the Inka Empire
- 10:45 Lisa Overholtzer—Previous Material Entanglements and the Rise of the Aztec Empire
- 11:00 Enrique Rodriguez—Coins and Empire in Sixteenth-Century Mexico
- 11:15 Francois Richard—Imperial Mixtures and Paradoxes of Government in Colonial Senegal
- 11:30 Susan Kus and Victor Raharijaona—The "Private(s)" Is(Are) Political: Girding One's Loins for Work, for Battle, for Provocation, and Ungirding for Insurgence
- 11:45 Lori Khatchadourian—Soviet Materiality and Its Ruins

**[182] SYMPOSIUM ■ 2018 FRYXELL AWARD SYMPOSIUM: PAPERS IN HONOR OF VANCE T. HOLLIDAY**

*(Sponsored by Fryxell Award Committee)*

**Room:** Marriott Salon 1

**Time:** 8:00 AM–12:00 PM

**Chairs:** David Meltzer and Christopher Roos

**Participants:**

- 8:00 David Meltzer—The Geoarchaeological Contributions of Vance T. Holliday
- 8:15 John Hoffecker—A North American Plains Perspective on the East European Paleolithic
- 8:30 Joshua Reuther, Ben Potter, Nancy Bigelow, Charles Holmes and Francois Lanoe—Beringian Landscapes and Human Responses in the Middle Tanana Valley, Alaska
- 8:45 Garry Running—Sand, Rivers, Glacial Lakes and the Prairie-Forest Border: A Doc Holliday Student Heads North
- 9:00 Matthew E. Hill, Cerisa R. Reynolds, James Mayer and John P. Laughlin—A Reexamination of the Nature and Context of the Finley Paleoindian Bison Bonebeds in Southwest Wyoming
- 9:15 William Reitze—Of Truck Tires and Kelly Bars: Geoarchaeological Perspectives of a Toolpusher
- 9:30 Bruce Huckell—Black and Blue, Red and Yellow: Clovis Exploitation of a Central New Mexico Lithic Source
- 9:45 Jesse Ballenger—Doc Holliday Goes to Tombstone
- 10:00 Questions and Answers
- 10:15 Christopher Roos and William Hockaday—Late Pleistocene and Early Holocene Biomarkers from Stratified and Cumulic Soils in Highland Environments of the

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- Jemez Mountains, New Mexico
- 10:30 Jill Onken—Chacoan Outlier Depopulation and 12th Century Arroyo Cutting near Zuni Salt Lake, New Mexico
- 10:45 D. Shane Miller, Cody Oscarson, Hunter Saunders, Jesse Tune and Derek Anderson—The Swag Site (38AL137): Yet Another Paleoindian Site at the Allendale Quarries in South Carolina
- 11:00 Eileen Johnson, Stance Hurst and John Moretti—Spring Creek Drainage - Geoarchaeological Explorations along the Southern High Plains Eastern Escarpment, Northwest Texas
- 11:15 Rolfe Mandel—The Contributions of Vance T. Holliday to the Earth Sciences
- 11:30 Paul Goldberg—Soils, Sediments, Archaeology, Micromorphology, and Vance Holliday
- 11:45 Vance Holliday—Discussant

**[183] SYMPOSIUM ■ WHAT TO DO WITH THE INTANGIBLE AND TRANSIENT: HISTORIC PROPERTIES THAT CHALLENGE TRADITIONAL RULES FOR EVALUATING SIGNIFICANCE AND INTEGRITY**

**Room:** Taft

**Time:** 10:30 AM–11:30 AM

**Chair:** Karen Garrard

**Participants:**

- 10:30 Glenn Darrington, Kathryn McDonald, Mary Rogers and Kevin Askan—Trails, Trees, and Transmission Lines – A Holistic Cultural Resource Study Involving the Jocko Wilderness Area
- 10:45 Michael Striker, Bridget Striker and Eric Jackson—Documenting Association of Properties with the Underground Railroad
- 11:00 Karen Garrard—Where Are the Boot Marks? Evaluating the Overmountain Victory National Historic Trail
- 11:15 Michael Dice, David Barrackman, Rebekka Knierim and Darren Schubert—Prehistoric Lake Cahuilla Shorelines Identified Using a Systematic Satellite Photograph and Ground Truth Methodology, Salton Sea Region, Imperial County, California

**[184] POSTER SESSION ■ CHRONOLOGY**

**Room:** Exhibit Hall B South

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 184-a Daniel Cassedy, Matthew Jorgenson and Peter Sittig—New Data on Archaic Period Chronology and Raw Material Variation from a Stratified Archaic Site in the Appalachian Summit Region
- 184-b Lorena Becerra-Valdivia, Thibaut Devière, Thomas W. Stafford Jr., Michael Waters and Tom Higham—Comparison of Preparative Chemistry Methods for the Radiocarbon Dating of Anzick Site, Montana
- 184-c Gina Buckley, David Carballo, Daniela Hernández Sariñana, Kenneth Hirth and Douglas J. Kennett—Bayesian <sup>14</sup>C Chronology of Tlajinga, Teotihuacan Compounds 17 & 18
- 184-d Omar Reyes, César Méndez and Manuel J. San Román—Chronology of the Human Occupation of the North-western Channels of Patagonia (43°-46° S), Chile
- 184-e Emily McCuiston—Evaluating the Radiocarbon Record of the Lower Pecos Canyonlands
- 184-f Galen McCloskey—Analysis of Prehistoric Flagstaff Cultural Developments

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- 184-g Evan Giomi—The Chronology of Goat-Springs Pueblo

**[185] POSTER SESSION ■ BIOARCHEOLOGY: THE OLD WORLD**

**Room:** Exhibit Hall B South

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 185-a Ashley Maxwell and Robert H. Tykot—Stable Isotope Analysis of the Diet of Romans and Langobards in the Veneto from Late Antiquity to the Medieval Period
- 185-b Alina Karapandzich and Paul Nick Kardulias—Zero to Hero: Elite Burials and Hero Cults in Early Iron Age Greece and Cyprus
- 185-c Sarah Poniros—The Bioarchaeology of Diversity: A Case Study in the Roman Empire
- 185-d Emilie Cobb, Jess Beck, Colin Quinn and Horia Ciugudean—Health and Mortuary Treatment in Early Bronze Age Transylvania
- 185-e David Hansen and Elissa Bullion—Cranial Modification in Medieval Central Asia
- 185-f Matthew Fuka—Enthesal Changes in Bronze and Early Iron Age Mongolia
- 185-g Tommy Budd—Biological Kinship and Cemetery Organization in Eastern Zhou Period China

**[186] POSTER SESSION ■ LITHIC ANALYSIS IN NORTH AMERICA**

**Room:** Exhibit Hall B South

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 186-a Justin Williams and Richard M. Niquette—From Clovis to Dalton: Key Differences in Hafted Biface Resharpener
- 186-b S. Joey LaValley—Elko Litter: Analyses of an Elko Series Point Manufacturing Site in Central Nevada
- 186-c Scott Sunell—Cultural Dimensions of Toolstone Variability in the Santa Barbara Channel Region, California
- 186-d Joseph Birkmann and Bruce Huckell—AZ BB:13:70 A Buried Middle Archaic Occupation in the Tucson Basin, Southeastern Arizona
- 186-e Emily Hull, Nathan Goodale, Alissa Nauman and Colin Quinn—Lithic Raw Materials and Social Landscapes: Mica-Lamented Quartzite Tools from Slocan Narrows, Upper Columbia River Area
- 186-f Dylan Person—Rocky Refuse or Useful Utensil?
- 186-g Daniel Quintela—The Lithics of Late Coalition Period Tewa Pueblos: Negotiating Tewa Society in the Rio Chama Valley
- 186-h Matthew Boulanger—Cultural Transmission in the Paleoindian of Eastern North America

**[187] POSTER SESSION ■ ZOOARCHAEOLOGY: THE AMERICAN SOUTHWEST**

**Room:** Exhibit Hall B South

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 187-a Charles Koenig, Christopher Jurgens, J. Kevin Hanselka, Stephen L. Black and Charles Frederick—Multidisciplinary Investigations of a Late Paleoindian Bison Butchery Event from a Southwest Texas Rockshelter
- 187-b Ana Valenzuela-Toro and Meghan K. Yap-Chiongco—Pinniped Taphonomy: Observations from a Northern Elephant Seal Breeding Colony Provide New Insights into the Taphonomic Processes on Pinnipeds

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- 187-c Kimberly Sheets—Understanding Changes in Lagomorph Proportions within the Homol'ovi Settlement Cluster, Northeast Arizona
- 187-d Catherine Mendel and Deanna Grimstead—Persistence in Turkey Husbandry Practices in the Southwest and Four Corners Region: The Isotopic and Ethnohistorical Evidence
- 187-e Katie K. Tappan, Kelsey A. Gruntorad, G. Tucker Austin, Samantha N. Butler and Chrissina C. Burke—Rabbits, Pronghorn, Oh Deer! Oh My! A Preliminary Analysis of Subsistence Strategies at Wupatki National Monument, Northern Arizona
- 187-f Blythe Morrison—An Investigation of Ancient Turkeys near Houck, Arizona
- 187-g Rebecca Dean—Fauna from the Marana Platform Mound Site, Arizona, in Context
- 187-h Amanda Werlein, Joan Coltrain, Jeffrey R. Ferguson, Virginie Renson and Karen Schollmeyer—Developing Regional Isotopic Baselines to Trace Resource Acquisition Patterns in the Mesa Verde Area of the American Southwest
- 187-i Virginia Lucas and Levent Atici—Faunal Exploitation Practices at the Steve Perkins Site, a Lowland Virgin Branch Puebloan Site Located in Southern Nevada

**[188] POSTER SESSION ■ ZOOARCHAEOLOGY: MIDWEST TO THE EAST COAST****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 188-a John Moretti and Eileen Johnson—The Late Pleistocene (Rancholabrean) Vertebrate Local Fauna from Zone 3 of Kincaid Rockshelter (41UV2), Uvalde County, Texas
- 188-b Samantha Upton, Jennifer Green and Barbara Heath—Archaeology on the Half Shell: Preliminary Analysis of Shellfish Consumption at Coan Hall (44NB11), Virginia
- 188-c Jacob Foubert—From Excavations to Occupations: Characterizing the Faunal Assemblage of a Late Woodland Site
- 188-d Britney Elsbury-Orris—A Faunal Analysis of the Kirshner Site (36WM213)
- 188-e Liz Southard—A Fishy Study on Site Aggregation and Construction at Florida's Crystal River (8CI1) and Roberts Island (8CI40 and 41) Sites
- 188-f Sarah Bergh—Changes in Resource Use during the Mississippian Period on St. Catherines Island, Georgia
- 188-g Logan Van Hagen, Douglas Dvoracek, Laurie Reitsema and Carol Colaninno-Meeks—Sulfur Isotope Ratios of Terrestrial and Coastal Fauna on the Southeastern Coast: A Step toward Resolving Equifinality in Human Paleodiet Reconstructions

**[189] POSTER SESSION ■ ZOOARCHAEOLOGY: GLOBAL APPROACHES****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 189-a Evan Peacock, Sheeji Kathuria and David S. Nolen—Talking to Our Selves? An Applied Zooarchaeology Citation Analysis
- 189-b Jarod Hutson, Anna K. Behrensmeyer, Diane Gifford-Gonzalez, Gary Haynes and Amanda Millhouse—Zooarchaeological Contributions to the Smithsonian's National Taphonomic Reference Collection
- 189-c Alexis Ohman and Jennifer Kahn—Ichthyoarchaeological Analysis of ScMo-350 on Mo'orea, French Polynesia

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- 189-d Emily Zavodny, Martin Welker and Sarah McClure—A Pawsitively Interesting Prehistory of Dogs: New Stable Isotope and Morphometric Analyses from Croatia
- 189-e Roxanne Wildenstein, Aubrey Cannon and David Burley—Utilization of Fish Resources at the Hopoate Site on Tongatapu, Kingdom of Tonga
- 189-f Polly Burnette-Egan—Zooarchaeology and Spatial Analysis at Tepe Farukhabad: New Life for Legacy Data

**[190] POSTER SESSION ■ ARCHITECTURE, URBANISM AND MONUMENTALITY IN THE AMERICAS**

**Room:** Exhibit Hall B South

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 190-a Jarrod Burks—New Magnetic Gradient Survey Results from Two Intermediate-Sized Earthwork Clusters in Southern Ohio: Junction Group and Steel Earthworks
- 190-b Beau Murphy, Adesbah Foguth and Hannah Mattson—A Case Study in the Use of 3D Modeling for Hypothesis Generation and General Archaeological Illustration
- 190-c Megan Conger and Jennifer Birch—Inferring Iroquoian Architectural Variability from Magnetic Gradiometry
- 190-d Sean Daugherty, Alexander Vermillion, Garrett Jones and Timothy Hare—The Map Results of an Integrated UAV-Based Remote Sensing Platform in the Northern Yucatán
- 190-e Christopher Grant—Perspectives from a Privy Past: Neighborhood and Race in Late Nineteenth-Century Creole New Orleans
- 190-f Timothy Everhart—Approaching Monument Diversity in the Woodland Societies of the Central Scioto Valley
- 190-g Estelle Praet—Early Monumental Architecture in Peru: Sunken Circular Plazas from the Late Archaic (5000–2600 B.C.) to the Final Formative (400–200 B.C.)
- 190-h Jeffrey Brzezinski—Producing Community and Communal Production: Examining Evidence for Collective Practices at Complex B, Cerro de la Virgen, Oaxaca, Mexico
- 190-i Ryan Smith and Sarah Kennedy—Minimizing Distractions and Focusing on What Matters: Using Autonomous Drone Flight Technology to Examine Architecture across the Circum-Titicaca Basin (Puno, Peru)
- 190-j Erin Baxter—Aztec Ruins, Architecture and Augmented Reality
- 190-k Bret Ruby, Friedrich Lueth, Rainer Komp, Jarrod Burks and Timothy Darvill—Revealing Ritual Landscapes at Hopewell Culture National Historical Park
- 190-l Garrett Jones, Timothy Hare and Mike Dowell—An Integrated Heavy-Lift Unmanned Aerial Vehicle (UAV) and Remote Sensing Platform

Friday Afternoon, April 13**Friday Afternoon ■ April 13, 2018****[191] FORUM ■ THE STATE OF INCLUSION: DIVERSITY IN NON-ACADEMIC ARCHAEOLOGY**  
(Sponsored by SAA *Queer Archaeology Interest Group*)**Room:** Johnson**Time:** 1:00 PM–3:00 PM**Moderators:** Lisa Fontes and Chelsea Blackmore**Participants:**

David Witt—Discussant

Deni Seymour—Discussant

Mia Carey—Discussant

Kathleen Hull—Discussant

Lylliam Posadas—Discussant

Desiree Martinez—Discussant

Karimah Kennedy Richardson—Discussant

**[192] FORUM ■ SETTLEMENT, RESOURCE DISTRIBUTION, AND SUBSISTENCE IN COASTAL MESOAMERICA: INTERREGIONAL COMPARISONS****Room:** Harding**Time:** 1:00 PM–3:00 PM**Moderator:** Jessica Hedgepeth Balkin**Participants:**

Jessica Hedgepeth Balkin—Discussant

Sarah Barber—Discussant

Arthur Joyce—Discussant

Christopher Pool—Discussant

Jeffrey B. Glover—Discussant

Dominique Rissolo—Discussant

Heather McKillop—Discussant

Joseph Mountjoy—Discussant

Torben Rick—Discussant

Lourdes Budar—Discussant

**[193] FORUM ■ NEW PERSPECTIVES ON HERITAGE PROTECTION****Room:** Truman**Time:** 1:00 PM–3:00 PM**Moderators:** Martin McAllister and Brent Kober**Participants:**

J. M. Adovasio—Discussant

Stanley Bond—Discussant

Kayla Bradshaw—Discussant

James Delgado—Discussant

Liv Fetterman—Discussant

Sonia Martinez—Discussant

Larry Murphy, RPA—Discussant

Daniel Odess—Discussant

Randy Ream—Discussant

Ryan Seidemann—Discussant

Hilary Soderland—Discussant

Friday Afternoon, April 13**[194] FORUM ■ ARCHAEOLOGY, OUTREACH, ADVOCACY, AND THE MEDIA****Room:** Taylor**Time:** 1:00 PM–3:00 PM**Moderator:** Nezahualcoyotl Xiuhtecutli**Participants:**

David S. Anderson—Discussant

Nicole Grinnan—Discussant

Kristina Killgrove—Discussant

Andrew Lawler—Discussant

Brad Lieb—Discussant

Christopher Sperling—Discussant

**[195] SYMPOSIUM ■ ECOLOGICAL JUSTICE AND THE LONGUE DURÉE: EXPANDING ACTIVISM, ADVOCACY, AND THE HISTORICAL ECOLOGICAL APPROACH**  
(Sponsored by New International Community for Historical Ecology [NICHE])**Room:** Jackson**Time:** 1:00 PM–3:00 PM**Chairs:** Megan Hicks and Kevin Gibbons**Participants:**

1:00 Matthew DeFelice, Chris Davenport, Mallory Fenn, Jeff Ransom and Sara Ayers-Rigsby—On the Front Lines-Addressing Climate Change at the Local Level in South Florida

1:15 James Blair—Splintered Hinterlands: Public Anthropology, Environmental Advocacy and Indigenous Sovereignty in Resource Frontiers of the Americas

1:30 George Hambrecht—Zooarchaeology, Shifting Baselines and a Rapidly Changing Climate

1:45 Nicole Mathwich—Range Limits: Semi-feral Ranching in Spanish Colonial Arizona

2:00 Colleen Strawhacker, Peter Pulsifer, Noor Johnson and Shari Gearheard—Data Sovereignty for Indigenous Communities in the Arctic: Ensuring Ethical Control of Information and Knowledge for Indigenous Partners through Digital Tools

2:15 Kevin Gibbons—Pervasive Landscapes of Inequality: Want and Abundance within a Hyperobject

2:30 Erina Perez, Thomas Banghart, Hope Loiselle and Kevin Gibbons—At the Intersection of Academia and Activism: Using the Historical Ecology Framework toward the Conservation and Restoration of Natural and Cultural Heritage

2:45 Chelsey Geralda Armstrong—Discussant

**[196] SYMPOSIUM ■ RE-CENTERING THE PERIPHERY: CONTEXTUALIZING THE FRINGES OF CONTEMPORARY ARCHAEOLOGICAL PRACTICE****Room:** Washington Room 5**Time:** 1:00 PM–3:15 PM**Chairs:** Eli Dollarhide and Nicole Rose**Participants:**

1:00 Alice Wright and Colin Quinn—Confronting Myths of Isolation in Pre-Columbian Appalachia

1:15 Sarah Rowe—Periphery and Perspective: The View from Late Prehispanic Coastal Ecuador

1:30 Francis Allard—Centering the Periphery: The Case of Southeast China during the Early Imperial Period

1:45 Kyle Brunner—Urban Spatial Relationships during the Early Islamic Period: Reassessing Investigations into the Market and Mosque at Sīrāf, Iran

Friday Afternoon, April 13

- 2:00 James Johnson—Beyond the Final Frontier: Time and Materiality in the Peripheralization of Bronze Age Eurasian Steppe Pastoral Societies
- 2:15 Nicole Rose—Corroded but Enduring: On the Perpetuation of a Scholarly Iron Curtain in Western Archaeological Thought and Practice
- 2:30 Cameron Turley—Centering Alluitsoq: The Potential for an Indigenous Archaeology in Greenland
- 2:45 Matthew Murray—“Our Past is Not the Other”—Anthropological Archaeology and Academic Peripheries in Central Europe
- 3:00 Alexander Bauer—Discussant

**[197] SYMPOSIUM ■ PRIVATE RITUALS AND PUBLIC SPACES: THE ARCHAEOLOGY OF BELIEF AND PERFORMANCE**

**Room:** Lincoln 2

**Time:** 1:00 PM–3:15 PM

**Chairs:** Brooke Creager and Erin Crowley

**Participants:**

- 1:00 Lars Fogelin—Tibetan Mani Stones and the Materiality of Text
- 1:15 Brooke Creager—Individual Christianity: A Post-Roman Practice in a Changing Landscape
- 1:30 Alice Wolff—Where Are the Brewers? Feasting and Operational Chains in Anglo-Saxon England
- 1:45 Zenobie Garrett—The Diachronic Landscape of Ceremony at the Irish “Royal” Site of Dun Ailinne
- 2:00 Erin Crowley—Performing Feasts and the Use of Animals in Ritual Contexts in Iron Age Ireland
- 2:15 Ivy Faulkner—The Ritual Performance of Gift Exchange in Archaic Greece
- 2:30 Kaila Akina—“Filled with Faith and the True Spirit of Mormonism”: Ritual and Belief at Iosepa, Utah
- 2:45 Susan Johnston—Discussant
- 3:00 Questions and Answers

**[198] SYMPOSIUM ■ THE RISE AND FALL OF THE AFRICAN HUMID PERIOD: CLIMATE CHANGE AND HUMAN RESPONSE IN HOLOCENE AFRICA**

**Room:** Lincoln 3

**Time:** 1:00 PM–3:15 PM

**Chairs:** Steven Goldstein and Elisabeth Hildebrand

**Participants:**

- 1:00 Henry Lamb—The African Humid Period: Paleolimnological and Paleoecological Evidence
- 1:15 Steven Brandt, Alice Leplongeon and Clément Ménard—Hunter-Gatherer Responses to the “Early” African Humid Period ~15-12 ka
- 1:30 Steven Goldstein, Elisabeth Hildebrand, Michael Storozum and Lawrence Robbins—Resilience Theory and Human-Environment Interactions during the Early Holocene at Lothagam-Lokam, Northern Kenya
- 1:45 Mica Jones and Ruth Tibesasa—Bridging the “Kansyore gap”: Continuous Occupation and Changing Subsistence Strategies at Namundiri A, Eastern Uganda
- 2:00 Stanley Ambrose, Andrew Zipkin, Douglas J. Kennett, Abigail Fisher and Jessica Thompson—Dietary and Environmental Reconstruction with Stable Isotopes of Early, Middle and Late Holocene Humans from Northern Malawi

Friday Afternoon, April 13

- 2:15 Kendra Chritz, Elisabeth Hildebrand, Thure Cerling, Elizabeth Sawchuk and Ndiema Emmanuel—Local Responses to Global Events: Regionally Distinct Dietary Changes among Eastern African Herders at the Close of the African Humid Period
- 2:30 Peter Coutros—Flexibility against Fragility at the Diallowali Site System during the 1st Millennium BC
- 2:45 John Arthur, Matthew Curtis, Kathryn Arthur and Jay Stock—From Bayira, the Earliest African Genome, to a Place of Refuge: Mota Cave's History in Southwestern Ethiopia
- 3:00 Jessica Thompson, Andrew Zipkin, David Wright, Stanley Ambrose and Flora Schilt—Out with a Whimper or a Bang? Hunter-Gatherer Response to the End of the African Humid Period in Northern Malawi

**[199] SYMPOSIUM ■ MAKING MORE WITH LESS: REFLECTIONS AND NEW APPROACHES TO THE PROTOHISTORIC PERIOD IN THE NORTHEAST**

**Room:** Lincoln 4

**Time:** 1:00 PM–3:15 PM

**Chairs:** John Campbell and Arthur Anderson

**Participants:**

- 1:00 Arthur Anderson—Strategies for Exploring the Protohistoric Period on the Southern Maine Coast
- 1:15 Gabriel Hrynicky—The Devil's Head Site in Maine: The Organization of the Protohistoric Wabanaki World
- 1:30 Tim Spahr—Cape Porpoise Archaeological Partnership
- 1:45 Trevor Lamb—Incised Lines: Mortuary Ceramics and Their Role in Defining Protohistoric Chronologies in the Far Northeast 1900–1960
- 2:00 Kenneth Holyoke—Persistent Places in the Prehistoric Wabanaki Homeland: Understanding the Role of Lithics in Interaction, Exchange, and Territoriality on the Maritime Peninsula
- 2:15 Katherine Patton, Susan Blair and Ramona Nicholas—Recent Insights into Protohistoric Foodways in the Northern Quoddy Region of the Northeast
- 2:30 Michael Deal—Early Seventeenth Century French Feasting in Acadia and Its Relation to Pre-contact Mi'kmaq Practices
- 2:45 John Campbell—Revisiting Contact Interactions of the Keji'kewe'k L'nuk, or Recent People, and Europeans in the Mi'kma'ki
- 3:00 Questions and Answers

**[200] SYMPOSIUM ■ PALEOLITHIC SURFACE SITES: NEW SURVEYS, METHODS, AND DATA**

**Room:** Delaware A

**Time:** 1:00 PM–3:30 PM

**Chairs:** Eric Heffter and Jonathan Reeves

**Participants:**

- 1:00 Eric Heffter—Lithic Analysis of Paleolithic Surface Scatters from Pleistocene River Terraces in the Republic of Serbia
- 1:15 David R. Braun, Matthew Douglass, Benjamin Davies and Jonathan Reeves—Whole Assemblage Behavioral Indicators: Expectations and Inferences from Surface and Excavated Records at Elandsfontein, South Africa
- 1:30 Sheila Nightingale, Jessica Thompson, Jacob Davis, Flora Schilt and Jeong-Heon Choi—Evaluating the Effects of Human Disturbance on Middle Stone Age Surface Finds from Northern Malawi

Friday Afternoon, April 13

- 1:45 Jonathan Reeves, Matthew Douglass, Seminev Asrat, Melissa Miller and David R. Braun—Landscape Evolution, Digital Terrain Analysis, and the Integrity of Surface Assemblages: A Case Study from the Koobi Fora Formation
- 2:00 Paula Ugalde, Calogero Santoro and Eugenia Gayo—Weathering of Surficial Lithic Assemblages in the Hyperarid Core of the Atacama Desert, Chile
- 2:15 Karen Borrazzo—'To be or not to be...' A Taphonomic Perspective on Pseudoartifacts
- 2:30 Matthew Douglass, Simon Holdaway and Sam Lin—Investigating Prehistoric Land Use History and Place Use Variability with Low Density Surface Scatters of Stone Artifacts in the Oglala National Grassland, Northwestern Nebraska
- 2:45 Questions and Answers
- 3:00 LuAnn Wandsnider—Discussant
- 3:15 Curtis Runnels—Discussant

**[201] SYMPOSIUM ■ BEYOND ENGAGEMENT: ARCHAEOLOGISTS AT THE INTERSECTIONS OF POWER**

**Room:** Delaware B

**Time:** 1:00 PM–3:30 PM

**Chairs:** Meredith Reifschneider and Annalisa Bolin

**Participants:**

- 1:00 Christopher Matthews—Ethnography, Routine Archaeologies, and Social Justice Research
- 1:15 Liza Gijanto—Slavery and Colonialism: Selectively Embracing and Erasing the Past in The Gambia
- 1:30 Grace Erny—"Fair Greece, Sad Relic:" Greek Archaeology at the Intersections of Power
- 1:45 Annalisa Bolin—Friends and Enemies: Heritage Ethnography in the Shadow of the State
- 2:00 Uzma Rizvi—On the Right of Refusal: Decolonizing Archaeology and Equitable Praxis
- 2:15 Stacey Camp—Public Archaeology in Remote Places
- 2:30 Betsy Bradley—We All Need to Talk about Archaeology in the CRM Power Nexus
- 2:45 Jon Daehnke—Sovereignty, Colonialism, and Collaboration: Reflections on Archaeological and Ethnographic Work on the Lower Columbia River
- 3:00 Anne Pyburn—Discussant
- 3:15 Krysta Ryzewski—Discussant

**[202] SYMPOSIUM ■ WE DIG NATIONAL PARKS: THE PAST, PRESENT, AND FUTURE OF ARCHEOLOGY IN THE NATIONAL CAPITAL REGION**

**Room:** Washington Room 6

**Time:** 1:00 PM–3:30 PM

**Chairs:** Josh Torres and Katherine Birmingham

**Participants:**

- 1:00 John Bedell—The Potomac Gorge
- 1:15 Josh Torres—The Old Stone House Revisited
- 1:30 Emily Button Kambic and Lauren Hughes—Retracing Reconstruction: America's Second Founding in Archaeological Perspective
- 1:45 Bradley Krueger—Of Wharves and Watercraft: Exploring the Maritime Archeology of Theodore Roosevelt Island

Friday Afternoon, April 13

- 2:00 Sophia Kelly, Andrew Landsman and Justin Ebersole—Implementing the NPS Cultural Resources Climate Change Strategy at the Chesapeake and Ohio Canal National Historical Park
- 2:15 Robert Sonderman and Stefan Woehlke—Our Sites at Risk: Climate Related Threats to NPS Administered Archeological Sites
- 2:30 Marian Creveling and Karen Orrence—Thinking inside the Box: Research Potential of National Park Service Archeological Collections at the Museum Resource Center
- 2:45 Katherine Birmingham and Christine Ames—D.C. Urban Archeology Corps: The Surveying is in the Details
- 3:00 Questions and Answers
- 3:15 Gregory Katz—Digging the Anacostia River Landscape: Geoarchaeology and the Buried Past in the National Capital

**[203] SYMPOSIUM ■ THE CONNECTICUT STATE ARCHAEOLOGICAL PRESERVE PROGRAM: PROTECTION, PRESERVATION, AND PUBLIC OUTREACH**

**Room:** Wilson A

**Time:** 1:00 PM–3:30 PM

**Chairs:** Kenneth Feder and Catherine Labadia

**Participants:**

- 1:00 Catherine Labadia—The Connecticut State Archaeological Preserve Program
- 1:15 Paul Wegner—Connecticut's First Fishermen: The LeBeau Fishing Camp
- 1:30 Jennifer Davis—The Walter Landgraf Soapstone Quarry State Archaeological Preserve: Honoring a Man and Preserving a Site
- 1:45 Mandy Ranslow—Quinebaug River Prehistoric Archaeological District and New England Hebrew Farmers of the Emanuel Society Synagogue and Creamery Archaeological Site
- 2:00 Richard Schaefer—"His Beloved Aunt Polly": The Aunt Polly Archaeological Preserve and the Life of the First Sherlock Holmes
- 2:15 Cece Saunders—What a Pain in the Ash....Traveling That Bumpy Road
- 2:30 Faline Schneiderman—Canning and Preserving History at The Borden's Condensed Milk Factory Site in Torrington, CT
- 2:45 Kenneth Feder—"An Ever Widening Circle": The Lighthouse Site State Archaeological Preserve
- 3:00 Sara Mascia—A House Divided: John Brown's Birthplace and the Path to Freedom
- 3:15 Lucianne Lavin—The Venture Smith Site: An Eighteenth-Century African American Homestead in Haddam, Connecticut

**[204] SYMPOSIUM ■ BONES AND BURIALS IN PHILADELPHIA: UNMARKED CEMETERIES & THE ARCH ST PROJECT**

**Room:** Wilson B

**Time:** 1:00 PM–3:30 PM

**Chair:** Kimberlee Moran

**Participants:**

- 1:00 Doug Mooney—City of (Inconvenient) Cemeteries: A Brief Synopsis of the Disturbance of Historical Burial Grounds in Philadelphia
- 1:15 Cory Kegerise—Mind the Gap: Laws and Policies Related to Burial Places in Pennsylvania
- 1:30 Kimberlee Moran, Anna Dhody, Ani Hatza, George Leader and Ann Marie Mires—The First Baptist Church of Philadelphia's Burial Ground: "moved" in 1860; "excavated" in 2017

Friday Afternoon, April 13

- 1:45 Samantha Muller—An Overview of the History of LaGrange Cemetery and Some of Its Notable and Not So Notable Residents
- 2:00 Nicholas Bonneau—An Accounting of the Dead: Historical Epidemiology and Big Data in the Arch Street Project
- 2:15 George Leader, Kimberlee Moran, Jared Beatrice and Anna Dhody—Preliminary Results of Material Culture from the Historic First Baptist Church Cemetery, Philadelphia (ca. 1700–1860) and Analytical Problems Arising from Stressed Excavations and the Lack of Formal Legal Oversight
- 2:30 Gerald Conlogue and Michelle O'Connor—The Role of Radiographer as a Member of the Arch Street Project Team
- 2:45 Allison Grunwald—Analysis of the Faunal Remains at the Arch Street Cemetery Site
- 3:00 Jared Beatrice, George Leader, Kimberlee Moran and Anna Dhody—Bioarchaeological Analysis of Human Skeletal Remains from the Historic First Baptist Church Cemetery, Philadelphia (ca. 1700–1860): Preliminary Results
- 3:15 Doug Mooney—Discussant

**[205] SYMPOSIUM ■ BLURRING TIME SCAPES: SUBVERSIONS TO ERASURE AND REMEMBERING GHOSTS**

**Room:** Hoover

**Time:** 1:00 PM–3:45 PM

**Chairs:** Sarah Surface-Evans, Kisha Supernant and Amanda Garrison

**Participants:**

- 1:00 Sarah Surface-Evans—Traumascapes: Progress and the Erasure of the Past
- 1:15 April Beisaw—Manifesting the Ghosts of Place through Archaeology and Empathy
- 1:30 Patrick Lawton—Chiasin (The Big Rock): Mementos of Identity
- 1:45 Heather Van Wormer—Memory and Materiality at Mary's City of David
- 2:00 Amanda Garrison—Bones at the End of River Street: A Graphic Ethnography of a Bridge in Lansing, Michigan
- 2:15 Questions and Answers
- 2:30 Alison Rautman—Violent Conflict and a Ritual of Memory in the Puebloan Southwest
- 2:45 Nicole Burt—Public Perception of the Ethics of Physical Anthropology
- 3:00 Kisha Supernant—Heritage, Healing, and Coming Home: An Archaeologist Encounters Her Ancestors
- 3:15 Erica Begun-Veenstra—The Science of Souvenirs: Past, Present, and Future
- 3:30 Amanda Garrison—Discussant

**[206] SYMPOSIUM ■ CONNECTING COLLECTIONS: COLLECTORS OF PRE-COLUMBIAN AND INDIGENOUS AMERICAN ART IN THE AMERICAS AND EUROPE**

**Room:** Wilson C

**Time:** 1:00 PM–3:45 PM

**Chairs:** Kim Richter and Viola Koenig

**Participants:**

- 1:00 Viola Koenig—Connecting Collections: Collectors of Pre-Columbian and Indigenous American Art in the Americas and Europe
- 1:15 Tom Cummins—"Cosas Extraordinarias": America in Early Modern Royal Spanish Collections
- 1:30 Adam Sellen—Where Have All the Collections Gone? Mexican Archaeology in World Museums

Friday Afternoon, April 13

- 1:45 Joanne Pillsbury—Aztecs in the Empire City: The Rise and Fall of Ancient American Art at The Metropolitan Museum of Art, 1877–1914
- 2:00 Megan E. O'Neil—Collective Biographies: Ancient Maya Objects in Collections, Past and Present
- 2:15 Victoria Lyall—Connecting Collections: The Ancient Americas in American Museums
- 2:30 Christian Feest and Viviane Luiza da Silva—Between Enlightenment and Structuralism: Bororo and Kadiwéu Collections outside Brazil, 1791–1938
- 2:45 Aaron Glass and Judith Berman—Reassembling The Social Organization: Uniting Museums, Archives, and Indigenous Knowledge around Franz Boas's 1897 Monograph
- 3:00 Davide Domenici—Discussant
- 3:15 Aron Crowell—Discussant
- 3:30 Questions and Answers

**[207] SYMPOSIUM ■ AYLLU THERE? HERDERS, FARMERS AND THE FORMATION OF COMMUNITY IN THE ANDEAN HIGHLANDS**

**Room:** Jefferson

**Time:** 1:00 PM–3:45 PM

**Chairs:** Lucas Kellett and Kevin Lane

**Participants:**

- 1:00 Veronica Williams—Farmers and Herders in the High Quebradas of the Valle Calchaquí Medio (Salta, Argentine) between the 11th and Early 17th Century
- 1:15 Alesia Hoyle and Sonia Alconini—Water Management, Pastoralism and Settlement Shifts in the Andean Apolobamba Region
- 1:30 Elizabeth Arkush—Land Use, Settlement Patterns, and Collective Defense in the Titicaca Basin: The Constitution of Defensive Community
- 1:45 Kylie Quave and R. Alan Covey—Camelid Herding and Enduring Community Identities among the Ayarmacas (Cuzco, Peru)
- 2:00 Bill Sillar—Canas, Canchis and Cuzco: What Was the Scale of Community Allegiance in the LIP?
- 2:15 Lucas Kellett—The Formation of Agro-pastoral Communities in the Chanka Heartland (Andahuaylas, Peru)
- 2:30 Kevin Lane—Discussant
- 2:45 Hernando Malca Cardoza and Alexis Mantha—Ayllu There in the Upper Marañón? Founding Ancestors and Political Dynamics in the Rapayán Region of Ancash/Huánuco during the LIP
- 3:00 Jason Toohey—Diverging Patterns of Community Organization in the Late Intermediate Period Cajamarca Region of Northern Peru
- 3:15 Monica Barnes—Discussant
- 3:30 Paul Goldstein—Discussant

**[208] SYMPOSIUM ■ THE ARCHAEOLOGY OF “PROLETARIAN DRUG FOODS” IN THE CARIBBEAN**

**Room:** Madison B

**Time:** 1:00 PM–3:45 PM

**Chairs:** Anthony Tricarico and Charlotte Goudge

**Participants:**

- 1:00 E. Christian Wells—Discussant
- 1:15 Georgia Fox—Poison or Pleasure: The Archaeology of Tobacco and Sugar
- 1:30 Christopher Waters and Anthony Tricarico—Socio-spatiality of an Antiguan Plantationscape

Friday Afternoon, April 13

- 1:45 Charlotte Goudge—"Do you think I am an automaton?": Post-emancipation Caribbean Factories and Social Industrialism
- 2:00 Mark Leone—Spirit Possession in the Chesapeake
- 2:15 James Delle—"A Glittering Speculation": Archaeology of Jamaica's First Coffee Boom, 1790–1806
- 2:30 Elizabeth Clay—"A Wondrously Fertile Country": Agricultural Diversity and Landscape Change in French Guiana
- 2:45 Tamara Varney, Treena Swanston, Ian Coulthard, A. Reginald Murphy and David M. L. Cooper—Unravelling the Social Determinants of Lead Exposure in 19th Century British Royal Navy Stationed in Antigua, W.I.
- 3:00 Edith Gonzalez—There's Sugar in Them There Hills: Bio-prospecting in the 18th-Century Caribbean
- 3:15 Mark Hauser—Discussant
- 3:30 Questions and Answers

**[209] SYMPOSIUM ■ LOOKING TO THE EAST: CLASSIC MAYA LEGACIES IN ANCIENT MESOAMERICA**

**Room:** Tyler

**Time:** 1:00 PM–4:00 PM

**Chairs:** Jeremy Coltman and Elliot Lopez-Finn

**Participants:**

- 1:00 Annabeth Headrick—Out of Clay and into Stone: The Emergence of Warriors at Chichen Itza
- 1:15 Keith Jordan—Possible Maya Analogs and Antecedents for the Pyramid B Atlantid Columns, Tula
- 1:30 Gabrielle Vail—Cultural Legacies of the Classic Maya: The Postclassic Northern Maya Lowlands and Beyond
- 1:45 Emiliano Melgar and Reyna Solís—The Mayan Style Lapidary Objects in Mesoamerica outside the Maya Region: Provenance, Manufacture, Distribution, and Symbolism
- 2:00 Elliot Lopez-Finn—"A Curious Ambivalence": The Iconography of Long-Distance Trade Goods in Postclassic Mexico
- 2:15 Jesper Nielsen, Christophe Helmke and Fiorella Fenoglio—A Dark Horse of the Early Postclassic: The Site of El Cerrito (Querétaro, Mexico) and Its Relationship to Chichen Itza and Tula
- 2:30 Mary Miller—How Tlaloc Got His Groove
- 2:45 Jeremy Coltman—Chichen Itza and the Early Postclassic International Style
- 3:00 Cecelia Klein—Of Eye Rings and Torches: The Fire Priests of Chichen Itza and Their Legacy in Aztec Tenochtitlan
- 3:15 Andrew D. Turner—Weapons of the Sun: Centipedes and Fire Serpents in the Art and Symbolism of Ancient Mesoamerica
- 3:30 Claudia Garcia-Des Lauriers—Towards a More Systematic Approach to Analyzing Artistic Influences: A View from the Pacific Coast of Southeastern Mesoamerica
- 3:45 Simon Martin—Stepping Out: The Maya Underworld and the Red Temple at Cacaxtla

Friday Afternoon, April 13**[210] SYMPOSIUM ■ SPATIAL APPROACHES IN AFRICAN ARCHAEOLOGY: CURRENT THEORIES, NEW METHODS***(Sponsored by Society of Africanist Archaeologists)***Room:** Washington Room 2**Time:** 1:00 PM–4:00 PM**Chairs:** Cameron Gokee and Carla Klehm**Participants:**

- 1:00 Carla Klehm, Adam Barnes, Forrest Follett and Katie Simon—From Geophysics to Building a Predictive GIS Model of Archaeological Sites in the African Interior: Spatial Archaeometric Applications of the Bosutswe Landscapes Regional Survey, Botswana
- 1:15 Thomas Fenn, Brett Kaufman, Ali Drine, Hans Barnard and Sami Ben Tahar—Preliminary Results of Ground Penetrating Radar (GPR) Geophysical Prospection at the Neo-Punic/Roman Period Site of Zita, Tunisia
- 1:30 Andrew Womack, Peter Coutros and Mamadou Cissé—Initial Results from Magnetometer Survey at the Sacred Site of Dakajalan, Mali
- 1:45 Tom Fitton—Comparative Evidence of Maritime Activity in the Early Swahili Harbours of Zanzibar
- 2:00 Monika Baumanova—Context-Specific Applications of Space Syntax on African Urban Sites
- 2:15 Kathryn Arthur, Sean Stretton and Matthew Curtis—Mapping Historical Sacred Spaces in Southern Ethiopia
- 2:30 Cameron Gokee—Multispectral Satellite Imagery for Mapping, Modeling, and Interpreting the Archaeological Landscape of Bandafassi, Senegal
- 2:45 Nadia Khalaf—Archaeological Survey and Geographical Information Systems (GIS) in African Archaeology: Perspectives from the Niger Valley, Benin
- 3:00 Sean Reid—Satellite Remote Sensing and Archaeological Survey in Central and Western Regions, Ghana
- 3:15 Joseph Mazzariello, Michael Harrower and A. Catherine D'Andrea—Empire of Aksum Settlement Patterns: Site Size Hierarchy and Spatial Clustering Analyses
- 3:30 Matthew Pawlowicz—Capturing People on the Move: Spatial Analysis and Remote Sensing in the Bantu Mobility Project, Basanga, Zambia
- 3:45 Michael Harrower—Discussant

**[211] SYMPOSIUM ■ THE EMPIRE STRIKES BACK: NEW DATA ON WARI IN MIDDLE HORIZON PERU****Room:** Madison A**Time:** 1:00 PM–4:00 PM**Chairs:** Patrick Ryan Williams and Milosz Giersz**Participants:**

- 1:00 M. Elizabeth Grávalos and Emily Sharp—Enduring Traditions, Material Transformations: Understanding Wari State Influence in Highland Ancash, Peru
- 1:15 Milosz Giersz—The Force Awakens: The Nature and Chronology of Wari Presence in the Huarmey Valley
- 1:30 Wiesław Wieckowski—Embodied Empire: Life and Death of Wari Elites from Castillo de Huarmey
- 1:45 Krzysztof Makowski and Roberto Pimentel—Skilled Craftsmen, Ancestors Cult, and Hegemonic Strategies of the Wari Empire
- 2:00 Rosa Maria Varillas and Francesca Fernandini—Wari Textiles for the Everyday and the Afterlife
- 2:15 Jason Kennedy, Bradley Parker and Matt Edwards—Plow Zone Archaeology in a Wari Imperial Center
- 2:30 Questions and Answers

Friday Afternoon, April 13

- 2:45 Justin Jennings, Patricia Knobloch and Elizabeth Gibbon—Who Founded Quilcapampa? Wari Agents, Social Network Analysis, and the Unfurling of a Middle Horizon State
- 3:00 Curran Fitzgerald, Cyrus Banikazemi and Donna Nash—A Galactic Empire: Celestial Bodies and Imperial Ideology on the Wari Frontier
- 3:15 Matthew Biver—Drinking Together: The Role of Foodways in the Wari and Huaracane Colonial Encounter in the Moquegua Valley, Peru
- 3:30 Brian Bauer—Discussant
- 3:45 William Isbell—Discussant

**[212] SYMPOSIUM ■ INNOVATIVE APPROACHES TO HUMAN-CANINE INTERACTIONS****Room:** Thurgood Marshall Ballroom South**Time:** 1:00 PM–4:00 PM**Chairs:** Angela Perri and Amanda Burt**Participants:**

- 1:00 Greger Larson, Laurent Frantz, Angela Perri, Ophelie Lebrasseur and James Haile—Testing the Dual Origin Dog Domestication Hypothesis
- 1:15 Laurent Frantz—Ancient Dog Genome Preserved in Tumor Provides Novel Insights into the Domestication of Dogs
- 1:30 Kelsey Witt, Laurent Frantz, Greger Larson, Angela Perri and Ripan Malhi—Genome Sequencing of Ancient Dogs in the Americas to Understand Their Demographic History
- 1:45 Keith Dobney, Ardern Hulme-Beaman, Carly Ameen, Allowen Evin and Thomas Cucchi—Divergence of Domestic Dog Morphology through Deep Time
- 2:00 Amanda Burt—The Diet of Dogs: Dental Microwear Texture Analysis to Interpret the Human-Canine Connection in Prehistoric North America
- 2:15 Rujana Jeger and Darcy Morey—When Dogs and People Were Buried Together
- 2:30 Carly Ameen, Anna Linderholm, Ellen McManus-Fry, Kate Britton and Keith Dobney—Friends in High Places. An Integrated Examination of the Long-Term Relationship between Humans and Dogs in Arctic Prehistory
- 2:45 Angela Perri, Chris Widga, Terrance Martin, Dennis Lawler and Thomas J. Loebel—New Evidence of the Earliest Domestic Dogs in the Americas
- 3:00 Maria Guagnin and Angela Perri—Dog-Assisted Hunting Strategies in the Early Holocene Rock Art of Saudi Arabia
- 3:15 David Anthony and Dorcas Brown—The Dogs of War: A Bronze Age Initiation Ritual in the Russian Steppes
- 3:30 Nerissa Russell—Guardians in Life and Death: Dogs at Neolithic Çatalhöyük and Beyond
- 3:45 Questions and Answers

**[213] SYMPOSIUM ■ THE INTERSECTION OF SUSTAINABILITY AND CLIMATE CHANGE IN TROPICAL SOCIAL SYSTEMS****Room:** Thurgood Marshall Ballroom East**Time:** 1:00 PM–4:15 PM**Chairs:** Roland Fletcher, Arlen Chase and Diane Chase**Participants:**

- 1:00 Lisa Lucero—Introduction to the Intersection of Sustainability and Climate Change in Tropical Social Systems
- 1:15 Vernon Scarborough and Christian Isendahl—The Early Role of Biogeography in the Creation of Modern Ecology Assessments
- 1:30 Patrick Roberts—'Finding the time': A Long-Term Perspective on Human Interactions with Tropical Landscapes and Its Implications for Sustainability

Friday Afternoon, April 13

- 1:45 Brendan Buckley, Rosanne D'Arrigo, Caroline Ummenhofer, Michael Griffiths and Kyle Hansen—Climate Change (Global and SE Asia)
- 2:00 Diane Chase and Arlen Chase—Sustainability and Climate Change in the Ancient Maya Area: Evidence from Remote Sensing and Long-Term Land Use
- 2:15 Eduardo Neves—The Role of Lowland Tropics as Centers of Landscape Domestication during the Middle Holocene in South America
- 2:30 Questions and Answers
- 2:45 Jose Iriarte, Mark Robinson, S. Maezumi, Daiana Travassos and Denise Schaan—Climate Change and Polyculture Agroforestry Systems: Examples from Amazonian Dark Earths
- 3:00 Emuobosa Orijiemie—Plant Management, Resilience and Environmental Changes in the Wetlands of Nigeria
- 3:15 Kathleen Morrison—6k Years of Land Use in South Asia: Sustainability, Power Relations, and Tropical Variability
- 3:30 Roland Fletcher—Low-Density, Dispersed Urbanism in the Tropical World: Some Global Implications
- 3:45 Sander Van Der Leeuw—Sustainability: The Next 100 Years
- 4:00 Nuria Sanz—Discussant

**[214] SYMPOSIUM ■ ADVANCES IN ROCK-ART ANALYSIS: FROM PORTABLE INSTRUMENTATION TO NEW INTERPRETATIONS**

**Room:** Washington Room 3

**Time:** 1:00 PM–4:30 PM

**Chair:** David Robinson

**Participants:**

- 1:00 James Ward and David Robinson—Sonic Landscapes, Past and Present: An Archaeoacoustical Study of Pleito
- 1:15 Clare Bedford and David Robinson—Deconstructing Rock Art – An Experimental Approach to the Application of Portable Analytical Instrumentation to Applied Pigments at Pleito, South-Central California
- 1:30 Matthew Baker, Clare Bedford and David Robinson—Integrating Portable Spectroscopy into Rock Art Investigations
- 1:45 Eleni Kotoula, David Robinson and Clare Bedford—Diagrammatic and Interactive Relighting Visualizations of Pictographs: Case Studies on Pinwheel, Boulder and Pleito Cave
- 2:00 Devlin Gandy and David Robinson—The Gordian Knot: Novel Methods for Digitally Identifying, Defining, and Separating Unique Rock Art Elements
- 2:15 Audrey Lindsay and Timothy Murphy—The Honda Ridge Pilot Project: Microscopy and Stratigraphy at the Honda Ridge Rock Art Site, Vandenberg Air Force Base, California
- 2:30 David Robinson, Eleni Kotoula, Clare Bedford, Devlin Gandy and Matthew Baker—Sequencing the Gordian Knot: Implications of the Pleito Main Cave Superimposition Analyses
- 2:45 Marta Diaz-Guardamino—Digital Imaging and Rock Art (Relational) Biographies: Reassessing Iberian Late Bronze Age “Warrior” Stelae
- 3:00 Pamela Allan, Moira McMenemy, Kelly Brown, Matthew Baker and David Robinson—Testing the Trance Hypothesis: Identifying Hallucinogenic Compounds from Quids at Pinwheel Cave, California
- 3:15 Christopher Ryan, Rick Bury, Jon Picciuolo, Antoinette Padgett and Dan Reeves—Illuminating Event-Based Significance at Three Rock Art Sites on Vandenberg AFB, CA
- 3:30 Brendan Cassidy, David Robinson and Devlin Gandy—Accessing the Inaccessible: Valuing Virtual Reality and Remote Access to Pleito Cave

Friday Afternoon, April 13

- 3:45 Questions and Answers  
 4:00 Carolyn Boyd—Discussant  
 4:15 John Robb—Discussant

**[215] SYMPOSIUM ■ CELEBRATING LYNNE GOLDSTEIN'S CONTRIBUTIONS TO  
 ARCHAEOLOGY OF THE PAST, PRESENT, AND FUTURE**

**Room:** Lincoln 5

**Time:** 1:00 PM–4:30 PM

**Chair:** Jodie O'Gorman

**Participants:**

- 1:00 William Lovis—Landscape Marking, the Creation of Meaning, and the Construction of Sacred and Secular Spaces: Rethinking the Birney "Mound" in the City of Bay City  
 1:15 John Richards, Sissel Schroeder and Jarrod Burks—Unseen Aztalan: Preliminary Results of a Geomagnetic Survey of the Aztalan Enclosure  
 1:30 Jodie O'Gorman—Migration, Ritual, and the Dead  
 1:45 John Kelly—Space and Place in Mississippian Societies; Lynne Goldstein's Impact on the Study of Aztalan and Cahokia Landscapes  
 2:00 Jane E. Buikstra and Jason King—The Missing Years: Continuity and/or Change in Woodland Funerals in the LIV  
 2:15 Jennifer Bengtson and Amy Michael—Mortuary Analysis and Bioarchaeology: A Survey of Integrative Approaches  
 2:30 Joseph Hefner and Michael Heilen—Establishing Cultural Affinity through Multiple Lines of Evidence  
 2:45 Shannon Freire, Patricia Richards and Brooke Drew—Six Impossible Things before Breakfast: Understanding Space and Place at the Milwaukee County Poor Farm Cemetery  
 3:00 Kent Lightfoot—The Future of Archaeological Research on Public Lands: A Case Study from California  
 3:15 Elizabeth Benchley and Judith Bense—Lynne Goldstein: A Pioneer in Public Archaeology  
 3:30 Terry Brock—Mentorship, Professionalism, and the MSU Campus Archaeology Program  
 3:45 Ethan Watrall—Towards an Approach to Building Mobile Digital Experiences for Campus Heritage & Archaeology  
 4:00 Robert Brinkmann—The Sustainability Lessons from the Archaeological Work of Lynne Goldstein: The Curious Environmental Stories of Aztalan, Fort Ross, and Michigan State University  
 4:15 James Brown—Discussant

**[216] SYMPOSIUM ■ GENDER AND POWER ON THE NORTH COAST OF PERU**

**Room:** Washington Room 1

**Time:** 1:00 PM–4:30 PM

**Chairs:** Cathy Costin and Augusto Bazan Perez

**Participants:**

- 1:00 Cathy Costin—Discussant  
 1:15 Augusto Bazan Perez—Discussant  
 1:30 Sarahh Scher—Seeing Gender Ambiguity in Moche Visual Culture  
 1:45 Erell Hubert—Moche Women: Multiple Realities and Alternative Powers  
 2:00 Erica Hill—Women, Sex and Sacrifice in Moche Iconography

Friday Afternoon, April 13

- 2:15 Pauline Clauwaerts—Emergence of Female Power on the North Coast of Peru: Exploring Priestesses' Identities and Their Influence within the Funerary Realm in San José de Moro
- 2:30 Luis Jaime Castillo—The Priestesses of San Jose de Moro
- 2:45 Arabel Fernandez—Entre símbolos de poder y género. Nuevas Interpretaciones sobre la Señora de Cao
- 3:00 Jennifer Marla Toyne—Victims or Venerated? A Bioarchaeological Examination of Gendered Ritual Violence and Social Identity of the Possible Aqlla at Túcume, Peru
- 3:15 Edward Swenson—Gender Complementarities and the Construction of Late Moche Political Landscapes
- 3:30 Carlos Wester—Chornancap: Palacio y Mausoleo de la Gobernante y de la Cultura Lambayeque, Perú
- 3:45 Patrycja Prządka-Giersz—Women's Power and Prestige in the Pre-Hispanic and Early Colonial Andes
- 4:00 Sofia Chacaltana Cortez—Discussant
- 4:15 Claudia Nuñez—Discussant

**[217] SYMPOSIUM ■ IN THE SERVICE OF A GREATER GOOD: BROADER APPLICATIONS OF ZOOARCHAEOLOGY IN THE ERA OF INTERDISCIPLINARY RESEARCH**  
*(Sponsored by SAA Zooarchaeology Interest Group)*

**Room:** Lincoln 6

**Time:** 1:00 PM–4:45 PM

**Chair:** Siavash Samei

**Participants:**

- 1:00 Kitty Emery, Rob Guralnick, Michelle LeFebvre, Laura Brenskelle and Sarah Whitcher Kansa—ZooArchNet: Linking Zooarchaeology Data to Archaeological and Biodiversity Information for Big-Data Archaeological Research
- 1:15 Aaron Deter-Wolf and Tanya Peres—Archaic Tattooing and Bundle Keeping in Tennessee, ca. 1600 BC
- 1:30 Naomi Sykes, Greger Larson, Carly Ameen, Philip Shaw and Tom Fowler—The Easter E.g. - Changing Perceptions of Cultural and Biological “Aliens”
- 1:45 Jacqueline Meier—Faunal Perspectives on Occupation Intensity and Use of Space at Neolithic Kfar HaHoresh
- 2:00 Randee Fladeboe—Investigating Feather Harvesting of Captive Macaws at Wupatki Pueblo, Arizona
- 2:15 Aleksa Alaica and Véronique Bélisle—Middle Horizon Cusco and Long-Distance Networks: Reconciling Spatial Variation through a Zooarchaeological Lens at Ak'awillay, Peru
- 2:30 Elizabeth Reitz—Rare Animals at a Mississippian Chiefly Compound: The Irene Mound Site (9CH1), Georgia, USA
- 2:45 Levent Atici—Explanatory Frameworks in Zooarchaeological Research: Are Dichotomies Necessary and Meaningful?
- 3:00 Aaron Armstrong and Martha Tappen—Implications of Efe Ethnoarchaeology for Recognizing Human-Derived Faunal Assemblages and Carcass Processing Decisions
- 3:15 Tanya Peres and Aaron Deter-Wolf—Shell Heaps as Indicators of Resource Management
- 3:30 Sarah P. Sportman—From Frontier to Farm Town: Subsistence and Diet in Old Wethersfield, Connecticut, 1636-1750

Friday Afternoon, April 13

- 3:45 Ashley Sharpe, Kitty Emery and John Pfeiffer—Bringing Two Halves Together: Combining Modern Phylogenetics and Zooarchaeological Analysis to Understand Past and Present Trends of Freshwater Mussels (Unionidae) in Mesoamerica
- 4:00 August Costa, Jonathan Lohse and Stephanie Orsini—High Resolution Chronology and Paleobiogeography of Bison and Pronghorn Occupation in Southeast Texas and their Implications for Human Paleoecology
- 4:15 Carla Hadden, Margo Schwadron, Alexandra Parsons and Taesoo Jung—Paleoecology, Paleoclimate, and Paleoeconomy at the Turner River Mound Complex, Everglades National Park
- 4:30 Arianne Boileau—Testing the Stratigraphic Integrity of Shallow Deposits through Zooarchaeology at Lamanai, Belize

**[218] SYMPOSIUM ■ LEARNING FROM HOMOL'OVI: PAPERS IN HONOR OF E. CHARLES ADAMS AND RICHARD C. LANGE**

**Room:** Washington Room 4

**Time:** 1:00 PM–4:45 PM

**Chairs:** Samantha Fladd, Saul Hedquist and Lisa Young

**Participants:**

- 1:00 Lisa Young, Micah Loma'omvaya, Susan Sekaquaptewa and Gwen Setalla—Continuing Collaborations at Homol'ovi: A View from the Corn Roasting Pit
- 1:15 Ruth Van Dyke—In Homage to Homol'ovi: Architecture and Ceremony in Chaco Canyon
- 1:30 Karen Harry—Shrines, Dedication Practices, and Closure Activities at Lava Ridge Ruin
- 1:45 Claire Barker, Samantha Fladd and Kelley Hays-Gilpin—Macaws on Pots: Images, Symbolism, and Deposition at Homol'ovi
- 2:00 Laurie Webster—Cotton as Commodity in the Prehispanic Southwest
- 2:15 Patrick Lyons, Don Burgess, Marilyn Marshall and Jaye Smith—New Perspectives on the Maverick Mountain Phase Roomblock at Point of Pines Pueblo
- 2:30 William Walker and Axel Nielsen—Prophets of the Ancient Southwest
- 2:45 Andrew Duff, Wesley Bernardini and Gregson Schachner—The Homol'ovi Research Project – The View from ASU
- 3:00 Douglas Gann—Digital Public Archaeology at Homol'ovi: The Arizona State Museum's Contributions to the Digital Humanities
- 3:15 Danielle Soza—"Is This A Thing?": Opportunities and Results of the Rock Art Ranch NSF-REU Program
- 3:30 Karen Adams and Susan Smith—Food for Thought: Engaging Field School Students in the World of Plants
- 3:45 Krystal Britt, Claire Barker, Samantha Fladd and Danielle Soza—Sunset at Rock Art Ranch: Human Use and Occupation of the Middle Little Colorado River Valley before the Homol'ovi Settlement Cluster
- 4:00 Saul Hedquist, Samantha Fladd, Vincent M. LaMotta and Nancy Odegaard—And the Legacy Continues: Homol'ovi Looking Forward
- 4:15 Richard Lange—Discussant
- 4:30 E. Adams—Discussant

Friday Afternoon, April 13**[219] SYMPOSIUM ■ MOBILITY AS HUMAN-ENVIRONMENT INTERACTION***(Sponsored by Hominin Dispersals Research Group)***Room:** Marriott Salon 1**Time:** 1:00 PM–4:30 PM**Chairs:** Dario Guiducci, Simon Paquin and Colin Wren**Participants:**

- 1:00 Ariane Burke—Discussant
- 1:15 Michelle Drapeau and Jesseca Paquette—Habitat Preferences in Early Hominins and the Origin of the Human Lineage
- 1:30 Michael Bisson—Uses and Limitations of the “Sangoan” for Understanding Hominin Mobility and Dispersals: An Example from Northeastern Zambia
- 1:45 Simon Paquin and Ariane Burke—Evaluating the Impact of Climatic and Environmental Conditions on AMH Initial Dispersal into Western Europe
- 2:00 Genevieve Pothier Bouchard, Fabio Negrino, Julien Riel-Salvatore and Pascale Tremblay—Zooarchaeological insights into modern human mobility at Riparo Bombrini
- 2:15 C. Michael Barton and Julien Riel-Salvatore—You’re Going to Carry That Weight a Long Time
- 2:30 Questions and Answers
- 2:45 Dario Guiducci and Ariane Burke—A GIS Approach to Landscape Legibility and Its Role in Late Pleistocene Hominin Dispersals
- 3:00 Luc Doyon—Aurignacian Projectile Points Do Not Represent a Proxy for the Initial Dispersal of *Homo sapiens* into Europe: Insights from Geometric Morphometrics
- 3:15 Colin Wren and Ariane Burke—Landscape Connectivity, Habitat Suitability and Cultural Transmission during the Last Glacial Maximum in Western Europe
- 3:30 Rhiannon Stevens, Hazel Reade, Sophy Charlton and Jennifer Tripp—The UpNorth Project: Environment Context of Late and Final Palaeolithic Dispersals
- 3:45 Jennifer Bracewell—A GIS Approach to Understanding Post-sedentary Hunter-Gatherers: A Case from Northern Finland
- 4:00 Andre Costopoulos—The Impact on Mobility of Regional Variability in Rates of Environmental Change: An Agent-Based Simulation Approach
- 4:15 Julien Riel-Salvatore—Discussant

**[220] SYMPOSIUM ■ PONDERING GENDERED LANDSCAPES****Room:** Marriott Salon 3**Time:** 1:00 PM–5:00 PM**Chair:** William Meyer**Participants:**

- 1:00 Amanda Logan and Dela Kuma—Foodscapes as Gendered Landscapes in West Africa
- 1:15 Rachel Briggs—The Mississippianization of Women in the Black Warrior Valley of Alabama, A.D. 1120–1250
- 1:30 Emily Dylla—Hunters, Soldiers, and Holy Men: Exploring the Gendered Politics of Mission Landscapes in Alta California
- 1:45 Jessica Striebel MacLean—Destabilizing the Planters Prospect: The Embedded Landscapes of White Creole Masculinity at an 18th-Century Plantation House in Montserrat, West Indies
- 2:00 Deborah Rotman—Collective Labor, Communal Lives: Social Dynamics of 19th-Century Rural Life in Northwest Co. Mayo, Ireland
- 2:15 T. L. Thurston—Andra tider, andra seder: Shifting Taskscapes of Gender, Age and Class in Early Sweden

Friday Afternoon, April 13

- 2:30 Kathryn Franklin—Landscapes of the Silk Road: Written, Imagined, and Embodied Spacetimes
- 2:45 Sara Becker—Landscape and Labor: Bones and Bodies of the Tiwanaku State
- 3:00 Hetty Jo Brumbach and Robert Jarvenpa—A Comparative Ethnoarchaeological Approach to Gender and Landscape: Livelihood and Viewshed
- 3:15 Megan Springate—A Queer Look at a Changing Vacation Landscape: Respectability and Resistance
- 3:30 Nathan Klembara—In and “Out” of the Cave: Queerness on the Upper Paleolithic Funerary Landscape
- 3:45 Peter Whitridge—Arctic Heterotopias: Qariyit as Queer Spaces in Precontact Inuit Communities
- 4:00 Brenda Bowser—Living Things in the Landscape: Gendered Perspectives from Amazonia
- 4:15 Kristen Barnett—Ellmig Qukaq. She is the Center: Indigenous Archaeology of Temyiq Tuyuryaq
- 4:30 Silvia Tomaskova—Discussant
- 4:45 Wendy Ashmore—Discussant

**[221] POSTER SESSION ■ ENVIRONMENTAL ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 221-a Sean Bergin and Grant Snitker—Large-Scale Socioecological Transformation: The Effects of Subsistence Change on Holocene Vegetation across Europe
- 221-b Amy Schott—Soil Quality and Agricultural Productivity of Eolian Landscapes in Petrified Forest National Park
- 221-c Stephanie Gruver—*Mesodesma donacium* as a Paleoclimatic Archive on the Coast of Peru
- 221-d Andrew Gillreath-Brown, RPA, Kyle Bocinsky, Simon Goring and Tim A. Kohler—Paleotemperature Reconstructions of the Upland United States Southwest for the Last 2,000 Years
- 221-e Thomas Whitley, Michael Konzak, Bryan Mischke, Robert Watson and Paul Engel—20,000 Years under the Sea: Dynamically Visualizing the Past and Future of Shorelines, Ecosystems, and Climate Change at Point Reyes, California
- 221-f Ana Gomes, Brandon Zinsious, Mussa Raja, Nuno Bicho and Jonathan Haws—Holocene Palaeoenvironmental Changes in Southeastern Mozambique: The Case of the Inhambane Bay
- 221-g Lorenzo Castellano, Roderick Campbell and Yitzchak Jaffe—Climatic Narratives across Eurasia: A Comparative Study of the 4.2k Event in Western and Eastern Asia
- 221-h Jeremy Pye—Assessing Malaria Risk in 19th Century Tucson, Arizona
- 221-i Megan Cleary—Stress and Sociocultural Reactions to Environmental Change in the Late and Terminal Lima on the Central Coast of Peru
- 221-j Nicolas Gauthier—Agricultural Niche Construction in Roman North Africa: Simulating Irrigation and Deforestation on a Desert Margin

Friday Afternoon, April 13**[222] POSTER SESSION ■ PUBLIC & COMMUNITY ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 222-a Tawnya Waggle, Laura Hronec, Jasmine Kidwell, Donald Purdon and Jenna Domeischel—Blackwater Draw: Turning Student Research into Public Outreach
- 222-b Kirk French—Cheap Beer and Generic Weenies vs. Craft Brews and Artisan Sausages – The Archaeology of Tailgating at Penn State University
- 222-c Jayne-Leigh Thomas, Larry Zimmerman, Felipe Estudillo Colon, Jeffrey Bendremer and Jennifer Meta Robinson—Learning by Example: Exploring the Importance of Case Studies in Learning NAGPRA
- 222-d Kary Stackelbeck, Allison Douglas, Shawn Lambert, Bonnie Pitblado and Meghan Dudley—Many Pathways to Stewardship of Oklahoma's Past and Present
- 222-e Robert Speakman, Victor Thompson, KC Jones, Isabelle Lulewicz and Carla Hadden—Academic Jobs in Archaeology
- 222-f Jenna Domeischel, Jesse Tune, Christine Gilbertson and Heather Smith—UAV-Based Mapping and Public Outreach at Blackwater Draw
- 222-g Amalia Perez-Juez, Ricardo Elia and Meredith Langlitz—Students Discover Heritage: Lessons from the Field Boston University Field School in Archaeological Heritage Management (Menorca-Spain)
- 222-h Dru McGill, John Wall, John K. Millhauser, Vincent Melomo and Ruth Little—Saving Oberlin: African-American Historic Archaeology and Preservation in Raleigh, North Carolina
- 222-i Beth Sheehan—The Influence of Journal Publishers on Archaeology Data Sharing
- 222-j Corey Bowen—Archaeology AskHistorians: Public-driven Inquiry and Outreach in the Digital Age

**[223] POSTER SESSION ■ EXPERIMENTAL APPROACHES TO ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 223-a Catherine Carbone—Preliminary Study in Skeletal Weathering in the Southwest Llano Estacado
- 223-b Tressa Munger, Caitlyn Stellmach, Laura Peck, KC Carlson and Lee Bement—The Butchering Patterns Present at the Bull Creek Camp: A Late Paleoindian Site in Oklahoma
- 223-c Emma Behling and L. Adrien Hannus—Experimental Recreation of Shell Fishing Implements at Mitchell Indian Village in South Dakota
- 223-d Madison Grant and Jacqueline Pittman—An Experimental Approach to Fracture Variation Attributed to Weapon Morphology Using Replica Chankán Macs
- 223-e Charles Boyd, Donna Boyd and Marta Paulson—How Experimental Research in Forensic Archaeology Informs Archaeological Practice: Differentiating Perimortem Fracture from Postmortem Breakage
- 223-f Theresa Barket, Andrew Garrison, Claudia Camacho-Trejo and David Sosa—Revisiting the Function of Humboldt Points: Reflections from the Late Prehistoric Hackney Site in Mariposa County, California
- 223-g Anthony Graesch, Annette Davis, Sarah Harris, Andrew Prunk and Hector Salazar—An Experimental Archaeological and Digital Approach to Understanding the Manufacture of Slate Fishing Knives in Southwestern British Columbia

Friday Afternoon, April 13

- 223-h Elise Widmayer—An Experimental Approach to Understanding Paleoindian Bipolar Lithic Artifacts

**[224] POSTER SESSION ■ GEOARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 224-a Christopher L. Hill—Sedimentary and Taphonomic Contexts of Quaternary Vertebrate Fossils in the Northern Rocky Mountains
- 224-b Petra Elfström, Nathan Goodale, Alissa Nauman, Colin Quinn and Emily Rubinstein —Sediment Geochemistry and Household Spatial Analysis: Social Organization and Housepit Floors from Three Millennia of Occupation at the Slocan Narrows Site, Interior Pacific Northwest
- 224-c Elizabeth Graham, Richard Macphail, Phillip Austin and Lindsay Duncan—Marco Gonzalez, Ambergris Caye, Belize - Evidence for Salt Production
- 224-d Erica Krueger, Jon Wittig, Michael Savarese, Kylie Palmer and Antonio Arruza—Impact of Oyster Overharvesting in Southwest Florida by Calusa Native Americans
- 224-e Julie Field, Christopher Roos and Rebecca Hazard—Evidence for Forest Clearance and Food Production in Lapita and Post-Lapita Fiji
- 224-f Bethany Whitlock, Kevin Lane, Charles French, David Beresford-Jones and Oliver Huaman Oros —Identifying Strategies of Integration and Cooperation during the Late Intermediate Period (AD 1000–1480) at Sangayaico, South-Central Andes, Peru
- 224-g Beatrice Fletcher, Aubrey Cannon, Scott Martin and Eduard Reinhardt—Revealing Woodland Period Landscape Use at Rat Island, Hamilton Ontario Using Itrax™ XRF Soil Chemical Analysis
- 224-h Samantha Gibson, Kylie Palmer, Sasha Linsin Wohlpert, Michael Savarese and Karen Walker—Late Holocene Oyster Reef Development and Its Impact on Calusa Natural Resource Utilization, Estero Bay, Southwest Florida
- 224-i Josie Newbold—A Structural Geological Study of the Tombs of Nabataean Petra
- 224-j Megan LeBlanc—The Hydrologic and Geologic Dynamics of the Las Peñas Spring
- 224-k Clayton Meredith and Keith M. Prufer—The Rise and Fall of the Forest Canopy: An Application of Compound-Specific Stable Isotopic Analysis to a Holocene Sequence of Soils as a Record of Human Impacts in Southern Belize

**[225] POSTER SESSION ■ TRADE & EXCHANGE I****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 225-a Micah Hale, Adam Giacinto and Nicholas Hanten—Micro Currencies Can Rapidly Appear Among Energy Maximizers: A Case Study from the Southern Sierra Nevada Foothills
- 225-b Daniel Wilcox and Paul Nick Kardulias—Trade and Production of Steatite Vessels in New England
- 225-c Andrew Krug, Kyle Waller and Christine VanPool—Isotopic Approaches to Marine Shell Exchange in the Southwest
- 225-d Francis Lamothe, Karine Tache and Roland Tremblay—Human Presence and Intersocietal Interactions in the Laurentians (Quebec, Canada)
- 225-e Shannon Horton—What the Ceramics Tell Us About the Inhabitants of the Steve Perkins Site

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- 225-f Escee Lopez, Santos Cisceneros, Shelby Medina, Jessica Morales and Rene Vellanoweth—Economic and Style Trends of Shell Beads from the Tule Creek Village Site (CA-SNI-25) of San Nicolas Island, California
- 225-g Sara Zaia and Katherine Rose—Connecting the Dead: A Comparison of Pre-dynastic Nubian and Egyptian Cemeteries
- 225-h Madeleine Yakal—Origins and Movement of Tradeware Ceramics in the Bicol River, Philippines: Applying pXRF Technology to Trade and Interaction Research

**[226] POSTER SESSION ■ MESA VERDE ANCESTRAL PUEBLO VILLAGES: RECENT RESEARCH**

**Room:** Exhibit Hall B South

**Time:** 2:00 PM–4:00 PM

**Chair:** Donna Glowacki

**Participants:**

- 226-a Grant Coffey and Mark Varien—The Final Frontier: Chaco Great Houses in the Great Sage Plain of Southwestern Colorado
- 226-b Donna Glowacki and Kyle Bocinsky—The Great Houses of the Mesa Verde Cuesta
- 226-c Sean Field—Chaco Connections to Mesa Verde: An Engagement with Interregional Landscape Relationships
- 226-d Rebecca Simon and Shanna R. Diederichs—"Where the Stone Wall Ends": Exploring Community Development through Great House Architecture
- 226-e Kelsey Reese and Brian Yaquinto—Mind the Gap: The Mesa Verde North Escarpment
- 226-f Tim Hovezak, Gary Ethridge and Gay Ives—JW Fewkes, James "Al" Lancaster, and Beyond: A Century of Preservation Archeology at Mesa Verde National Park
- 226-g Katherine Portman, Donna Glowacki and Kyle Bocinsky—Water Management on the Mesa: The Horseshoe Ridge Reservoir Community and the Occupation of Park Mesa, Colorado
- 226-h Gay Ives, Sheldon Baker, Christine McAllister and Tim Hovezak—Roads, Canals, and Agricultural Fields: Widespread Landscape Development across Chapin Mesa, Mesa Verde National Park

**[227] SYMPOSIUM ■ SOCIAL LEARNING IN THE PALEOLITHIC: EXPERIMENTAL APPROACHES**

**Room:** Taft

**Time:** 2:15 PM–5:00 PM

**Chairs:** Kathryn Ranhorn and Luke Premo

**Participants:**

- 2:15 Gilbert Tostevin, Luke Premo and William Wimsatt—Using Agent-Based Modeling to Study Constraints on the Social Learning of Lithic Technology
- 2:30 Knut Bretzke—A Probabilistic Approach to Study Diachronic Patterns in Human Behavior: A Case Study from the Paleolithic Sequence at Jebel Faya, UAE
- 2:45 Jonathan Paige and Charles Perreault—Was Acheulean Technology Genetically Transmitted? Comparing Variation in Acheulean Tools to Variation in North American Bird Nests
- 3:00 Megan Beney, Shelby Putt and Dietrich Stout—Pedagogy in the Paleolithic? The Influence of Verbal Teaching on Stone Knapping Skill Acquisition
- 3:15 Mark Moore—Experiments in Stone-Flaking Design Space and Implications for Social Learning Models

Friday Afternoon, April 13

- 3:30 Dietrich Stout, Justin Pargeter, Nada Khreisheh, Katherine Bryant and Erin Hecht—The "Molecular Genetics" of Social Learning: Skill Acquisition and Individual Differences in Learning
- 3:45 Kathryn Ranhorn, David R. Braun, Francys Subiaul and Alison Brooks—Levallois, Learning, and Lithic Variation: Results from Porcelain Flintknapping Experiments
- 4:00 Alison Brooks and John Yellen—Social Learning Among recent Hunter-Gatherers: Jun/wasi Examples
- 4:15 Luke Premo—Discussant
- 4:30 Steven Kuhn—Discussant
- 4:45 Questions and Answers

**[228] SYMPOSIUM ■ RECENT ADVANCES IN THE ARCHAEOLOGY OF THE CAROLINAS****Room:** Jefferson**Time:** 4:15 PM–5:00 PM**Chairs:** Adrienne Daggett and Keely Lewis**Participants:**

- 4:15 Linda Stine—The Quaker Farm That Wasn't: Archaeology at the Smith Farmstead
- 4:30 Keith Stephenson and Karen Smith—A Retrospect of Deptford in South Carolina
- 4:45 Mary Fitts and John Mintz—Transcending Borders: A New Approach to Prehistoric Contexts in North Carolina

Saturday Morning, April 14**Saturday Morning ■ April 14, 2018****[229] SYMPOSIUM ■ THE ATLANTIC IRON AGE AND THE CIVIDADE DE BAGUNTE IN NORTHWEST PORTUGAL****Room:** Madison B**Time:** 8:00 AM–9:45 AM**Chairs:** Mariah Wade and Pedro Brochado De Almeida**Participants:**

- 8:00 Pedro Brochado De Almeida—The Cividade de Bagunte Archaeological Project
- 8:15 Mariah Wade—The Penumbra of Castro Archaeology: Evidence and Questions
- 8:30 Jordan Bowers—Space, Place, and Landscape at Cividade de Bagunte
- 8:45 John Duncan Hurt—The Cividade de Bagunte and the Problems of Castro Architecture
- 9:00 Patricia Neuhoﬀ-Malorzo—Agriculture and Resource Procurement for the Castro Settlements of NW Iberia: Examination of Floatation Samples for the Castro Site of Bagunte
- 9:15 Elizabeth De Marigny—The Economics behind Pottery: The Impact of Romanization on Castro Culture Ceramics in the Littoral Northwest
- 9:30 Nadya Prociuk—Changing Times, Changing Ways? Evidence for Metallurgy at the Cividade de Bagunte

**[230] SYMPOSIUM ■ ARCHAEOLOGIES OF INFRASTRUCTURE: MATERIAL RELATIONS AND HUMAN HISTORIES****Room:** Taft**Time:** 8:00 AM–9:45 AM**Chairs:** Christopher Morehart and Andrew Bauer**Participants:**

- 8:00 Peter Johansen—Assembling Infrastructure, Detotalizing Communities: Provincial Infrastructure as Situated History and Landscape in British Columbia
- 8:15 Christina Halperin, Jean-Baptiste Le Moine and Enrique Perez Zambrano—Infrastructures of Moving Water at a Terminal Classic Maya Site in Petén, Guatemala
- 8:30 Steve Kosiba—Crumbling Infrastructure: Archaeological Perspectives
- 8:45 Andrew Bauer—Growing Infrastructure, Cultivating Differences: The Temporalities of Agricultural Assemblages and the Social History of the Raichur Doab, Southern India
- 9:00 Jared Koller and Stephen Acabado—Under the Church Bell: Reducción and Control in Spanish Philippines
- 9:15 Christopher Morehart—Cosmologies of Ruins and Ruination: Infrastructures and the Anthropocene
- 9:30 Emily Hammer—Water and Pasture Infrastructure of Mobile Pastoralists in Southeastern Turkey

**[231] ELECTRONIC SYMPOSIUM ■ FUTURES AND CHALLENGES IN GOVERNMENT DIGITAL ARCHAEOLOGY***(Sponsored by SAA Digital Data Interest Group)***Room:** Delaware B**Time:** 8:00 AM–10:00 AM**Chair:** Jolene Smith**Participants:**

David Gadsby—Approaches, Rationales, and Challenges to Maintaining Site Inventory in the National Parks

Saturday Morning, April 14

Jolene Smith—Always Halfway There: Keeping Up with Digital Archaeological Data in Virginia

Matthew McKnight—The Maryland Archaeological Synthesis Project: One State's Solution to Archaeology's Crushing Gray Literature Problem

Leigh Anne Ellison—Sharing Curation Expertise and Space for Digital Archaeological Data

Joshua J. Wells—Principles of Open Government Archaeology: Lessons from the Digital Index of North American Archaeology (DINAA)

Cecilia Smith—Ethics and Best Practices for Mapping Archaeological Sites

Rachel Watson—Can You Make Me a Map? Making Louisiana's Cultural Resources Records Accessible

Rosemarie Blewitt—Managing Digital Data at the North Carolina Office of State Archaeology: Challenges and Directions

Mary De La Garza—10 Years, 3 Supervisors, 7 Assistants and 30 Students. How the Iowa Office of the State Archaeologist Managed, Manages and Plans for the Future of Archaeological Data

**[232] FORUM ■ MILITARY ARCHAEOLOGY RESOURCES SUBGROUP FORUM:  
ARCHAEOLOGICAL RESEARCH CONTRIBUTIONS FROM CRM ON MILITARY LANDS**  
(Sponsored by SAA Military Archaeology Resources Subgroup)

**Room:** Jackson

**Time:** 8:00 AM–10:00 AM

**Moderators:** Kristen Mt. Joy and Jake Fruhlinger

**Participants:**

Julie Esdale—Discussant

Alexander Woods—Discussant

Craig Dengel—Discussant

Robert Neyland—Discussant

Shaun Nelson—Discussant

Reymundo Chapa—Discussant

**[233] FORUM ■ ENOUGH TALKING ALREADY: TIME TO DEFINE PUBLIC EDUCATION FOR THE  
NEXT 25 YEARS**

(Sponsored by SAA Public Archaeology Interest Group [PAIG])

**Room:** Jefferson

**Time:** 8:00 AM–10:00 AM

**Moderators:** Eleanor King and Carol Ellick

**Participants:**

Mia Carey—Discussant

Meredith Langlitz—Discussant

Shereen Lerner—Discussant

Jeanne Moe—Discussant

Elizabeth Reetz—Discussant

LaMarise Reid—Discussant

Della Scott-Ireton—Discussant

Lynne Sebastian—Discussant

Ben Thomas—Discussant

Jessica Yaquinto—Discussant

Saturday Morning, April 14

- [234] FORUM ■ THE NUTS AND BOLTS OF AGENT-BASED MODELLING FOR  
ARCHAEOLOGICAL SCIENCE**  
**Room:** Washington Room 5  
**Time:** 8:00 AM–10:00 AM  
**Moderator:** Colin Wren

**Participants:**

Sean Bergin—Discussant  
James Allison—Discussant  
Claudine Gravel-Miguel—Discussant  
Jonathan Reeves—Discussant  
Grant Snitker—Discussant  
Nicolas Gauthier—Discussant  
Stefani Crabtree—Discussant  
C. Michael Barton—Discussant

- [235] FORUM ■ LEAST COST PATH TO REDUCE THE GENDER GAP: FEMALE VOICES  
CONTRIBUTING TO GIS AND REMOTE SENSING IN ARCHAEOLOGY**  
**Room:** Park Tower Suite 8222  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Gabriela Ore Menendez and Lauren Kohut

**Participants:**

Heather Richards-Rissetto—Discussant  
Jennie Sturm—Discussant  
Hali Thurber—Discussant  
Jennifer Haas—Discussant  
Marieka Brouwer Burg—Discussant  
Kisha Supernant—Discussant  
Meghan Howey—Discussant  
Silvia Tomaskova—Discussant

- [236] FORUM ■ HERITAGE STILL MATTERS: ARCHAEOLOGY AND COMMUNITY  
ENGAGEMENT THROUGH POLITICAL ADVOCACY**  
*(Sponsored by Coalition for American Heritage)*  
**Room:** Park Tower Suite 8212  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Sara Gale and Sarah Miller

**Participants:**

Bonnie Pitblado—Discussant  
Paul Minnis—Discussant  
Barbara Little—Discussant  
J. Joseph—Discussant  
Marion Werkheiser—Discussant  
Judith Bense—Discussant

- [237] FORUM ■ THE INTANGIBLE DIMENSIONS OF FOOD IN THE CARIBBEAN ANCIENT AND  
RECENT PAST**  
**Room:** Park Tower Suite 8206  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** L. Antonio Curet and Mary Jane Berman

Saturday Morning, April 14**Participants:**

Brittany Mistretta—Discussant  
 Sophia Perdikaris—Discussant  
 Christina M. Giovas—Discussant  
 Sarah Oas—Discussant  
 Jaime R. Pagan-Jimenez—Discussant  
 Amanda Logan—Discussant

**[238] POSTER SESSION ■ DIGITAL ARCHAEOLOGY: PHOTOGRAMMETRY, REMOTE SENSING, DRONES**

**Room:** Exhibit Hall B South

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 238-a Leslie Perkins and Travis Stanton—Light Detection and Ranging (LiDAR) of San Gervasio, Isla Cozumel, Quintana Roo, Mexico
- 238-b Christopher Carr—Potential Method for Structure Alignment by the Ancient Maya
- 238-c William Feltz—A Study of 3D Photogrammetry and Oneota Ceramics
- 238-d Melanie Heizer—Photogrammetric Results of Cemetery Inscription Analysis
- 238-e Matthew Howland and Thomas E. Levy—Digital Deforestation: DTM Generation with Agisoft Photoscan
- 238-f Andrea Kruse—Digital History and Storytelling through Routt National Forest Past and Present Photographs
- 238-g Robert J. DiNapoli, Terry L. Hunt and Carl P. Lipo—Quantifying Energy Investment in Monuments (Ahu) on Rapa Nui (Easter Island) Using Structure from Motion Mapping
- 238-h Carey Baxter, Michael Hargrave, George Calfas, Samuel Vance and Andrew Hamblin—3-D Scanning, LiDAR, and UASs in Cultural Property Protection
- 238-i Rachel Fernandez and Leigh Anne Ellison—Hidden Threat: Issues with Confidentiality and Protection of Digital Data
- 238-j Benjamin Baaske and Kevin Austin—Study of Historical Visualization: Case Study in Process Documentation at Xno'ha
- 238-k Rachel Grap—Landscape Scale Ground Penetrating Radar and Magnetometry at Tel Shimron, Jezreel Valley, Israel
- 238-l Emily Milton, Kurt Rademaker and Peter Leach—Are We Living in a Simulation? Digital Reconstructions of Early Sites in Coastal Peru
- 238-m Nicholas Case, William Taylor and Julia Clark—Digital Archaeology In Mongolia: Visualizing the Data
- 238-n Elise Jakoby Laugier—Reconstructing Land-Use Histories in Ecologically Transitional Mesopotamian Landscapes

**[239] POSTER SESSION ■ ARCHAEOLOGICAL APPROACHES IN GIS: NORTH AMERICA**

**Room:** Exhibit Hall B South

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 239-a Andrew Anklaam and Dan Wendt—Modeling Proglacial Shore Lines of Glacial Lake Agassiz around Prehistoric Quarries in Northern Minnesota
- 239-b Kathryn Bobolinski and Ashley Hampton—Continuity or Change: A GIS Analysis of Artifact Distributions from Pre-colonial Housepit 54
- 239-c Jakob Hanschu—Quantifying the Qualitative: Locating North-Central Kansas Burial Mounds
- 239-d Ethan Ryan—Chipping Away through Space and Time: A Macroevolutionary Approach to Household Spatial Organization

Saturday Morning, April 14

- 239-e Amanda Renner, Ralph Hartley and William Hunt—A Geospatial Analysis Exploring Movement and Perception in the Selection of Alpine Cairn Locations in Southeast Alaska
- 239-f Robert Gustas and Kisha Supernant—Theoretical Frameworks for Modelling Late-Pleistocene Coastal Migration into the New World
- 239-g Rebekah Truhan—The Grateful Dead: A GIS Approach to Determining the Correlation between Habitation Sites and Burial Sites in the Woodland Period in Iowa
- 239-h Danielle Cannon and Carly Plesic—Using ArcMap to Create a Database for an Historic Cemetery in Northeast Pennsylvania
- 239-i Erin Cagney and Joe Dent—Of Palisades and Postmolds
- 239-j Derrick Marcucci, Susan Gade and Antonio Martinez Tunon—The VerHage Site: A Late Archaic Seasonal Village located in Wallkill Drainage of Southeastern New York
- 239-k Emily Mierswa, Crystina Friese and Meghan Howey—Graves in the Forest: Mapping Lost Colonial Cemeteries in the Oyster River Watershed
- 239-l Andrew Clark—Warfare and Topography in the Middle Missouri
- 239-m Vanessa Sullivan—Sinking into the Maritime Archaeology of the Ocean State: The Use of GIS to Analyze Rhode Island's Submerged Archaeological Sensitivity
- 239-n Ashley Hampton—A Stone Throw(n) Away: Examining the Interconnection between Identity and Division of Labor through an Evolutionary Analysis of Household Spatial Organization
- 239-o Moira Peckham and Annie Danis—Community- Engaged Archaeology with Abiquiú, New Mexico
- 239-p Becca Peixotto—Paths of Connection in the Great Dismal Swamp: Wetland Watercourses as Indigenous and Maroon Landscape Features

**[240] POSTER SESSION ■ ARCHAEOLOGICAL APPROACHES IN GIS: SOUTH AMERICA****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 240-a Ian Beggen—Preliminary Investigations into the Site of Chullpa K'asa in Southwestern Bolivia
- 240-b Sarah Kennedy—Life in a Colonial Mining Camp: Reconstructing Power and Identity in a Colonial Context (Puno, Peru)
- 240-c Rachael Penfil and Kelita Pérez Cubas—Control, Visibility, and Storage at Monte Sierpe, a Late Horizon Site in the Pisco Valley, Peru
- 240-d Brendon Murray, Patrick Mullins and Brian Billman—GIS Analysis of Monumental Structures at the Late Moche Site of Galindo
- 240-e Camille Weinberg, Jo Osborn, Rachael Penfil and Kelita Pérez Cubas—New Evidence of Late Intermediate and Inca Occupation at Jahuary, Quebrada de Topará, Peru
- 240-f Sarah Stagg and Jason Toohey—Rock Art and the Creation of Landscape at Callacpuma, Peru
- 240-g Grace Ellis, Anna Browne Ribeiro and Filippo Stampanoni—Ancient Landscapes of Amazonia: A Study of Pre-Colonial Processes and Contemporary Use at Macurany, Brazil
- 240-h Ashley Harris, Jason Toohey and Kirk Scheffler—GIS Applications in the Analysis of Prehispanic Settlement in Cajamarca, Peru

Saturday Morning, April 14**[241] POSTER SESSION ■ HISTORICAL ARCHAEOLOGY OF NORTH AMERICA****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 241-a Eileen Ernenwein, Jay Franklin and Nathan Shreve—Cherokee-Spanish Interactions in the Middle Nolichucky Valley, Tennessee, Revealed by Geophysics and Targeted Excavations
- 241-b Elijah J. Hermitt, Kirk French, Carly Hunter, Cayt Holzman and Caitlin Donahue—Where the Devil Don't Stay: The Role of Moonshine Production in the Mountains of North Carolina
- 241-c Carly Hunter—The Last Ones Out: The Impacts of the National Park Service on the Inhabitants of Cataloochee Valley, NC
- 241-d Richard Jefferies and Christopher Moore—Baubles, Bangles and Beads: The Role of Personal Adornments in a 17th Century Spanish Mission Period Community
- 241-e Kataryna Flowers—Inequality and Consumption Patterns in the North Carolina Piedmont
- 241-f Michelle Carpenter—Indications of Faunal Starvation in Jamestown Colony
- 241-g Brittany Hundman and Jay Franklin—Crocks and Canning: Economics of Homesteading on Boone Lake
- 241-h C. Broughton Anderson, Annie He, Bianca Godden, Samantha Sise and Alicia Crocker—A Study of George White through Flight and Light
- 241-i Elizabeth Sawyer, Katelyn Coughlan and Crystal Ptacek—Identifying Source Deposits in Monticello's South Pavilion
- 241-j LuAnn Wandsnider—Heritage Enhances Resilience?: The Solomon Butcher History Project of Custer County, Nebraska
- 241-k Lila Jones and Eileen Johnson—3D Geometric Morphometrics Applied in the Identification of *Canis* spp. Specimen from a Historic Site in Western Texas
- 241-l Carlton Gover—An Archaeological Perspective on Oral Traditions, Regarding Migration, of the Northern Caddoan Speaking Tribes

**[242] POSTER SESSION ■ TRADE & EXCHANGE II****Room:** Exhibit Hall B South**Time:** 8:00 AM–10:00 AM**Participants:**

- 242-a Abigail Varlan and Olivia Navaro-Farr—Trade Winds: A Study of Roman Ceramic Trade in the Balearic Islands
- 242-b Amanda Dobrov—Roman Amphoras of North Africa: Markers of a Pan-Mediterranean Economy
- 242-c Helina Woldekiros—Human and Animal Foodways on the Afar Salt Route, North Ethiopia
- 242-d Jay Stephens and David Killick—Assessing the Suitability of Southern Africa for Archaeological Provenance Studies with Lead Isotopes
- 242-e Dean Blumenfeld—Lithic Economy of Epiclassic Los Mogotes
- 242-f Paris Franklin, Mitchell E. McElwain, Bradford W. Andrews, Amanda K. Taylor and Dennis Lewarch —An Analysis of Obsidian Consumption in the Postclassic Coatlan del Rio Valley

Saturday Morning, April 14**[243] SYMPOSIUM ■ BELIZE CAMP 2017: EXCAVATIONS, ANALYSIS, AND INSIGHTS FOR THE COLHA ARCHAIC MAYA PROJECT****Room:** Park Tower Suite 8216**Time:** 8:00 AM–10:00 AM**Chairs:** Fred Valdez and Luisa Aebersold**Participants:**

- 8:00 Palma Buttles and Fred Valdez—Colha, Northern Belize: A History and Record of Research
- 8:15 David Burns, Luisa Aebersold, Fred Valdez, Samantha Krause and Anastasia Kotsoglou—Excavations at Two New Operations at Colha
- 8:30 Lauren Sullivan, David Hyde, Robin Robertson, Palma Buttles and Fred Valdez—Material Culture and Chronology at Colha, Belize: Recent Findings and Future Directions
- 8:45 Annie Riegert and Lucy Gill—Mortuary Landscapes and Placemaking through Veneration at the Maya Site of Colha
- 9:00 Sharon Hankins and Megan Skillern— Experimental Ceramic Technology: Colha, Belize
- 9:15 Anastasia Kotsoglou, Samantha Krause, Luisa Aebersold, Fred Valdez and Timothy Beach —Soils, Sedimentary Rocks, and Scale: Recent Geoarchaeological Investigations at Colha, Northern Belize
- 9:30 Luisa Aebersold, Fred Valdez and Brittany Mitchell—Seeds that Germinate: Models, Paleobotanical, and Archaeological Evidence for Colha's Early Inhabitants
- 9:45 Fred Valdez—Discussant

**[244] SYMPOSIUM ■ INVESTIGATIONS INTO SUBMERGED PREHISTORY: METHODOLOGICAL APPROACHES, RECENT ENDEAVORS, AND NEW RESULTS****Room:** Delaware A**Time:** 8:00 AM–10:00 AM**Chairs:** Morgan Smith, Neil Puckett and Jessica Cook Hale**Participants:**

- 8:00 Jessica Cook Hale and Ervan Garrison—Remnant Landscapes, Taphonomic Challenges and Middle Range Theory in Submerged Prehistoric Archaeology
- 8:15 Adam Burke—Reevaluating Florida's Chert Quarry Clusters: An Update on Sampling Strategies, Methodological Approaches, and New Results from Northwest Florida
- 8:30 Morgan Smith—Stuck in the Middle: A Technological Organization Study on an Underwater Paleoindian Assemblage
- 8:45 Neil Puckett—Revealing the Drowned Past: New Evidence for Buried Underwater Landforms in Walker Lake, NV
- 9:00 Ashley Lemke—Anthropology Underwater: Landscape Archaeology above and below Water in the Great Lakes
- 9:15 Shawn Joy—The Trouble with the Curve: Reassessing the Gulf of Mexico Sea-Level Rise Model
- 9:30 Jessi Halligan and Michael Waters—Terminal Pleistocene Climate Change and Shifting Paleoindian Landscapes in North Florida
- 9:45 John O'Shea—Discussant

Saturday Morning, April 14**[245] SYMPOSIUM ■ ON THE SHOULDERS OF GIANTS: LONG-TERM COLLABORATIVE RESEARCH PROJECTS IN THE CARPATHIAN BASIN****Room:** Lincoln 2**Time:** 8:00 AM–10:00 AM**Chairs:** William Parkinson, Attila Gyucha and Richard Yerkes**Participants:**

- 8:00 Attila Gyucha, William Parkinson and Richard Yerkes—Blending Traditions: A History of Collaborative Prehistoric Research in the Carpathian Basin
- 8:15 William Parkinson, Attila Gyucha and Richard Yerkes—The Körös Regional Archaeological Project, 20 Years of (Mostly Successful) Collaboration
- 8:30 Danielle Riebe and János Dani—A Dynamic Past: The Prehistoric Interactions on the Plain Project
- 8:45 Bryan Hanks and Miroslav Kocic—Reassessing Neolithic Settlement Patterning in Central Serbia through Geophysical and Geochemical Survey
- 9:00 Timothy Parsons—Reinventing the Wheel: Discovering the Late Copper Age in Hungary, Again
- 9:15 Timothy Earle, Magdolna Vicze, Kristian Kristiansen and Marie Louise Sørensen—Százalombatta Archaeological Expedition (SAX). Hungary: A 20-year History of Theories, Methods, and Results of an International Project in Central Hungary
- 9:30 Györgyi Parditka, Paul R. Duffy, Julia I. Giblin and László Paja—Peeling Back the ‘Overburden’: Collaborative Projects Studying Middle Bronze Age Societies in the Körös-Region, Southeast Hungary
- 9:45 Questions and Answers

**[246] LIGHTNING ROUNDS ■ GEOCHEMISTRY AND IDENTITY****Room:** Lincoln 3**Time:** 8:00 AM–10:00 AM**Moderators:** Camilla Sturm and Rory Walsh**Participants:**

- Camilla Sturm—Discussant
- Rory Walsh—Discussant
- Pamela Vandiver—Discussant
- Jeffrey R. Ferguson—Discussant
- Alison K. Carter—Discussant
- Callan Ross-Sheppard—Discussant
- Ronald L. Bishop—Discussant
- Heather Walder—Discussant
- John Alden—Discussant
- Andrew Womack—Discussant
- Margaret Beck—Discussant
- Kostalena Michelaki—Discussant
- Dean Arnold—Discussant

**[247] SYMPOSIUM ■ THE CLIMATE REALITIES OF CULTURAL HERITAGE AND ARCHAEOLOGY****Room:** Johnson**Time:** 8:00 AM–10:15 AM**Chairs:** Marcy Rockman, Carrie Hritz and Peter Biehl**Participants:**

- 8:00 Marcy Rockman and Andrew Potts—Status Update on Archaeology in Relation to the Climate Change Movement

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- 8:15 Pei-Lin Yu and Marcy Rockman—The State of the Art in Stating Risk: Assessment of Climate Vulnerability Assessments for National Park Service Archaeology and Cultural Heritage Resources
- 8:30 Carrie Hritz, Marcy Rockman, Robert Winthrop and Torben Rick—Archaeology as Actionable Science on Climate Change: Lessons from Interdisciplinary Collaboration
- 8:45 Scott Ingram—Engaging the Past for a Warming World
- 9:00 LouAnn Wurst and Stephen Mrozowski—Historical Archaeology of Capitalism and Climate Change
- 9:15 Keith Kintigh and Jeffrey Altschul—Convergence Research and the Coalition for Archaeological Synthesis
- 9:30 Arlene Fleming—Challenges for Archaeologists: A Changing Climate Is Only One Development
- 9:45 Margo Schwadron—Engaging Community in Climate Change, Heritage Resource Management and Citizen Science: Examples from Florida's National Parks
- 10:00 Anne Jensen—Discussant

**[248] SYMPOSIUM ■ LOOKING DOWN ON MESOAMERICA: APPLYING GEOPHYSICAL PROSPECTION, UAV MAPPING, AND LIDAR TO THE ARCHAEOLOGICAL RECORD**  
**Room:** Washington Room 6  
**Time:** 8:00 AM–10:15 AM  
**Chair:** Marc Levine

**Participants:**

- 8:00 Marc Levine, Alex E. Badillo, Scott Hammerstedt, Amanda Regnier and Marcus Winter—Monte Alban's Main Plaza: New Perspectives Gained through Geophysical Prospection and Digital Mapping
- 8:15 Amanda Regnier, Scott Hammerstedt and Marc Levine—Geophysical Prospection of Monte Albán's Main Plaza: An Overview of Results
- 8:30 Scott Hammerstedt, Amanda Regnier and Marc Levine—The Discovery of a New Buried Building on Monte Albán's Main Plaza
- 8:45 Alex E. Badillo and Marc Levine—Mapping from the Heavens: UAV(Drone) Data Collection at Monte Albán, Oaxaca, Mexico
- 9:00 Israel Hinojosa-Balino and Gerardo Gutiérrez—Moving beyond Drone Technology: Comparing and Interpreting Architecture and Power at Chalcatzingo, Cuicuilco, and Teotihuacan through Volumetric Measurements Obtained with Unmanned Aerial Vehicles
- 9:15 Danielle Mercure, Dominique Meyer, Eric Lo, Tanya Anaya and Traci Ardren—Photogrammetric Registration of Excavation and Sacbe Segments at Yaxuna
- 9:30 Omar Alcover, Thomas Garrison and Stephen Houston—Bridging the Gap: Spectral and Structural Analysis of Archaeological Settlement in El Zotz, Guatemala
- 9:45 Jorge Blancas, Lisa Overholtzer, Luis Barba, Agustín Ortiz and Eos Lopez—Archaeological Prospection at Cerro Coyotepetl, Tepeticpac, Tlaxcallan: Preliminary Results from the 2017 Field Season of the Proyecto de Arqueología Cotidiana de Tepeticpac
- 10:00 Questions and Answers

Saturday Morning, April 14**[249] SYMPOSIUM ■ VARIABILITY THAT LIVES: ECOLOGICAL, POLITICAL AND SOCIAL ADAPTATIONS TO DIFFERENT ENVIRONMENTAL ZONES OF SOUTH AMERICA****Room:** Hoover**Time:** 8:00 AM–10:30 AM**Chairs:** Sadie Weber and Solsiré Cusicanqui**Participants:**

- 8:00 Fernando Franchetti, Miguel Giardina, Loukas Barton and Clara Otaola—Hunter-Gatherer Adaptation in the Deserts of Northern Patagonia
- 8:15 Sadie Weber—Pulling Abundance out of Thin Air: The Role of Pastoralism in 1000 BC Peru
- 8:30 Solsiré Cusicanqui—Cajamarca: Identity through Movement
- 8:45 Rachel Johnson—Animism and Agency in the Amazonian Landscape: A Consideration of the Ontological Turn Utilizing Perspectives from Modern Runa Communities
- 9:00 Corey Herrmann and Nicholas Brown—The Thorny Problem of *Spondylus* Sourcing in the Ancient Andes
- 9:15 Augusto Bazan Perez—Assessing Chronology, Spatial Setting, and Architectural Planning at Pampa de Llamas-Moxeke, Casma Valley
- 9:30 Jose Canziani—Habitat la diversidad: la transformación del paisaje y la construcción del territorio en el antiguo Perú
- 9:45 Richard Sutter—Variability among the Dead: Population Structure and Inferred Cultural Adaptations to the Changing Environmental and Sociopolitical Landscapes during the Late Moche (AD 650–800) Era in the Jequetepeque Valley, Peru
- 10:00 Francisca Santana Sagredo, Petrus le Roux, Rick Schulting, Julia Lee-Thorp and Mauricio Uribe—Travelling across the Atacama Desert: New Evidence for Human Mobility in Northern Chile Based on Oxygen and Strontium Isotopes
- 10:15 Karl Zimmerer—Discussant

**[250] SYMPOSIUM ■ NOVEL ANALYTICAL APPROACHES TO ARCHAEOLOGY IN THE FAR NORTH****Room:** Washington Room 1**Time:** 8:00 AM–10:30 AM**Chairs:** Briana Doering and Angela Gore**Participants:**

- 8:00 Charles Holmes—Discussant
- 8:15 Brooks Lawler—Clarifying Perceptions of Rock: Prehistoric Use of Common Toolstone in Tangle Lakes, Alaska
- 8:30 Caitlin Holloway—Hearth Features in High-Latitude Environments
- 8:45 Questions and Answers
- 9:00 Anna Antoniou and Earl Davis—Collaborative Archaeology in Willapa Bay, Washington: Supporting Communities through Scientific Research
- 9:15 Dougless Skinner, Paul Williams Sr., Holly McKinney and Michael Koskey—White Eye Traditional Knowledge Camp: Exploring Prehistoric Subsistence Behavior through Gwich'in Traditional Ways of Knowing
- 9:30 Hilary Hilmer—Subsistence Practices at Healy Lake Village Site
- 9:45 Joshua Lynch—Assessing Variability in Toolkit Functionality: Differential Wear Patterns on Projectile Technologies from Late Pleistocene/Early Holocene Interior Alaska
- 10:00 Angela Gore—The Lithic Landscape of the Nenana Valley: Investigating Land-Use and Toolstone Procurement Activities in Interior Alaska
- 10:15 Owen Mason—Discussant

Saturday Morning, April 14**[251] SYMPOSIUM ■ ARCHAEOLOGY IN AND AROUND THE NATION'S CAPITAL****Room:** Wilson A**Time:** 8:00 AM–10:45 AM**Chair:** Emily Swain**Participants:**

- 8:00 Megan Veness—Rocks and a Box: Data Recovery of a Rural Domestic Complex
- 8:15 Christopher Sperling—A Twitch or a Wink: A Search for Meaning in Coins, Cuffs, and Pottery from a Rural Virginia Assemblage
- 8:30 Emily Swain—Hidden beneath the Asphalt: Urban Archaeology in Parking Lots
- 8:45 Ruth Troccoli and Josh Silver—A New Frontier: Archaeology and Heritage Management Meet Urban Planning and Creative Placemaking
- 9:00 Jennifer Porter-Lupu—Performing a Queer Aesthetic in Early 20th Century Washington: Preliminary Findings from the Halcyon House Site
- 9:15 Geri Knight-Iske and Emily Swain—A Place to Heal: Archaeology at St. Elizabeths Hospital
- 9:30 Amelia Chisholm—A Cultural Landscape Study of Generals Highway
- 9:45 Anastasia Poulos—In the Face of the Flood: A County's Efforts to Mitigate the Potential for a Massive Loss of Cultural Resources
- 10:00 Ronald Castanzo and Elgin Klugh—The Archaeology of Historic Laurel Cemetery in Baltimore, Maryland
- 10:15 Heather Bouslog—Oakley Cabin: Revisited
- 10:30 Stephen Israel—A Brief History of Archaeology Studies in Maryland with Biographical Sketches of Notable Maryland Archaeologists and Avocational Archaeologists, 1870 to 2018

**[252] SYMPOSIUM ■ MONUMENTALITY AND THE PRECLASSIC MAYA****Room:** Wilson B**Time:** 8:00 AM–10:45 AM**Chairs:** Yuko Shiratori and Justin Bracken**Participants:**

- 8:00 Milan Kovac—Uaxactun as the Preclassic Dominant of Central Peten
- 8:15 Richard Hansen, Edgar Suyuc-Ley, Carlos Morales, Beatriz Balcarcel and Stanley Guenter—The Monumentality of the Preclassic Maya of the Mirador Basin, Guatemala
- 8:30 Kathryn Reese-Taylor, Atasta Flores Esquivel, Nicholas Dunning, Armando Anaya Hernandez and Debra Walker—Monumentality and Horizontality in a Preclassic Cityscape
- 8:45 Jaroslav Zralka and Bernard Hermes—Monumental Architecture of Yaxha and Nakum (Northeastern Guatemala) during the Middle and Late Preclassic Periods
- 9:00 Timothy Pugh—New Data on City Planning at Nixtun-Ch'ich', Petén, Guatemala
- 9:15 Questions and Answers
- 9:30 Francisco Estrada-Belli—Ritual and Political Landscapes of the Preclassic Maya: A View from the Cival Region
- 9:45 Mary Jane Acuña, Carlos Chiriboga, Varinia Matute and Francisco Castañeda—Preclassic Landscape Modifications and Regional Networks at El Tintal, Petén, Guatemala
- 10:00 Justin Bracken—Preclassic Fortified Spaces: Within and Beyond the Ramparts at Muralla de León
- 10:15 Yuko Shiratori and Timothy Pugh—Commemorating the Preclassic Monumental Construction at Tayasal, Guatemala

Saturday Morning, April 14

10:30 Takeshi Inomata—Discussant

**[253] SYMPOSIUM ■ THE CULTURAL AFFILIATION OF THE ANCIENT ONE (KENNEWICK MAN)**

*(Sponsored by SAA Committee on Native American Relations)*

**Room:** Harding

**Time:** 8:00 AM–10:45 AM

**Chair:** Rex Buck

**Participants:**

8:00 Rex Buck—Responsibilities to the Ancient One  
 8:15 Joe Sexton—Reflection on Jelders' Judicial Decision and the Ninth Circuit's Decision in the Bonnichsen Litigation  
 8:30 Angela Neller and Lourdes Henebry-DeLeon—The Best Defense Is a Good Offense: Culturally Affiliating the Ancient One by Following the Law  
 8:45 Velma Valdez, Angela Neller and Lourdes Henebry-DeLeon—Tribal Agency and Federal Hegemony: NAGPRA in Action  
 9:00 Lourdes Henebry-DeLeon—Born and Bred on the Columbia Plateau: The Ancient One in Time and Place  
 9:15 Steven Hackenberger and Lourdes Henebry-DeLeon—Paleoarchaic Cultural Affiliations on the Columbia Plateau  
 9:30 Jacqueline Cook—We know that our people have been part of this land since the beginning of time -- A Cultural Statement for the Ancient One  
 9:45 Teara Farrow Ferman—Partnerships Developed during the Ancient One History and Next Steps to Building Better Partnerships – A Tribal Perspective  
 10:00 Laura Phillips—Repository Reflections: Where's the Humanity?  
 10:30 Questions and Answers

**[254] SYMPOSIUM ■ PLANTS GOT A LOT TO SAY IF YOU TAKE THE TIME TO LISTEN: GARDENS IN THE AMERICAN NEOTROPICS**

**Room:** Wilson C

**Time:** 8:00 AM–11:00 AM

**Chairs:** Maia Dedrick and Andrew Wyatt

**Participants:**

8:00 Andrew Wyatt—In the Garden: Studies in the American Neotropics  
 8:15 Thomas Killion—Gardens, Infields and Outfields: Cultivation Intensity, Neotropical Landscapes and the Evolution of Early Agricultural Systems  
 8:30 Caroline Antonelli—Landscape Modification Seen from Above: Remote Sensing Analysis at Postclassic Mayapan  
 8:45 Lydie Dussol, Louise Purdue, Eva Lemonnier, Dominique Michelet and Philippe Nondédéo—Domesticated Forests? Interpreting Agroforestry Practices from Diachronic Trends in Firewood Collection at the Classic Maya City of Naachtun  
 9:00 Venicia Sloten and David L. Lentz—The Social Dynamics of Ceren's Household Gardens  
 9:15 Christine A. Hastorf—The Flavors Archaeobotany Forgot  
 9:30 Traci Ardren—Household Garden Plant Agency in the Creation of Classic Maya Social Identities  
 9:45 BrieAnna Langlie—Gardening for Victory: War Gardens in the Ancient Andes  
 10:00 Maia Dedrick, Carly Pope and Morgan Russell—Ritual Use of the Rejolladas of Tahcabo, Yucatán  
 10:15 Anna Browne Ribeiro—My Grandfather's Castanhal: Plants, Community, Territory, and Memory in the Brazilian Amazon  
 10:30 Anabel Ford—Discussant

Saturday Morning, April 14

10:45 Scott Fedick—Discussant

**[255] SYMPOSIUM ■ BREAKING DOWN MATERIAL ASSUMPTIONS OF IDENTITY**

**Room:** Washington Room 2

**Time:** 8:00 AM–11:00 AM

**Chairs:** Patrick Johnson and Ashley Atkins Spivey

**Participants:**

- 8:00 Ashley Atkins Spivey—"To leave a part of who you are here:" Reusing and Reimagining the Archaeological Record on the Pamunkey Indian Reservation
- 8:15 Bonnie Newsom and Julie Woods—Motivations of Indigenous New England Potters and Researchers: Technical Choice, Social Context, and Identity Construction
- 8:30 Jon Shellenberger—The Original Cultural Resource Managers of America: Going beyond Integrating Native Perspectives in Cultural Resource Management
- 8:45 Danielle Moretti-Langholtz and Buck Woodard—An Evidence-Based Reinterpretation of the Brafferton Indian School
- 9:00 Jessica Bittner—Paying Homage to the Past: Identity, Memory and Place in the American South
- 9:15 Shawn Lambert—A Provenance and Stylistic Study of Formative Caddo Vessels: Evidence for Specialized Ritual Craft Production and Long-Distance Exchange
- 9:30 Mike Makin—The Materiality of Feasting: Pottery as an Indicator of Ritual Practice in Late Woodland Virginia
- 9:45 Ashley Schubert and Maureen Meyers—Recognizing Variation in Pisgah Identity across Space and Time
- 10:00 Michelle Pigott—It's Not in the Ceramics: 18th Century Apalachee Cultural and Ethnic Identity
- 10:15 Patrick Johnson—Authority via Mobility: Interpreting Yamasee Ceramics
- 10:30 Charles Cobb—Discussant
- 10:45 Questions and Answers

**[256] SYMPOSIUM ■ RESEARCHING THE ANCIENT MAYA OF PACBITUN, BELIZE: A DECADE OF ARCHAEOLOGICAL DISCOVERY**

**Room:** Lincoln 6

**Time:** 8:00 AM–11:15 AM

**Chairs:** Sheldon Skaggs and George J. Micheletti

**Participants:**

- 8:00 Terry Powis, George J. Micheletti, Kaitlin Crow, Sheldon Skaggs and Peter Cherico—Buildings from the Ground Up: Early Maya Architectural and Settlement Practices at the Belize Valley Site of Pacbitun, Belize
- 8:15 Kaitlin Crow and Norbert Stanchly—Preclassic Faunal Utilization at Pacbitun, Belize
- 8:30 George J. Micheletti—Creating a Case for a Classic Period Provincial Polity at Pacbitun, Belize
- 8:45 Nicaela Cartagena, Sheldon Skaggs, Mike Lawrence and Terry Powis—Groundstone Production and Community Development at the Ancient Maya Site of Pacbitun, Belize
- 9:00 Tawny Tibbits—Sourcing Stones: PXRF Use at Pacbitun
- 9:15 Megan Parker and Jon Spenard—Sacred Landscapes, Spaces, and Ritual Offerings as the Materialization of Environmental Narratives at the Site of Pacbitun, Belize

Saturday Morning, April 14

- 9:30 Questions and Answers
- 9:45 Michael Mirro and Jon Spenard—Cataloging Cave Features in the Southern Pacbitun Regional Archaeological Project Using Virtual Reality and 3D Modeling
- 10:00 Kong Cheong, Linda Howie and Terry Powis—If Ocarinas Could Talk: The Biographies of Ceramic Wind Instruments Used in a Late Classic Maya Funerary Ceremony at Pacbitun, Belize
- 10:15 Karen Pierce and Mike Lawrence—Recent Building Excavations in the Triple-Courtyard “Palace” Group at the Ancient Maya Site of Pacbitun, Belize
- 10:30 Sheldon Skaggs and Peter Cherico—Caches, Burials, and Vases, Oh My: Ritual Deposits in an Elite Courtyard at the Ancient Maya Site of Pacbitun, Belize
- 10:45 Adam King, Terry Powis, Jaime Awe, Gyles Iannone and Nilesh Gaikwad—Tripping through the Underworld: Exploring Maya Ritual through Absorbed Residues in the Belize Valley
- 11:00 Arlen Chase—Discussant

**[257] SYMPOSIUM ■ COMPLICATING HISTORIES: ARCHAEOLOGICAL CHALLENGES TO NARRATIVES OF COHESION IN THE INKA AND AZTEC EMPIRES**

**Room:** Lincoln 4

**Time:** 8:00 AM–11:15 AM

**Chairs:** Carla Hernandez Garavito and Keitlyn Alcantara

**Participants:**

- 8:00 Dennis Ogburn—Inca Views of the Native Groups of Southern Ecuador
- 8:15 Lane Fargher and Richard Blanton—Multiethnic Landscapes, Inclusive Identities, and Collective State Building
- 8:30 Amber Anderson—Inka Conquest Narratives along the Northern Frontier: Evidence from the Pais Caranqui, Ecuador
- 8:45 Carla Hernandez Garavito—From there, a great long time ago, even before the Incas were born: Representations of the Inka Empire among the Lurin Yauyos
- 9:00 Keitlyn Alcantara—Conquering Aztecs and Resisting Tlaxcaltecas: The Body as a Site of Creating and Challenging State Narratives
- 9:15 Claudia Nuñez and Sofia Chacaltana Cortez—Vínculos (in)visibles: Relationships of Power in the Colesuyo during the Inca Empire
- 9:30 Ancira Emily Baca Marroquin—Constructing Local Identities in the Central-South Coast. The Coayllos in the Asia Valley
- 9:45 Angela Huster—Being Matlatzinca: Ethnicity and Household Activity at Aztec Calixtlahuaca
- 10:00 Matthew Warren—Inka Colonialism without Inkas: Uncovering the Role of Lowland-Affiliated Populations in the Consolidation of the Eastern Andean Frontier
- 10:15 Kirby Farah—The Nature of Leadership and Community Cohesion at Postclassic Xaltocan, Mexico
- 10:30 Mauricio Uribe—Incas, locales y otras identidades: Dinámicas materiales en el norte de Chile en tiempos del Tawantinsuyo
- 10:45 William Fowler—Discussant
- 11:00 Tom Dillehay—Discussant

**[258] SYMPOSIUM ■ THEORY, METHOD, DATA, AND THE ANTHROPOLOGICAL ARCHAEOLOGY OF MESOAMERICA: PAPERS IN HONOR OF JOSEPH W. BALL**

**Room:** Lincoln 5

**Time:** 8:00 AM–11:45 AM

**Chairs:** Isaac Ullah and Geoffrey Braswell

**Participants:**

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- 8:00 Geoffrey Braswell—Discussant  
 8:15 Stanley Berryman—Joe Ball, Friend and Mentor  
 8:30 Laura Kosakowsky—"Pots, Potters, ...and Politics": Classic Period Ceramic Spheres and Systems at Aventura, Northern Belize, and the Legacy of Joe Ball  
 8:45 David Webster—Becan Reconsidered  
 9:00 Dorie Reents-Budet, Ronald L. Bishop, Joseph Ball and Jennifer Taschek—Las Ruinas de Arenal and the Buenavista del Cayo Polity: Political Dynamics in the Western Belize River Valley  
 9:15 James Brady—Joseph Ball and the Reformulation of the Protoclassic: Revisiting Critical Issues  
 9:30 Debra Walker, Kathryn Reese-Taylor, Meaghan Peuramaki-Brown and Shawn Morton—A Middle Classic Horizon? Tracking Calakmul's Rise in the Ceramics of the Central Karstic Uplands  
 9:45 Travis Stanton—Discussant  
 10:00 Keith Eppich—The Function of Ceramic Analysis in the Maya Lowlands  
 10:15 Robin Robertson—The Terminal Preclassic in Northern Belize Defined  
 10:30 Erin Blankenship-Sefczek and Joseph Ball—Dentition, Kinship, and Status in the Mopan-Macal Triangle: Small-Sample Insights into Classic Maya Social Organization in Central Western Belize  
 10:45 Dominique Rissolo, Jeffrey B. Glover and Travis Stanton—The Rise of Northern Maya Ceramic Chronologies: Emerging Perspectives on Middle to Late Preclassic Processual Dynamics and the Legacy of Joseph W. Ball  
 11:00 Jason Yaeger and M. Kathryn Brown—Archaeology, History, and Ancient Political Dynamics of the Mopan River Valley  
 11:15 Arthur Demarest and Paola Torres—Political and Economic Change on the Eve of the Classic Maya Collapse: Building on a "Ceramic Foundation"  
 11:30 Seth Mallios—Archaeological Ceramic Analysis as a Vehicle for Anthropological Holism at 1607 James Fort: An Essay in Honor of Dr. Joseph W. Ball

**[259] SYMPOSIUM ■ DEEP ECOLOGIES OF NORTHERN NEW MEXICO****Room:** Washington Room 3**Time:** 8:00 AM–11:45 AM**Chairs:** Alison Damick and Emily Dawson**Participants:**

- 8:00 Alison Damick—Deep Ecology: An Introduction and an Inquiry  
 8:15 Benjamin Alberti—Rock Art, Hunting, and Life  
 8:30 Valerie Bondura—Ceramic Ecology as Deep Ecology in Northern New Mexico  
 8:45 Emily Hayflick—Inscribing and Reinscribing Place: The Persistence of Hot Spring Sites in the Northern New Mexico Landscape  
 9:00 Severin Fowles—The Aquatic Imaginary of Ancestral Tiwa Landscapes  
 9:15 Elizabeth Dresser-Kluchman—Scarred Traces: Trees as Artifacts on the Northern Rio Grande  
 9:30 Emily Dawson, Tom Hart and Arlene Rosen—Plant Use and Deep Ecology in Colonial New Mexico  
 9:45 Melanie Cootsona—Animal as Social Actor: A Case Study of a Pre-Colonial Northern Tiwa Structure  
 10:00 Julia Morris and Severin Fowles—The Wolf under the Plaza: Pastoralism and Predation in Spanish New Mexico  
 10:15 Madeleine Strait—Skin and Bones: The Presence and Potential Implications of Dog Skinning in the Pre-Colonial Southwest  
 10:30 Evin Grody and Darryl Wilkinson—Fleeced Landscapes: Colonial Herding Practices in Northern New Mexico  
 10:45 Lindsay Montgomery—The Social Lives of Horses: Comanche Equestrianism in

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- New Mexico  
 11:00 Judith Habicht-Mauche—Discussant  
 11:15 Heather Trigg—Discussant  
 11:30 Questions and Answers

**[260] SYMPOSIUM ■ ADVANCES IN THE PREHISTORY OF SOUTHERN COSTA RICA AND WESTERN PANAMA: NEW PERSPECTIVES ON THE ARCHAEOLOGY OF GREATER CHIRIQUÍ**

**Room:** Washington Room 4

**Time:** 8:00 AM–12:00 PM

**Chairs:** John Hoopes and Francisco Corrales-Ulloa

**Participants:**

- 8:00 Eugenia Ibarra—What Archaeologists Can't See: Contrasting Ethnohistorical and Archaeological Data in Talamanca, Costa Rica in the 16th Century  
 8:15 Anthony Ranere—The Preceramic Occupation of Greater Chiriquí: An Assessment of Our Current Understanding  
 8:30 Norberto Baldi—The Role of Kinship Networks and the Lowland Ecology in the Interpretation of the Caribbean Archaeology of Greater Chiriquí  
 8:45 Alvaro Brizuela Casimir and Gloria Biffano Marcial—El sitio arqueológico de Barrigón. Un cementerio precolombino del Gran Chiriquí  
 9:00 Ilean Isaza and Eric Vrba—The Greater Chiriquí Fringes: A Perspective from the Coiba National Park Islands on the Pacific Coast of Panama  
 9:15 Laura Brodie—Settlement Locations and Soil Fertility in the Volcán Barú Region of Panama  
 9:30 Scott Palumbo—New Survey Results from the Bolas Region, Costa Rica  
 9:45 Amanda Suarez—Pre-Columbian Conflict and Early Social Complexity in Java, Southern Costa Rica  
 10:00 Adrian Badilla—Arquitectura Habitacional: Sistema Constructivo y Organización Espacial en el Sitio Finca 6, Delta del Diquís, Costa Rica  
 10:15 R. Jeffrey Frost—Continuity and Change in Chiriquí Period Village Organization  
 10:30 Thomas Wake, Lana Martin and Tomas Mendizabal—Settlement, Subsistence, Culture Change and Networking: New Perspectives on Bocas del Toro's Integration with Greater Central America  
 10:45 Francisco Corrales-Ulloa—From Coast to Coast: Recent Research in Southern Caribbean and Osa Peninsula, Greater Chiriquí Region  
 11:00 Mario Hernández—Análisis geoespacial de la distribución de sitios arqueológicos en la Sub-Región Diquís, Región Gran Chiriquí  
 11:15 Carlos Fitzgerald-Bernal—El Gran Chiriquí desde Veraguas: dinámicas fronterizas y definición subregional  
 11:30 Nicole Smith-Guzmán—The Bioarchaeology of Greater Chiriquí: Challenges, Finds, and Future Directions  
 11:45 John Hoopes—Discussant

**[261] SYMPOSIUM ■ TOUGH ISSUES IN LAND MANAGEMENT ARCHAEOLOGY**

**Room:** Marriott Salon 3

**Time:** 8:00 AM–12:00 PM

**Chairs:** Byron Loosle and Laura Hronec

**Participants:**

- 8:00 Emily Palus—Severed from the Landscape: Wrangling Over 100 Years of Collections from the Public Lands and Coordinating Repatriation  
 8:15 Robert King—Implementing NAGPRA: A Look at BLM's Experiences in Alaska, 1990–2017

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- 8:30 Gregory Haverstock—Archaeological Resource Protection: Challenges to Federal Enforcement of Antiquity Law among Land Managing Agencies
- 8:45 Diana Barg and Nathan Thomas—Education and Enforcement: How the Bureau of Land Management Is Confronting Looting on Public Lands in Utah
- 9:00 F. Kirk Halford—Getting out of the Box: New Horizons for Cultural Resources Data Management and Analyses
- 9:15 Brian Yaquinto—Using the Past to Inform the Future: Employing Empirical Data to Guide Future Land Management Decisions
- 9:30 Jennifer Frederick, Ray Hewitt and Marilyn Walker Cunningham—Unmanned Aerial Systems in Federal Cultural Resource Management
- 9:45 Questions and Answers
- 10:00 Jamie Palmer—Addressing Today's Issues with Yesterday's Tools
- 10:15 Nicole Lohman—Cultural Resources in an Era of "Energy Dominance": Process and Policy for BLM Oil and Gas Leasing
- 10:30 Martin Stein and Laura Hronec—Tough Love - The Permian Basin Programmatic Agreement Research Program in Southeastern New Mexico
- 10:45 Kelli Barnes—Recognizing Redundant Data: Preventing Perseveration and Saving the Significant
- 11:00 James Barnes, Karen K. Swope, Carrie J. Gregory and Tiffany Arend—Hard Questions for Hardrock Places: Integrating Academic-Based Research Questions into the Management of Hardrock Mining Sites on Public Lands in the Southern California Deserts
- 11:15 Nicholas Pay, C. Cliff Creger and Beth P. Smith—The Long and Winding Road: Documenting Historic Transportation Routes
- 11:30 Byron Loosle and Ranel Capron—Why We Shouldn't Wait until a Project Is Proposed
- 11:45 Questions and Answers

**[262] SYMPOSIUM ■ DEVELOPING MACRO-REGIONAL PERSPECTIVES ON FORMATIVE CENTRAL MEXICO: INSIDE AND OUTSIDE VIEWS OF SOCIAL TRANSFORMATION**

**Room:** Marriott Salon 1

**Time:** 8:00 AM–12:00 PM

**Chairs:** Tatsuya Murakami and Wesley Stoner

**Participants:**

- 8:00 Emily McClung de Tapia and Guillermo Acosta-Ochoa—Early Subsistence and Settlement in the Basin of Mexico: Pre-ceramic and Pre-urban Indicators
- 8:15 Guy Hepp—Coastal-Highland Interaction in Early Formative Period Mesoamerica: The Ceramic Affiliations of La Consentida
- 8:30 Patricia Ochoa Castillo—Dinámica cultural durante el Formativo Inferior y Medio en la Cuenca de México: Tlatilco y Tlapacoya
- 8:45 Catharina Santasilia—Tlatilco Revisited
- 9:00 Wesley Stoner and Deborah Nichols—Production and Exchange of the Earliest Ceramics in Central Mexico
- 9:15 Deborah Nichols and Wesley Stoner—Village to City: Formative Period Political Evolution in Central Mexico
- 9:30 Robert Rosenswig—Discussant
- 9:45 Mari Carmen Serra Puche—La Interacción regional de Xochitecatl-Cacaxtla durante el Formativo en el valle Tlaxcala-Puebla. 800 a.C. - 200 d.C.
- 10:00 Tatsuya Murakami, Shigeru Kabata and Julieta Lopez—Changing Urban Networks in Formative Central Mexico: A View from Tlalancaleca, Puebla
- 10:15 Ariel Taxis, Shigeru Kabata and Tatsuya Murakami—Tlalancaleca: Ceramics and Interregional Interactions in Formative Central Mexico
- 10:30 Julieta Lopez, Shigeru Kabata, Tatsuya Murakami and Manuel Ramirez—

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- Monumental Architecture in Central Mexico during the Terminal Formative: New Findings from the Tlalancaleca Archaeological Project, Puebla
- 10:45 Christopher Pool—Formative Communities of Practice and Disjunctures in Southern Gulf Lowland Interaction with Central Mexico
- 11:00 Véronique Darras and Brigitte Faugère—Sociopolitical and Cultural Renewals during Late and Terminal Formative in the Lerma's Valley: The Post-Chupicuaro Developments
- 11:15 Gabriela Uruñuela, Patricia Plunket and Héctor Aguilar—"La del estribo": The Formative Funerary Goblets from Tetimpa, Puebla, Mexico
- 11:30 Jessica MacLellan—Household Ritual and the Development of Complex Societies in Formative Mesoamerica: Comparing the Maya Lowlands and Central Mexico
- 11:45 Richard Lesure—Discussant

**[263] SYMPOSIUM ■ EXPLORING MOBILITY AND MULTICULTURAL LIFEWAYS IN PRE-COLUMBIAN CENTRAL AMERICA**

**Room:** Marriott Salon 2

**Time:** 8:00 AM–12:00 PM

**Chairs:** Carrie Dennett and Alexander Geurds

**Participants:**

- 8:00 Larry Steinbrenner—"Across the Agua to Managua" and beyond: Getting Past Migration in Nicaraguan Prehistory
- 8:15 Sharisse McCafferty and Geoffrey McCafferty—Praying to the Predator: Symbols of Insect Animism on Luna Polychrome
- 8:30 Geoffrey McCafferty—The Pipil/Nicarao Migration from the Perspective of Pacific Nicaragua: An Archaeological Critique of Mythistorical Mobility
- 8:45 Carrie Dennett—It's Complicated: Making Sense of Material Monoculture in Multicultural Societies
- 9:00 Adam Benfer—The Archaeology of Travel in Greater Nicoya
- 9:15 Lucy Gill—Towards a Nonlinear History of Lake Cocibolca, Nicaragua
- 9:30 Clifford Brown—Nonlinear and Multiscalar Dynamics of Migration
- 9:45 Frederick Lange—Exploring Mobility and Multi-directional Lifeways in Pre-Columbian Central America
- 10:00 Lorelei Platz—Mobility and Pre-Columbian Censers
- 10:15 Kelsey Willis, Destiny Crider and Clifford Brown—Ceramic Evidence of Normal and Anomalous Diffusion from Mesoamerica into Northwest Nicaragua
- 10:30 Laura Wingfield—A Tale of Two Cities: Quelepa, El Salvador and Guayabo de Turrialba, Costa Rica
- 10:45 John Carlson and John Hoopes—Chacmool or Not Chacmool? Was a Mesoamerican Monumental Stone Sculptural Tradition Adopted in Eastern Costa Rica?
- 11:00 Katrina Kosyk—Communities of Engaged Performance: Investigating Soundscapes and the Sonorous Past
- 11:15 Questions and Answers
- 11:30 Geoffrey McCafferty—Discussant
- 11:45 Rosemary Joyce—Discussant

Saturday Morning, April 14**[264] ELECTRONIC SYMPOSIUM ■ FROM CH'EEEN TO WAK'A: HEMISPHERICAL VIEWS OF THE CEREMONIAL LANDSCAPES OF THE PRE-HISPANIC AMERICAS****Room:** Madison B**Time:** 10:00 AM–12:00 PM**Chairs:** Jon Spenard and Jonathan Dubois**Participants:**

Julia Guernsey—Feline Pedestal Sculptures, Cacao, and the Late Formative Landscape of Mesoamerica

Jon Spenard—The Hills Are Filled with Water; the Caves Breathe Rain: An Ideational Landscape Approach to Settlement Distribution at Classic Period Pacbitun, Belize

Scott Smith—Ceremonial Waterscapes: The Desaguadero River Valley in Antiquity

Alexis Mantha—Different Dead for Different Purposes: The Ancestors and Ancestral Spirits of Rapayán in the Peruvian Central Andes

Brent Woodfill—Sacred Places as Battlefields: The Role of the Ritual Landscape in Struggles for Conquest and Resistance in the Northern Transversal

Jonathan Dubois—We Are Kin with the Land: The Role of Rock Art Sites in the Negotiation of Social Relations in the North Central Andes of Peru

Danny Zborover—Alligators, Serpents, Pirates, and a Wedding: Ritualized Political Landscapes of the Oaxacan Pacific Coast, Mexico

**[265] POSTER SESSION ■ CERAMICS AND TEXTILES****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

265-a Alicia Gorman, Laure Dussubieux and Patrick Ryan Williams—Results of a Pilot Study on Wari and Loro Ceramic Pigments from Southern Peru

265-b Elizabeth Cruzado Carranza—The 2017 Excavations at Pan de Azúcar de Nivín: Insight into the Middle Horizon Occupation of the Middle Casma Valley, Peru

265-c Makaela O'Rourke and Scott Thomas—Pottery at Skull Creek Dunes, OR and Its Implications for Pottery Tradition in Southeastern Oregon

265-d Kristin Donner and Laura Harrison—Mix, Mold, Fire! An Exploration of the Chaîne Opératoire through the Eyes of an Apprentice Potter

265-e Natalie Carpiaux, Alicia Boswell, Jessica Walthew and Gabriel Prieto—Burial Garments of a Chimú Child Sacrifice from Pampa La Cruz, Huanchaco, Peru

265-f Nolan O'Hara, Tiffany Raymond, Carl P. Lipo and Hannah Elliott—Thermal Properties of Prehistoric Ceramic Vessels of the American Southeast

265-g India Kotis and Jenna Hurtubise—Deciphering Social Structure: A Cognitive Approach in Examining Casma and Chimú Ceramic Iconography

265-h Kirsten Lopez and Brian Haley—Sourcing Archaeological Textiles in the Northern Great Basin: Evaluation of Baseline Geochemical Data

265-i Kenneth Sutherland and David Chicoine—Volumetric Analysis of Neckless Jars and Bottles in Early Horizon Nepeña, Peru

265-j Blair Heidkamp—Spinning through Time: Comparing Spindle Whorl Assemblages from the Southern Levant

265-k James Davenport—Three-Dimensional Photogrammetric Modeling of Ceramic Whole Vessels from Pachacamac, Peru: Challenges, Considerations, and Applications

265-l Nuria Sugañes and Gustavo Neme—Ceramic Diversity in Hunter-Gatherers Societies from Atuel River Basin, Argentina

265-m Laura Mazow, Heidi Luchsinger and Kristen Rozier—Adapting to Changing Resources: A Petrographic Analysis of Iron I Pottery from Tel Miqne-Ekron

Saturday Morning, April 14**[266] POSTER SESSION ■ MISSISSIPPIAN ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 266-a Adam Coker, Kimberly Swisher, Jennifer Birch, Stefan Brannan and Tiffany Yue—Creating Community at Singer-Moye: Feasting and Craft Production in a Residential Precinct
- 266-b Ryan Harke—The State of the (Conch) Republic: Renewed Archaeology in the Imperiled Florida Keys
- 266-c Erin Donovan and Jeremy Wilson—Who Was Where: Georectification and Radiometric Dating of a Mississippian Mortuary Complex
- 266-d Anna Semon—A Comparison of Late Mississippian Complicated Stamped Designs from the Georgia Coast
- 266-e Thomas Blaber—Pipe Assemblages of St. Catherines Island, GA
- 266-f Aaron Comstock and Robert Cook—Hidden in Plain Sight: Mississippi Plain Pottery as an Indicator of Movement on the Mississippian Periphery
- 266-g S. Andrew Wise—Game On: Ceramic Discoidals from the Lamar Site
- 266-h Erin Benson—Composing the Late Cahokian Countryside: A View from the Rhea Site, St. Clair County, Illinois

**[267] POSTER SESSION ■ THE AMERICAN SOUTHWEST****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 267-a David Abbott, Caitlin Wichlacz and J. Scott Wood—Demarcating Spheres of Interaction in the Uplands of Central Arizona with Electron Microprobe Analyses of Phyllite-Tempered Pottery
- 267-b C. L. Kieffer—Exploring the Use of Multispectral Imaging in Ceramic Pigment Analysis
- 267-c Michael Pool—Is There an Early Agricultural Period in the Uplands Mogollon?: Implications of the Chronology at the HO-Bar Site
- 267-d Katie Richards—A Low Technology Approach to Understanding Fremont Ceramic Production
- 267-e Brenton Willhite—Understanding the Emergence and Spread of Chupadero Black-on-white Ceramics through Network Analysis
- 267-f Kendall Baller—Investigating Social Boundaries in Southwestern New Mexico
- 267-g Caitlin Holland—The Fremont Canyonlands: Granary Architecture in Northwestern Colorado

**[268] POSTER SESSION ■ CULTURAL RESOURCE MANAGEMENT****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 268-a Mini Sharma Ogle—'Powering the Future while Protecting the Past'- Cultural Resource Matters at an Electric Utility
- 268-b Scott Gajewski and Corry Laughlin—Warren Grove Survey and Evaluation Project: A Study of Historic Charcoal Production within the Pine Barrens of New Jersey.
- 268-c Sarah Trabert, Stephen M. Perkins, Richard R. Drass and Susan Vehik—New Investigations of the Deer Creek Site, an Early Eighteenth Century Ancestral Wichita Village

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- 268-d Erin Dempsey, Steven De Vore, Ashley Barnett, Nora Greiman and Anna Dempsey—Looking Closer at Those Dots on the Map: Documenting Mound Sites at St. Croix National Scenic Riverway
- 268-e Atifa Rawan, Jamaludin Shable, M. Hussain Ahmadzai and Jodi Reeves Eyre—The Afghanistan Cultural Heritage Education Program: A Collaborative, International Education Model
- 268-f Chris North and Scott Courtright—Urban Archaeology at the Hohokam Village of Pueblo Grande
- 268-g Michael Heilen, Monica Murrell, Phillip Leckman and Robert Heckman—Exploring the Relationship between Surface and Subsurface Contexts in the Permian Basin, Southeastern New Mexico
- 268-h Daniel Leonard, Kendra Rodgers McGraw and Beniamino Volta—DoD Legacy Data: Leveraging GIS and the Web for Success
- 268-i Tiffany Newman, Elizabeth E. Bell and Seth VanDam—Management of WWI Training Trenches in Light of Current Military Training
- 268-j Dawn Ramsey Ford and Owen Ford—Traditional Cultural Practices in America's Last Frontier: Conceptualizing Traditional Cultural Properties in Alaska
- 268-k Emily Van Alst, Laura Scheiber, Mackenzie Cory, Kirsten Hawley and Cally Steussy—Into the West(ern Plains): Results of the 2017 Bighorn Archaeology Field School, Park and Fremont Counties, Wyoming

**[269] POSTER SESSION ■ ANCESTRAL PUEBLOAN ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 269-a Kellam J. Throgmorton—Early Chacoan Communities of the San Juan Basin
- 269-b Mark Agostini—Technological Knowledge, Migrations and Ancestral Puebloan Communities of Practice in The Northern Rio Grande of New Mexico
- 269-c Braeden Dimitroff and Candice Disque—The Ancestral Puebloan Community of Alkali Ridge: Investigating The "Prudden Unit" Paradigm
- 269-d Lindsay Shepard—Assessing the Effectiveness of Various Scanning Technologies in Digitally Capturing Fingerprints on Corrugated Wares
- 269-e Benjamin Van Alstyne—Developing an Immersive Experience of the Past
- 269-f Christina Stewart—An Analysis of Biscuit Ware Ceramic Standardization in the Lower Chama Watershed, New Mexico
- 269-g Jenny Engleman—An Examination of Food Storage Patterns in the Northern Southwest
- 269-h Hannah Van Vlack, Jamie A. Civitello, Rory P. Gauthier and Robert Powers—Ancestral Pueblo Agriculture on the Pajarito Plateau: A Geoscience Investigation of Field Terraces in the Northern Mountains of New Mexico
- 269-i David Purcell—The Wupatki Petroglyph Project

Saturday Morning, April 14**[270] POSTER SESSION ■ BIOARCHAEOLOGY IN THE ANDES****Room:** Exhibit Hall B South**Time:** 10:30 AM–12:30 PM**Participants:**

- 270-a Ricky Nelson, Valda Black and Danielle Kurin—A Traditional Approach to Analyzing Stunted Femoral Growth in Peruvian Highlands
- 270-b Benjamin Schaefer, Sloan Williams and Nicola Sharratt—Constructing a Colony: Investigating Stress from Endogenous Cortisol in Archaeological Hair from a Lupaqa Colony at Estuquiña
- 270-c Sarah Taylor and Robert H. Tykot—The Dietary Importance of Maize and Aquatic Resources during the Regional Development Period at El Dornajo, Southwest Ecuador
- 270-d Jordi Rivera Prince, Gabriel Prieto and Celeste Gagnon—Disturbing the Ancestors: Interpreting Early Intermediate Period Commingled Remains at La Iglesia, Huanchaco Perú
- 270-e Bridget Bey and Véronique Bélisle— A Look at Local Populations during Wari Expansion: Bioarchaeology and Funerary Contexts at Ak'awillay, Cusco, Peru
- 270-f Margot Serra, Jakob Hanschu, Amandine Flammang and Danielle Kurin —Using Parry Fracture Data to Further Assess Violence in Andahuaylas during the Late Intermediate Period
- 270-g Phil McCheyne, Julia Moss and Danielle Kurin—Cranial Modification and Presence of Wormian Bones in Chanka Crania
- 270-h Brianna Herndon and Sara Becker—Movement in Moquegua: Detecting Differential Activity Types via the Knee in a Tiwanaku Subgroup
- 270-i Emily Smith, Taylor MacDonald and Tiffany A. Tung—Two Individuals, One Urn Burial from La Real, Peru: A Bioarchaeological Investigation of Urn Burial Practices
- 270-j Valda Black, Ricky Nelson, Ivanna Robledo and Danielle Kurin—Non-metric Traits and the Influence of Cranial Modifications: A Case Study from the South-Central Andes
- 270-k Genesis Torres Morales, Celeste Gagnon and Gabriel Prieto—Violence among the Gallinazo: New Insights from Pampa la Cruz, Moche Valley

Saturday Afternoon, April 14**Saturday Afternoon ■ April 14, 2018****[271] SYMPOSIUM ■ FORMATIONS OF BLACKNESS AND LATIN AMERICA***(Sponsored by SAA Afro-Latin American Archaeology Interest Group)***Room:** Johnson**Time:** 1:00 PM–2:15 PM**Chair:** Kathryn Sampeck**Participants:**

- 1:00 Krista Eschbach—Casta, Class, or Race? Social Transformations at the Colonial Port of Veracruz
- 1:15 Brendan Weaver—Diachronic and Spatial Perspectives for Exploring the Ethnogenesis of Afro-Andean Populations in Southern Coastal Peru
- 1:30 Kathryn Sampeck—Barrios de mulatos in the Izalcos Region of Colonial Guatemala
- 1:45 Anthony Andrews—Discussant
- 2:00 Terrance Weik—Discussant

**[272] SYMPOSIUM ■ ARCHAEOLOGY AND INDIGENOUS SCHOLARSHIP IN THE AMERICAS****Room:** Jackson**Time:** 1:00 PM–2:45 PM**Chairs:** Rus Sheptak and Peter Nelson**Participants:**

- 1:00 Rus Sheptak—Engaging Archaeology and Native American and Indigenous Studies
- 1:15 Kristen Bos—Another Indigenous Feminist on Settler Colonialism in Archaeology
- 1:30 Heather Law Pezzarossi—Being 'Post-Indian' in 19th Century New England
- 1:45 Timothy Wilcox—Gobernador Polychrome as a Material Expression of Survivance
- 2:00 Stephen Silliman—Beyond the Holes of Archaeology: Paying Attention to Indigenous Academics, Artists, and Activists
- 2:15 Peter Nelson—Indigenous Refusals of Settler Territoriality: A Case from the Tolay Valley in Central California
- 2:30 Carolyn Smith—Discussant

**[273] SYMPOSIUM ■ HEGEMONIC PROCESSES AND STRATEGIES OF STATE DOMINATION IN THE ANDES: LOCAL/REGIONAL PERSPECTIVES****Room:** Jefferson**Time:** 1:00 PM–2:45 PM**Chairs:** Miguel Aguilar Díaz and Alan Kolata**Participants:**

- 1:00 Patricia Chirinos Ogata—Building Statehood: Wari Architecture and Colonial Strategies in Cajamarca
- 1:15 Geraldine Huertas Sánchez—El caso Huarco y la hegemonía Inca en el valle bajo de Cañete
- 1:30 Mary Louise Stone—Power as Nurture: The Inkas and Their Tiwanaku Ancestors
- 1:45 Manuel Perales—To walk in order to remember... and to dominate: Inca Roads and Hegemonic Processes in Jauja, Central Highlands of Peru
- 2:00 Javier I. Alcalde Gonzales—Mito y rito, en tanto política y gobierno, en la costa de los Andes Centrales durante el Tawantinsuyu
- 2:15 Patricia Netherly—Why the Chimú State of the Northern Coast of Peru Failed: Rapid Expansion Is Not Always Enough

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2:30 Alan Kolata—Discussant

**[274] SYMPOSIUM ■ SILK PURSES FROM SOWS' EARS: A SESSION IN HONOR OF JOHN R. WHITE**

**Room:** Madison B

**Time:** 1:00 PM–2:45 PM

**Chair:** Paul Nick Kardulias

**Participants:**

- 1:00 Chuck Mastran—Excavations at the Springfield Furnace, Mercer Co., PA, and the Euro-British Charcoal Iron Technological Tradition in America
- 1:15 David Parker—Beer, Bologna, and Beaux-Esprits: A Legacy of John R. White
- 1:30 Paul Nick Kardulias, James Torpy, Drosos Kardulias and Alina Karapandzich—Multi-faceted Anthropology: Recent Work of the Athienou Archaeological Project in Central Cyprus
- 1:45 Joe Alessi—John White's Playboy Black vs. Playboy White, Part 2
- 2:00 Matt O'Mansky—Local Legacy, Local Legend: John White, Youngstown State University, and Fifty Years of Public Archaeology
- 2:15 John G. Jones—Early Settlement on the Island of Grenada: Ecological Evidence for the Extinction of Rodents and Palms
- 2:30 J. M. Adovasio—Discussant

**[275] ELECTRONIC SYMPOSIUM ■ SPANISH COLONIALISM IN THE GLOBAL REALM: ARCHAEOLOGICAL AND ETHNOHISTORIC APPROACHES TO CULTURAL ETHNOGENESIS AND PERSISTENCE**

**Room:** Lincoln 6

**Time:** 1:00 PM–3:00 PM

**Chairs:** Christine Beaulé and John Douglass

**Participants:**

- Christine Beaulé—Ethnogenesis and Cultural Persistence in the Global Spanish Empire
- Matt Liebmann—Second Thoughts on First Contacts in the American Southwest
- Steve Tomka—From "Nation" to "Indio" and "Español": Transitions in Indigenous Culture in the Missions of San Antonio
- Christopher Rodning—Native American Responses to Spanish Contact and Colonialism in the American South
- Elliot Blair—The Individual and the Group at 17th Century Mission Santa Catalina de Guale
- Corinne L. Hofman—Colonization, Transformation and Continuities in the Indigenous Caribbean
- Laura Matthew—Yet Another Tale of Two Cities: Santiago en Almolonga and San Salvador in the Early Sixteenth Century
- Stacie King—Cultural Pluralism and Persistence in the Colonial Sierra Sur of Oaxaca, Mexico: Three Case Studies
- Kevin Lane—When the Saints Come Marching In: Colony, Church and Change in the Andes (1480–1615)
- Juliet Wiersema—Far from the Crown: Currents of Opportunism along the Dagua River during the Late Spanish Colonial Period (Nueva Granada)
- Martin Gibbs—The People of Solomon: Performance in Cross-Cultural Contacts between Spanish and Melanesians in the SW Pacific 1568–1606
- Natalia Moragas—Archaeology of Colonialism and Ethnogenesis in Guam and the Mariana Islands
- Stephen Acabado—Rice, Rituals, and Identity: Resistance and Maintenance of Ifugao Agricultural Practice

Saturday Afternoon, April 14

Grace Barretto-Tesoro—Placemaking through Objects: The Global World in 19th Century Towns in the Philippines  
 Jorge De Juan Ares—Archaeology, People and Identity in Cape Verde Islands  
 Christopher DeCorse—Contact, Colonialism, and the Intricacies of Ethnogenesis: Portugal, Spain and the Iberian Moment

**[276] FORUM ■ KEEPING OUR SECRETS: SHARING AND PROTECTING SENSITIVE RESOURCE INFORMATION IN THE ERA OF OPEN DATA**

**Room:** Park Tower Suite 8206

**Time:** 1:00 PM–3:00 PM

**Moderators:** Anne Vawser and David Gadsby

**Participants:**

Stephen Yerka—Discussant  
 Jolene Smith—Discussant  
 Amanda Renner—Discussant  
 Stephanie Stephens—Discussant

**[277] FORUM ■ SANNA: SOCIAL ARCHAEOLOGY OF THE NORTH AND NORTH ATLANTIC**

**Room:** Wilson C

**Time:** 1:00 PM–3:00 PM

**Moderators:** Kevin Smith, Michele Smith and Elie Pinta

**Participants:**

Sven Haakanson—Discussant  
 Erica Hill—Discussant  
 Christian K. Madsen—Discussant  
 Dawn Elise Mooney—Discussant  
 Matthew Walls—Discussant  
 Christopher Wolff—Discussant

**[278] FORUM ■ COMMEMORATION, MEMORIALS, AND PRESERVATION: ARCHAEOLOGICAL INTERESTS, EXPERTISE, AND RESPONSIBILITIES**

**Room:** Park Tower Suite 8222

**Time:** 1:00 PM–3:00 PM

**Moderators:** Rosemary Joyce, Diane Wallman and Julia Hendon

**Participants:**

Julia Hendon—Discussant  
 Whitney Battle-Baptiste—Discussant  
 Laurie Wilkie—Discussant  
 Uzma Rizvi—Discussant  
 Leland Ferguson—Discussant  
 Lindsay Bloch—Discussant  
 Diane Wallman—Discussant

Saturday Afternoon, April 14**[279] FORUM ■ SKOPE: HOW WE ARE MAKING PALEOENVIRONMENTAL DATA USEFUL AND ACCESSIBLE****Room:** Taft**Time:** 1:00 PM–3:00 PM**Moderator:** Keith Kintigh**Participants:**

Tim A. Kohler—Discussant

Kyle Bocinsky—Discussant

Bertram Ludaescher—Discussant

Andrew Gillreath-Brown, RPA—Discussant

Jeff Terstriep—Discussant

**[280] FORUM ■ IN THE EYES OF THE LAW: CONTEXTUALIZING ARCHAEOLOGICAL LEGISLATION THROUGH TIME AND SPACE***(Sponsored by SAA Government Affairs Committee and the History of Archaeology Interest Group)***Room:** Washington Room 5**Time:** 1:00 PM–3:00 PM**Moderator:** Katie V. Kirakosian**Participants:**

Francis McManamon—Discussant

Bernard Means—Discussant

Julie Ernststein—Discussant

Steven LeBlanc—Discussant

William Billeck—Discussant

Angela Neller—Discussant

Patrick Lyons—Discussant

Kurt E. Dongoske—Discussant

Morag Kersel—Discussant

Jeffrey Altschul—Discussant

Marion Werkheiser—Discussant

**[281] FORUM ■ EXPLORING THE PATH FORWARD: THE BOY SCOUT ARCHAEOLOGY MERIT BADGE 20 YEARS LATER***(Sponsored by SAA Public Archaeology Interest Group)***Room:** Harding**Time:** 1:00 PM–3:00 PM**Moderator:** Kristin Keckler-Alexander**Participants:**

Jeanne Moe—Discussant

John Mullin—Discussant

Charmaine Thompson—Discussant

Rita Elliott—Discussant

Saturday Afternoon, April 14**[282] SYMPOSIUM ■ US AND THEM: THE BIOARCHAEOLOGY OF BELONGING AND EXCLUSION****Room:** Park Tower Suite 8216**Time:** 1:00 PM–3:00 PM**Chairs:** Katharine Kolpan and Sarah E. Hoffman**Participants:**

- 1:00 Sofía Pacheco-Forés and María García Velasco—Mobility, Ethnicity, and Ritual Violence in the Epiclassic Basin of Mexico
- 1:15 Kent Johnson—Regional Solidarity, Ethnic Diversity, and Family Networks: The Bioarchaeology of Belonging and Exclusion in the Tiwanaku Colonial Enclave in the Moquegua Valley, Peru
- 1:30 Ellen Lofaro, George Kamenov, Jorge Luis Soto Maguino and John Krigbaum—Belonging and Exclusion in Early Colonial Huamanga (Ayacucho), Peru: An Isotopic, Religious and Archival View
- 1:45 Katharine Kolpan—The Dread of Something after Death: Ownership, Excavation and Identification of World War II Axis Combatants in Europe
- 2:00 Sarah E. Hoffman—No Man Is an Island: Death and Burial on the Island of Haffjarðarey
- 2:15 Lucia Elgerud, Hugh Tuller and Wilfred Komakech—Displacement and Burials in Wartime Acholiland; Archaeological Surveying and Ethnographic Research in Northern Uganda
- 2:30 Gina Palefsky, Thanik Lertcharnrit and Kelly J. Knudson—Iron Age Trade and Mobility: Assessing Migration at the Site of Ban Pong Manao, Central Thailand
- 2:45 Questions and Answers

**[283] SYMPOSIUM ■ THE HUMAN JOURNEY: UNDERSTANDING HUMAN MIGRATION IN THE PAST TO ADDRESS CHALLENGES FOR THE FUTURE***(Sponsored by National Geographic Society)***Room:** Delaware B**Time:** 1:00 PM–3:00 PM**Chair:** Matthew Piscitelli**Participants:**

- 1:00 Amy Gusick—Lessons from the Past: The Grand Human Journey to the New World
- 1:15 Charles Cobb, Brad Lieb and Tony Boudreaux—Ancestral Chickasaw Migration and the Makings of the Anthropocene in Southeastern North America
- 1:30 Marta Alfonso-Durruty, Miguel Vilar, Manuel J. San Román and Flavia Morello Repetto—mtDNA and the Peopling of Fuego Patagonia
- 1:45 Jago Cooper and Alice Samson—A Hundred Years of Human Migration in the Caribbean: Considering the Key Tipping Points of Cultural Transformation between AD1492 and AD1592
- 2:00 Joy McCorrison, Mark Moritz, Ian Hamilton, Sarah Ivory and Konstantin Pustovoytov—Pastoral Territoriality as a Dynamic Coupled Human-Natural System
- 2:15 Michael Frachetti—Mobility and Migration as Ecological Processes in Ancient Eurasia
- 2:30 Chip Wills—Settlement Re-occupation at Chaco Canyon: Evidence for Migration and Serial Plurality
- 2:45 Briana Doering—Exploring the Cause of the Athabaskan Migration through Isotopic and Geospatial Evidence

Saturday Afternoon, April 14**[284] SYMPOSIUM ■ EARLY NEOLITHIC IN THE LOWER YANGTZE: THE SHANGSHAN CULTURE****Room:** Park Tower Suite 8212**Time:** 1:00 PM–3:15 PM**Chair:** Gary Crawford**Participants:**

- 1:00 Gary Crawford and Leping Jiang—The Shangshan Culture and Agricultural Origins
- 1:15 Leping Jiang—The Sites and Dating of the Shangshan Culture
- 1:30 Anna Marie Soleski, Yiting Xu, Joseph R. Desloges and Zhou Lin—Holocene Floodplain Development of Qujiang, Zhejiang, China in the Context of Early Human Occupation of Jinhua Basin
- 1:45 Daniel Kwan and David Smith—An Overview of Technological Changes in the Pottery of the Early Holocene Shangshan Culture, Zhejiang Province, China
- 2:00 Guoping Sun—The Source of the Hemudu Culture and Environmental Change during the Early-Middle Holocene: New Evidence from the Jingtoushan Site, Yuyao, East China
- 2:15 Yunfei Zheng and Haibin Gu—Archaeological Evidence of Multiple Domestication of Rice
- 2:30 Haibin Gu—The Character of Carbonized Rice in Hunan Archaeological Site
- 2:45 Jiajing Wang—Making Plant Foods in the Early Neolithic: Microbotanical Evidence from Shangshan Pottery
- 3:00 Yan Pan—A New Hypothetical Framework of Understanding the Evolution of Agriculture in the Lower Yangzi Region

**[285] SYMPOSIUM ■ MESOAMERICAN CHIPPED STONE: A REGIONAL PERSPECTIVE FROM THE GULF COAST OF MEXICO****Room:** Washington Room 6**Time:** 1:00 PM–3:30 PM**Chairs:** Nathan Wilson and Shayna Lindquist**Participants:**

- 1:00 Magdalena Aguilar and Hirokazu Kotegawa—La lítica tallada de Estero Rabón. Un estudio durante la Fase Villa Alta en la Costa del Golfo
- 1:15 Yamile Lira-Lopez—Aprovechamiento de la obsidiana por la población prehispánica del valle de Maltrata, Veracruz
- 1:30 Gabriela Montero, Nathan Wilson and Lourdes Budar—Obsidian Exploitation and Access in the Eastern Sierra de los Tuxtlas, Veracruz, Mexico
- 1:45 Alanna Ossa—The Organization of Obsidian Exchange at Postclassic Sauce and Its Hinterland in Veracruz, Mexico
- 2:00 Alejandro Pastrana, Annick J. E. Daneels and Silvia Domínguez—Obsidian Processing and Distribution in Classic Period Lower Cotaxtla Basin, Veracruz, México
- 2:15 Luz Stephanie Rivera, Gianfranco Ciassiano, Ana María Álvarez and David Gárate—Huayacocotla's Early Holocene and Middle Archaic Human Occupations
- 2:30 Marcie Venter, Sean Carr and Shayna Lindquist—A Comparison of XRF and Visual Sourcing Methods in the Identification of Guadalupe Victoria Obsidian at Matacanela, Sierra de los Tuxtlas
- 2:45 Carl Wendt, Edgar Huerta, Hector Neff and Michael D. Glascock—Source Analysis of Obsidian from the Late Olmec Site of Los Soldados
- 3:00 Nathan Wilson—Obsidian Importation and Use at Teotepec, Veracruz, Mexico: Situating Site-Level Lithic Activities within a Regional Context
- 3:15 Charles Knight—Discussant

Saturday Afternoon, April 14**[286] SYMPOSIUM ■ IS DIGITAL ALWAYS BETTER?**

*(Sponsored by North American Chapter Computer Applications and Quantitative Methods in Archaeology [CAA-NA])*

**Room:** Wilson A

**Time:** 1:00 PM–3:30 PM

**Chairs:** Heather Richards-Rissetto, Katie Simon and Lisa Fischer

**Participants:**

- 1:00 Lisa Fischer and Mary Anna Hartley—The Search for Jamestown's 1617 Church: How Digital Technologies are Providing New Insights into an Old Site
- 1:15 Sarah Lowry, Shawn Patch and Lynne Sullivan—The Works Progress Administration, Tennessee Valley Authority, and Geophysics: Bringing Together Digital Geophysical Data and Historic Excavation Results for Comprehensive Data Sets
- 1:30 Forrest Follett, Adam Barnes, Katie Simon and Carla Klehm—Toward an Automated Model for Archaeological Site Detection in Eastern Botswana, a Clustering Method
- 1:45 Katie Simon, J. Cameron Monroe, Christine Markussen and Clayton Sexton—Illuminating Haiti's Royal Past: Advancing Analytics through 3D Data Fusion of Terrestrial Surface Models and Subsurface Geophysical Data
- 2:00 Mark Freeman and Jeanne Moe—Project Archaeology: Assessing Paper and Digital Approaches to Online Learning
- 2:15 Elizabeth Bollwerk, Lynsey Bates, Leslie Cooper and Jillian Galle—What to Do with All Those Digital Data: Examples from the Digital Archaeological Archive of Comparative Slavery (DAACS)
- 2:30 Jennie Sturm—Making Quality Interpretations in the Ever-Expanding World of Digital Data
- 2:45 Willeke Wendrich—Discussant
- 3:00 Questions and Answers
- 3:15 Christine Markussen—Discussant

**[287] SYMPOSIUM ■ POTTERY IN PRACTICE: THE PRODUCTION AND USE OF CERAMICS IN THE ANCIENT SOUTHWEST**

**Room:** Wilson B

**Time:** 1:00 PM–3:30 PM

**Chairs:** Katherine Dungan, Sarah Oas and Caitlin Wichlacz

**Participants:**

- 1:00 Katherine Dungan, Matt Peeples, Caitlin Wichlacz and Jeffery Clark—Secret Identities and X-Ray Vision: Applying CT-Scanning to Roosevelt Red Ware Formation Techniques in the Tonto Basin
- 1:15 Scott Van Keuren—How Long Did It Take to Paint Ancestral Pueblo Pottery?
- 1:30 Caitlin Wichlacz—An Efficient and Reliable Mechanism: The Human Experience of Hohokam Ceramic Exchange during the Middle Sacaton Period (A.D. 1000–1070)
- 1:45 Robert Bischoff—An Examination of the Role of San Juan Red Ware Vessels in Social Interaction
- 2:00 Sarah Oas—Feeding and Consuming: Ceramic Vessels and Cibola Foodways
- 2:15 Kathryn Putsavage—Complicating the Religious/Secular Dichotomy through Object Biographies: An Investigation of Mesa Verde Style Mugs
- 2:30 Tanya Chiykowski-Rathke—Deposition in Death and Domestic Contexts at Cerro de Trincheras, Sonora Mexico
- 2:45 Deborah Huntley and Suzanne Eckert—The Reshaped Sherd: A Comparative Study of Ancestral Pueblo Worked Sherd Assemblages

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- 3:00 Jan Athenstädt, Lewis Borck, Leslie Aragon, Corinne L. Hofman and Ulrik Brandes—Plain Ware and Polychrome: Quantifying Perceptual Differences in Ceramic Classification
- 3:15 Questions and Answers

**[288] SYMPOSIUM ■ FROM EARLY FORMATIVE TO POSTCLASSIC IN THE MIXTECA OF OAXACA: THE FORMATIVE ETLATONGO PROJECT, 2015–17**

**Room:** Delaware A

**Time:** 1:00 PM–3:30 PM

**Chair:** Jeffrey Blomster

**Participants:**

- 1:00 Jeffrey Blomster and Victor Salazar—Public Space, Sacred Place: Early Monumental Architecture and Corporate Identity in the Mixteca Alta, Oaxaca
- 1:15 Victor Emmanuel Salazar Chavez, Cuauhtemoc Vidal-Guzman and Jeffrey Blomster—The Materiality and Creation of Constructed Space at Etlatongo, Oaxaca, Mexico
- 1:30 Richard E. Terry, Jeffrey Blomster and Daniel A. Bair—Geochemical Analysis of the Soils and Floors of Ancient Activity Areas at the Site of Etlatongo, Oaxaca, Mexico
- 1:45 Diogo Oliveira, Jeffrey Blomster and Michael D. Glascock —Importation, Distribution, and Crafting of Obsidian at Formative Etlatongo
- 2:00 Sarah Breault—Ceramics and Community: A Yucuita Phase Ceramic Cache at Etlatongo
- 2:15 Karleen Ronsairo—A Preliminary Analysis of Early Ramos Phase Ceramics from the Mixteca Alta, Oaxaca, Mexico
- 2:30 Ricardo Higelin Ponce de León, Alicia Gonzales and Jeffrey Blomster—Skeletal Health and the Impact of Agriculture within the Mixtec Population from Etlatongo, Mixteca Alta, Oaxaca during the Middle Formative
- 2:45 Alba López López and Ricardo Higelin Ponce de León—Funerary Architecture in Public Space: The Case of Burial 10 at Etlatongo, Mixteca Alta, Oaxaca
- 3:00 Alexis Clark—Designing Influence: Aesthetic Choices and Group Identity in Decorated Ceramics of Late Postclassic Etlatongo, Oaxaca, Mexico
- 3:15 Marcus Winter—Discussant

**[289] SYMPOSIUM ■ NOW THAT I HAVE MY DEGREE, WHAT DO I DO? GOING FROM THE CLASSROOM TO THE PROFESSION**

**Room:** Hoover

**Time:** 1:00 PM–3:30 PM

**Chair:** Kimball Banks

**Participants:**

- 1:00 Nathan Boyless—Discussant
- 1:15 Linda Scott Cummings—Discussant
- 1:30 Carol Ellick—Discussant
- 1:45 Joseph Schuldenrein—Discussant
- 2:00 Ann Scott—Discussant
- 2:15 Rebecca Simon—Discussant
- 2:30 Mark Slaughter—Discussant
- 2:45 John Welch—Discussant
- 3:00 Maria Nieves Zedeño—Discussant
- 3:15 Holly Norton—Discussant

Saturday Afternoon, April 14**[290] SYMPOSIUM ■ MENTORING THE MISCELLANEOUS: PAPERS IN PALEOETHNOBOTANY****Room:** Lincoln 2**Time:** 1:00 PM–3:30 PM**Chair:** Angelina Perrotti**Participants:**

- 1:00 Angelina Perrotti—Non-pollen Palynomorphs Reveal Environmental Fluctuations in the Terminal Pleistocene Southeastern United States
- 1:15 Staci Willis—Pollen in Nautical Archaeology
- 1:30 Chase Beck, Vaughn Bryant and Dennis Jenkins—Pollen, Contamination, and Interpretation at Paisley Caves Archaeological Site
- 1:45 Elanor Sonderman—Revisiting Conejo Shelter: Refining Cultural Chronologies of the Lower Pecos, Texas
- 2:00 Ryan Szymanski—Approaching Equifinality: Pollen and Non-pollen Palynomorphs as Complementary Paleoecological Proxies
- 2:15 Richard Holloway and Karl Laumbach—Macrobotanical and Pollen Analysis of the Canada Alamosa Project
- 2:30 Mary Bryant—Is Traditional Pollen Analysis Obsolete?
- 2:45 Dolores Piperno—Discussant
- 3:00 Tim Riley—Discussant
- 3:15 Vaughn Bryant—Discussant

**[291] SYMPOSIUM ■ EXTENDING THE LEGACY OF THE LATE STEPHEN WILLIAMS****Room:** Lincoln 4**Time:** 1:00 PM–3:30 PM**Chair:** Judith Habicht-Mauche**Participants:**

- 1:00 Seth Grooms, Edward Henry, Kelly Ervin and Tristram Kidder—Beyond Good Grey Culture: Rethinking Early Woodland Origins in the Lower Mississippi Valley
- 1:15 Dorian Burnette, David Dye and Arleen Hill—Stephen Williams and The Vacant Quarter Phenomenon
- 1:30 Vincas Steponaitis—The Location of the Historic Natchez Villages, Revisited
- 1:45 Ian Brown—The Reuse of Indian Mounds as Historic and Modern Cemeteries
- 2:00 John Stubbs—Discoveries on Campus: Archaeology in Harvard Yard
- 2:15 Judith Habicht-Mauche and Emma Britton—Viewing Ceramic “Types,” “Varieties,” and “Modes” from a Practice-Based Perspective: Case Studies from the Greater Southwest
- 2:30 John Hoopes—Fantastic Archaeologist: Stephen Williams and the Perennial Task of Debunking Pseudoarchaeology
- 2:45 Paula Molloy—Fantastic Archaeology Revisited: Still Wild after All These Years
- 3:00 Jeremy Sabloff—Discussant
- 3:15 Questions and Answers

**[292] SYMPOSIUM ■ INTEGRATING CLIMATE CHANGE INTO ARCHAEOLOGICAL CURRICULA****Room:** Lincoln 3**Time:** 1:00 PM–3:45 PM**Chairs:** Phyllis Messenger and Lewis Messenger**Participants:**

- 1:00 Lewis Messenger—Investigating Climatic Dimensions of the Archaeological Past with Undergraduates Using CADGAP (Climatic Analogs Data Gathering Project)
- 1:15 Kenneth Tankersley—Surviving Climate Change
- 1:30 Olivia Navarro-Farr—Teaching Scientific Anthropology in the Age of Trump: Towards a Pedagogy of Science Literacy and Advocacy

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- 1:45 Alexander Rivas and Brent Woodfill—Teaching Climate Change in Red States  
 2:00 Phyllis Messenger and Patrick Nunnally—Tweeting the Flood: Student Social Media Fieldwork and Interactive Community Building  
 2:15 Doris Walter and Rebecca Bria—Multiple Ways of Understanding Peru's Changing Climate: Bridging Ethnographic, Archaeological, and Other Scientific Perspectives in Student Learning  
 2:30 Diane Douglas—Climate Change Adaptation: Implementing Indigenous and Local Knowledge to Increase Community Resilience  
 2:45 Diane Gifford-Gonzalez—Discussant  
 3:00 Andrew Scherer—Discussant  
 3:15 Kenneth Sassaman—Discussant  
 3:30 Questions and Answers

**[293] SYMPOSIUM ■ PROJECT PLAZA OF THE COLUMNS COMPLEX: NEW INVESTIGATION OF A CIVIC-ADMINISTRATIVE COMPLEX AT THE HEART OF TEOTIHUACAN, MEXICO**

**Room:** Washington Room 1

**Time:** 1:00 PM–4:00 PM

**Chair:** Nawa Sugiyama

**Participants:**

- 1:00 Nawa Sugiyama, Saburo Sugiyama, Adrian Chase, Tanya Catignani and Taylor Gibson—Methods of LiDAR Mapping in Urban Landscapes: Introducing the Teotihuacan LiDAR Map  
 1:15 David Carballo, Daniela Hernández Sariñana, Maria Codlin, Gina Buckley and Jorge Ortiz Hernández—Activity Areas and Political Economy at Teotihuacan's Plaza of the Columns: Investigations in Front E  
 1:30 William Fash, Nawa Sugiyama, Barbara Fash, Mariela Pérez Antonio and Alexis Hartford—Maya-Teotihuacan Relations Viewed from Front D at the Plaza of the Columns  
 1:45 Jose Luis Ruvalcaba, Paulina Guzmán, Edgar Casanova, Miguel Angel Maynez and Isaac Rangel—Technical Examination of Mural Painting Fragments from Plaza of the Columns Complex of Teotihuacan: A Comparative Study  
 2:00 Jeff Stanley, Mariela Pérez Antonio and Nawa Sugiyama—Spatial Distribution of Ceramic Sherds at the Plaza of the Columns, Teotihuacan, Mexico  
 2:15 Teresa Hsu, Nawa Sugiyama, Leila Martinez-Bentley and Mónica Gómez Peña—Zooarchaeology and Bioarchaeology: Ceremonial Feasts and Human Caches at Plaza of the Columns Complex, Teotihuacan  
 2:30 Yolanda Peláez Castellanos, Nawa Sugiyama and Agustín Ortiz—An Approximation towards the Function of Candeleros in the Plaza of the Columns Complex, Teotihuacan  
 2:45 Clarissa Cagnato—Macro- and Microbotanical Results from Select Archaeological Contexts in the Plaza of the Columns Complex, Teotihuacan, Mexico  
 3:00 Luis Barba, Jorge Blancas and Agustín Ortiz—Geophysical Prospection at Plaza of the Columns Complex, Teotihuacan  
 3:15 Ana Soler-Arechalde, Cecilia Caballero-Miranda, Ma Carmen Osorio and Itzayana Bernal—Archaeomagnetic Dating Results of PPC Project  
 3:30 Deborah Nichols—Discussant  
 3:45 Questions and Answers

Saturday Afternoon, April 14**[294] SYMPOSIUM ■ “WICKED AWESOME” ARCHAEOLOGY: NEW DATA AND DIRECTIONS IN THE ARCHAEOLOGICAL NORTHEAST****Room:** Washington Room 2**Time:** 1:00 PM–4:15 PM**Chairs:** Jennifer Ort and Ora Elquist**Participants:**

- 1:00 Jennifer Ort and Ora Elquist—Preserving the Ongoing Legacy of Northeast Pre-contact Archaeology
- 1:15 Richard Boisvert—Collaborative Research as an Adaptive Strategy among New England Archaeologists
- 1:30 Zachary Singer, Peter Leach, Tiziana Matarazzo, Cosimo Sgarlata and Dawn Beamer—Beyond a Stone’s Throw from the Lithic Source: New Investigations of the Paleoindian Component at the Templeton Site in Western Connecticut
- 1:45 Francis “Jess” Robinson and R. Scott Dillon—Trends, Traditions, Interregnums, and Continuities: An Examination of the Cultures of the Early Holocene of the Far Northeast
- 2:00 Kristen Jeremiah and Dianna Doucette—Written in Stone: 10,000 Years of Activity at the Acushnet LNG Site
- 2:15 David Leslie and Sarah P. Sportman—Lithic Analyses of Site 21-85, an Archaic–Woodland Period Site near Robbins Swamp and the Housatonic River, Connecticut
- 2:30 Ora Elquist—A Woman’s Retouch: Lithic Recycling at the Strow’s Folly Site (Locus 3), Wareham, Massachusetts
- 2:45 Erin Flynn—The Cutting Edge: Versatility and Preference for the Semi-lunar Knife in the Southern New England Archaic
- 3:00 Dianna Doucette, Elizabeth Chilton, David Foster, Deena Duranleau and Evan Taylor—Fire and Vegetation Dynamics: Blazing the Trail in Pre-contact Southern New England
- 3:15 David Wilson and Kevin McBride—Analysis of Sturgeon Fishing Encampments from Block Island, Rhode Island
- 3:30 Krista Dotzel—Phytolith Analysis of Woodland Period Carbonized Food Residues from Block Island, RI
- 3:45 Robert Ingraham, Sky Heller, Brian Robinson and Kristin Sobolik—“Left for the Tide to Take Back”: Specialized Taphonomic Mechanisms at Play in a Coastal Maine Seal Hunting Camp
- 4:00 Peter Leach—Minimally-Invasive Geoarchaeological Investigation of a Sub-marsh and Intertidal Precontact Site in New Hampshire

**[295] SYMPOSIUM ■ HUMAN ACTION AND DEEP TIME: A RETURN TO TIME AND SCALE IN ARCHAEOLOGY****Room:** Washington Room 3**Time:** 1:00 PM–4:45 PM**Chairs:** Thomas Hardy and Stephen Berquist**Participants:**

- 1:00 Asa Randall—The Impersistence of Persistent Places on the St. Johns River, Florida
- 1:15 Francesca Fernandini—The Timespace of the Pre-Hispanic City of Cerro de Oro
- 1:30 Megan Kassabaum—Mounds at the Margins: The Effect of Temporal Frontiers on Archaeological Interpretation
- 1:45 Julian Salazar, Valeria Franco Salvi and Dana Carrasco—Multiple Temporalities in the Andean Eastern Piedmont (Tucumán Province, Argentina)
- 2:00 Giles Spence-Morrow—Signs of History, Signs in History: Confronting the Past in Antiquity in the Jequetepeque Valley, Peru

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- 2:15 Stephen Berquist and Thomas Hardy—Deep Time and Human Action: An Introduction
- 2:30 Douglas Smit—Geology and Governance: Colonial Andean Mercury Mining and the Marroquín Collapse of 1786
- 2:45 Patrick Mullins—Frontier Landscapes in the Longue Durée: The Upper Moche Valley Chaupiyunga
- 3:00 James Zeidler—Deep Histories and Persistent Places: Repetitive Mound-Building and Mimesis in the Jama Valley Landscape, Coastal Ecuador
- 3:15 Thomas Hardy—Assembling Empire: Continuity and Change in the Long-Term Development of the Inca Empire
- 3:30 Lisa Maher and Danielle Macdonald—Becoming Neolithic or Being a Hunter-Gatherer? Reframing the Origins of Agriculture through a Longue Durée Perspective
- 3:45 Paul R. Duffy and Péter Czukor—Using Multiple Time Scales to Understand the Divergence of Prehistoric Social Trajectories in the Carpathian Basin
- 4:00 Hannah Moots—Towards a Recursive Relationship between Archaeological and Evolutionary Theory
- 4:15 Kirsten Vacca and Lisa Maher—Exploring the Interpretative Roles of Microarchaeology, Ethnohistory and Ethnoarchaeology for Structuring Daily Life in Pre-contact Hawaiian Houses
- 4:30 Questions and Answers

**[296] SYMPOSIUM ■ “IRISHNESS” WORLDWIDE: CONFRONTING THE VISIBILITY OF MATERIAL IDENTITY IN THE PAST AND PRESENT**

**Room:** Lincoln 5

**Time:** 1:00 PM–4:45 PM

**Chairs:** Andrew Webster and Sara Morrow

**Participants:**

- 1:00 Andrew Webster—Intersectional Irish Identity and the Rise of Globalization
- 1:15 Rachel Tracey—Interpreting ‘Irishness’ in the Archaeological Record: A Northern Ireland Perspective
- 1:30 Sara Morrow—Consumption Practice and the Authenticity of “Irishness”: Everyday Material Life on the Islands of Inishark and Inishbofin, Co. Galway, Ireland
- 1:45 Katherine Shakour—Choosing Building Materials: Multi-scalar Construction of Identities and Heritage Following Disaster
- 2:00 Stephen Brighton—The Materiality of Cultural Resilience: The Archaeology of Struggle and Transformation in Post-famine Ireland
- 2:15 Barra ODonnabhain and Jonny Geber—Irishness and the Bodies of the Poor in the 19th Century
- 2:30 Patrick Rivera—When Is an Artifact an ‘Ethnic’ Artifact? Case Studies from Ireland and Mexico
- 2:45 Questions and Answers
- 3:00 Alexander Anthony—“Irishness” and Tea Consumption: The Materiality of Ethnicity
- 3:15 Robert Vander Heiden—Glass Bottles at the McHugh Site: Patent Medicines, Frontier Health, and 19th Century Popular Culture
- 3:30 John Hyche—Shanties on the Mountainside: A Look at Labor on the Blue Ridge Railroad
- 3:45 Deirdre Kelleher—Unearthing the Material Culture of Nineteenth-Century Irish Immigrants in the “City of Homes”: A Case Study from Elfreth’s Alley, Philadelphia, Pennsylvania
- 4:00 Nicholas Ames—Objects in Motion: The Materiality of Irish Emigration in the

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- 19th Century World  
 4:15 William Donaruma and Ian Kuijt—I Could Read the Sky and Make Nets: 19th  
 Century Irish Taskscapes of Remembrance and Belonging  
 4:30 Audrey Horning—Discussant

**[297] SYMPOSIUM ■ RITUAL ECOLOGIES OF FOOD PRODUCTION IN THE ANCIENT WORLD****Room:** Marriott Salon 3**Time:** 1:00 PM–5:00 PM**Chair:** Rebecca Bria**Participants:**

- 1:00 Victoria Moses—Meat Production and Animal Sacrifice during the Urbanization  
 of Archaic Rome  
 1:15 Raymond Hunter—Cultivating Ideology: Food Production in Colonial Cusco,  
 Peru  
 1:30 Michael Aiuvalasit—Placing Ancestral Pueblo Water Management Practices into  
 Ritual Contexts  
 1:45 James Countryman—Ritual Production, Commodity Production, and Cultivating  
 Agricultural Heritage in Ravni Kotari, Croatia  
 2:00 Dana Bardolph, Brian Billman and Jesús Briceño — Hidden Labor: Exploring  
 Food, Gender, and Ritual in the Prehispanic Moche Valley of North Coastal Peru  
 2:15 Katherine Chiou—Meat, Transport, Fertilizer, and Meaning: Considering the  
 Role of Camelids and Ritual in Moche Food Production  
 2:30 Maria C. Bruno, Christine A. Hastorf and Jewell Soriano—Landscapes and  
 Agricultural Rituals on the Taraco Peninsula, Bolivia  
 2:45 Cameron L. McNeil—Discussant  
 3:00 Rebecca Bria—Interlinking Practices and Community Assemblages: Agriculture  
 and Ritual in Ancient Hualcayán, Peru  
 3:15 Hannah Chazin—Ordinary or Extraordinary? Analytical Disjunctures between  
 Production and Rituals in Pastoralist Societies  
 3:30 Madeleine McLeester—“Every Plant is Medicine:” Overlapping Categories in  
 Food Production and Ritual  
 3:45 Brad Chase, David Meiggs and P. Ajithprasad—Kinship and Cattle in Harappan  
 Gujarat  
 4:00 Elisabeth Hildebrand, Katherine Grillo, Anneke Janzen, Susan Pfeiffer and  
 Elizabeth Sawchuk—Ritual Sites as Anchors in a Dynamic Landscape: The  
 Social and Economic Importance of Monumental Cemeteries Built by Eastern  
 Africa’s Earliest Herders  
 4:15 Kurt F. Anschuetz and Richard I. Ford—Earning Their Living: Archaeologies of  
 Ideation, Ritual, and Agricultural Practice in the Southwestern Pueblo Landscape  
 4:30 Justin Lev-Tov—Animal Bones from Hazor, Israel and a Cautionary Tale of  
 Interpreting Past Ritual  
 4:45 Christine A. Hastorf—Discussant

**[298] SYMPOSIUM ■ ARCHAEOLOGICAL SCIENCE MEETS THE CLASSICS: EMERGING  
 KNOWLEDGE IN THE ANCIENT EASTERN MEDITERRANEAN WORLD****Room:** Washington Room 4**Time:** 1:00 PM–5:00 PM**Chairs:** Eleanna Prevedorou and Calla McNamee**Participants:**

- 1:00 Scott Pike—Sourcing Building Stones in the Ancient Mediterranean: A Review of  
 25 Years of Provenance Research at the Wiener Laboratory  
 1:15 Panagiotis Karkanas, Sharon Stocker and Jack Davis—Microstratigraphic and

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- Geochemical Contributions to the Study of the Burial Practices and Taphonomy of the Mycenaean Shaft Grave of the 'Griffin Warrior', Pylos, Greece
- 1:30 Julie Hruby—Building a Statistical Model to Evaluate the Sexes of Ancient Greek Fingerprints
- 1:45 Salvatore Vitale, Calla McNamee, Toula Marketou, Denitsa Nenova and Jerolyn E. Morrison—Changing Landscapes: Settlement Strategies, Cultural Dynamics, and Material Evidence on Kos, Dodecanese, during the Final Neolithic and the Bronze Age
- 2:00 Susan Allen, China Shelton and Calla McNamee—Preservation and Perception: Archaeobotanical Patterning and Site Formation Processes in Mycenaean Messenia
- 2:15 Maria Ntinou and Soultana-Maria Valamoti—Trees and Tree Cultivation in the Prehistoric Aegean: A Synthesis of Archaeobotanical Data
- 2:30 Calla McNamee, Sofia Laparidou, Georgia Tsartsidou, Maria Bofill and Soultana-Maria Valamoti—Experimental Archaeology as a Tool for Understanding Microbotanical Taphonomy
- 2:45 Questions and Answers
- 3:00 Deborah Ruscillo—Hunting the Helmet: Social and Practical Aspects of Building a Boar's Tusk Helmet
- 3:15 C. Margaret Scarry and W. Flint Dibble—Bridging the Divides at Azoria: Environmental Archaeology at an Archaic Greek City
- 3:30 Sherry Fox, Sandra Garvie-Lok and Steve Friesen—An Osteological and Isotopic Assessment of Diet at Ancient Corinth and Ancient Paphos
- 3:45 Maria Liston—Exploring the Evidence for Infectious Diseases in Byzantine Thebes, Greece
- 4:00 Anna Lagia—Contributing Bodies: The Foundation of the Modern Human Skeletal Collection of the University of Athens in Greece
- 4:15 Eleanna Prevedorou, Jane E. Buikstra and Stella Chrysoulaki—Unwritten Histories: The People of the Phaleron Cemetery
- 4:30 Jane E. Buikstra—Discussant
- 4:45 Curtis Runnels—Discussant

**[299] SYMPOSIUM ■ CURRENT ARCHAEOLOGICAL RESEARCH IN EASTERN, CENTRAL, AND SOUTHERN HONDURAS**

**Room:** Marriott Salon 2

**Time:** 1:00 PM–5:00 PM

**Chairs:** Whitney Goodwin and Franziska Fecher

**Participants:**

- 1:00 Markus Reindel and Franziska Fecher—The Imbalanced Archaeology of Honduras: Challenges and Potentials
- 1:15 Oscar Neill—Entre Mesoamérica y el Área Intermedia, Patrón de Asentamiento Arqueológico en la Costa Nororiental de Honduras
- 1:30 Whitney Goodwin—Ceramics Inside and Out: Food, Style, and Identity in Coastal Northeastern Honduras during the Selin Period (AD 300–1000)
- 1:45 Wilmer Elvir, Ashley Sharpe and Whitney Goodwin—Relaciones Sociales y Medioambientales en Selin Farm a través del Análisis de su Conjunto Arqueomalacológico
- 2:00 Franziska Fecher, Markus Reindel and Peter Fux—Cultural and Economic Interaction at Postclassic Guadalupe, Northeast Honduras
- 2:15 Raquel Otto and Luke Stroth—La Obsidiana del Sitio Guadalupe, Colón, Honduras
- 2:30 Jill Mattes—Architecture of Pre-Columbian Northeast Honduras

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- 2:45 Christopher Begley—3D Imaging in Remote Areas, Rainforests, and Other Hostile Environments: Investigating Identity and Interaction in Eastern Honduras
- 3:00 Carmen Julia Fajardo—Los Recursos Culturales del Pasado en la Zona del Oriente: Represa Hidroeléctrica Patuca III
- 3:15 Rodrigo Solinis-Casparius, Christopher T. Fisher, Anna Cohen, Juan Fernandez Diaz and Jason Bush—Excavations at the City of the Jaguar
- 3:30 Juan Fernandez Diaz, Anna Cohen, Christopher T. Fisher, Ramesh Shrestha and Alicia M. Gonzalez—New Insights into Honduran Archaeology from the Recovery and Reanalysis of an Antique Lidar Dataset
- 3:45 Alejandro Figueroa—The Multiple Meanings of the Rock Art Landscape of Central and Southern Honduras
- 4:00 Ridel Morales, Carmen Julia Fajardo and Blanca Fajardo—Aportes a la Interpretación Arqueológica de la Zona Sur en Honduras
- 4:15 Marie Kolbenstetter—"Les Niveaux Céramiques au Honduras" Revisited: The Gulf of Fonseca in Regional Context
- 4:30 John Henderson and Kathryn Hudson—Toward an Ulúa World: Defining, Delimiting, and Interpreting Interaction Networks
- 4:45 Questions and Answers

**[300] SYMPOSIUM ■ PRELIMINARY RESULTS: 2017 FIELD SEASON, PROGRAMA ARQUEOLOGICO PREHISTORIA URBANA DE HUARI**

**Room:** Marriott Salon 1

**Time:** 1:00 PM–5:00 PM

**Chairs:** Brittany Fullen, Geoffrey Taylor and Halona Young-Wolfe

**Participants:**

- 1:00 William Isbell and Ismael Pérez Calderón—Huari Urban Prehistory: An Introduction to the Excavations of 2017
- 1:15 Ismael Pérez Calderón—Lluvias que ocurrieron en el pasado prehistórico del valle de Huamanga en Ayacucho, Perú
- 1:30 Halona Young-Wolfe—Architectural Style and Urban Organization at the Patipampa Sector of Huari
- 1:45 Gonzalo Rodriguez—Replacing Houses and Building a City: Huari, Ayacucho
- 2:00 Geoffrey Taylor—Foodways and Urban Living: A Macrobotanical Analysis of Huari Homes
- 2:15 Hannah Elliott—Camelid Exploitation at the Middle Horizon Site of Huari
- 2:30 Emily Roberts—Craft Production and Consumption in the City of Huari: A Spatial Analysis
- 2:45 Bronson Wistuk—A Preliminary Analysis of Flaked Stone Tools at Patipampa
- 3:00 Questions and Answers
- 3:15 Brittany Fullen—What's a Niche Got to Do with It? Spatial Analysis of Niche Structures at Patipampa and Other Middle Horizon Sites
- 3:30 Luz Antonio—Relaciones estilísticas y culturales en un contexto temprano del Horizonte Medio
- 3:45 Hideyuki Nishizawa—What Does the "Cruz Pata" Style Look Like?: Redefining an Enigmatic EIP Ceramic Style of the Ayacucho Valley
- 4:00 Barbara Wolff—Post-Fire Incisions on Wari Pottery
- 4:15 Justin Jennings—Discussant
- 4:30 John Janusek—Discussant
- 4:45 Cynthia Robin—Discussant

Saturday Afternoon, April 14**[301] POSTER SESSION ■ WOODLAND ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 301-a Ashley Rutkoski and Michelle Bebbler—Assessing the Distribution of Limestone Temper in Southern Ohio
- 301-b Martin Menz—Weeden Island Shell Rings from the Bottom-Up: The View from Old Creek
- 301-c Jessica Vavrsek—St. Lawrence Iroquoian Pottery Motifs and Dog Isotopes as Indicators of Population Movement in Jefferson County, NY
- 301-d William Green, Steven DeVore and Adam Wiewel—Geophysical Survey and Remote Sensing at Gast Farm, Southeast Iowa: Hidden Mounds and Middle and Late Woodland Community Plans
- 301-e Kathleen Allen—Pottery Analysis as a Window into Site Function and Community Identity: A Haudenosaunee Case Study
- 301-f Matthew Moriarty, Ellen Moriarty, Rosy Kirk and Bryant Garrow—At the Gateway to Vermont: Recent Investigations at the Galick Site, West Haven, VT
- 301-g Leslie Drane—Constructing Communities: A New Magnetometry Survey at the John Chapman Site
- 301-h Mark Donop—Pot Souls and Kill Holes: Weeden Island Ceramics from Palmetto Mound, Florida

**[302] POSTER SESSION ■ THE MAYAN WORLD****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 302-a Jessica Munson, Jonathan Scholnick and Lorena Paiz Aragon—Quality of Life Changes in an Ancient Maya Community: Longitudinal Perspectives from Altar de Sacrificios, Guatemala
- 302-b Yijia Qiu, Julie Hoggarth, Claire Ebert and John Walden—Identifying Patterns of Ceramic Compositional Variability from Residential Contexts in Three Late Classic Maya Polities
- 302-c Wade Tidwell—Artifact Ubiquity as an Index of Ancient Maya Socioeconomic Variability at Actuncan, Belize
- 302-d William Nolan and Jerald Ek—Shellfish Harvesting, Subsistence Strategies, and Human/Environmental Interactions in the Río Champotón Drainage, Campeche, Mexico
- 302-e Rachel Gill, Brigitte Kovacevich and Michael Callaghan—Reflectance Transformation Imaging: New Methods in Documenting Preclassic Maya Graffiti from Holtun, Guatemala
- 302-f Emily Haney—Mortuary Vessels at the Maya City of El Peru-Waka'
- 302-g Nathan Parrott and Carlos Peraza Lope—An Analysis of Bark Beaters from the Postclassic Site of Mayapán
- 302-h Geraldine Granados Vazquez, Isabelle Séguy and Lourdes Marquez—The Risk of Dying in Ancient Societies. Vulnerability from a Bioarchaeological Approach, Theoretical-Methodological Model
- 302-i Scott Simmons—The Integration of Island and Mainland Maya Communities: Perspectives from Ambergris Caye, Belize
- 302-j Victoria Izzo, Jennifer Marla Toyne, Michael Callaghan and Brigitte Kovacevich—An Osteobiography of Skeletal Remains from Holtun, Guatemala
- 302-k Sherman Horn and Anabel Ford—Through a Scanner...Darkly? LiDAR, Survey, and Mapping at the Ancient Maya Center El Pilar

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- 302-l Delande Justinvil, Jessica Leonard, Hannah Plumer, Thomas Guderjan and Colleen Hanratty—The Teeth Tell All: Dentition, Demography, and Paleopathology at Early Classical Mayan Site of Tulix Muul, Belize
- 302-m Lauren Koutlias and Annie Riegert—Deviancy, an Alternate Means of Child Veneration at the Maya Site of Colha

**[303] POSTER SESSION ■ LANDSCAPE ARCHAEOLOGY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 303-a Gligor Dakovic—Preliminary Analysis of Landscape—Social Complexity Relationship Changes from Neolithic to Bronze Age in South Carpathian Basin
- 303-b Charles Rainville and Asa Randall—Measuring Ancient Reuse of the Past: Archaic and Woodland Landscape Histories of the St. Johns River Valley, Florida
- 303-c Jordan Downey—No-Budget Archaeology: Landscape Archaeology Using Free Data and Software
- 303-d Emily Brush— High Elevation Land Use in the Cougar Pass Region of the Absaroka Mountains of Northwest Wyoming
- 303-e Jessica Curteman, Briece Edwards and Jon Krier—Storied Landscapes and Cultural Resource identification on Oregon's Paleocoastline
- 303-f Sarah Harris, Moriah McKenna and Anthony Graesch—(Im)movable Stone: a Comparative Analysis of Fieldstone Concentrations in Southern New England
- 303-g Karen Reed, Jonathan Libbon, Aidan McCarty, Benjamin Demchak and Erica Birkner—A Creek in Time: Landscape Archaeology of the Conotton Creek Drainage of Eastern Ohio
- 303-h Shaun Murphy, Peter Bikoulis and Sally Stewart—Landscapes of Acquisition and Mobility: Sourcing Raw Lithic Materials and Their Distribution in Central Cyprus

**[304] POSTER SESSION ■ OLD WORLD PRE- AND PROTOHISTORY****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 304-a William Taylor, Tumurbaatar Tuvshinjargal, Jamsranjav Bayarsaikhan and Julia Clark—Zooarchaeology by Mass Spectrometry (ZooMS) and the Emergence of Nomadic Herding in Eastern Central Asia
- 304-b Ivor Karavanic and Antonela Barbir—An Integrative Approach to Cave, Open-Air and Underwater Mousterian Sites of Dalmatia (Croatia)
- 304-c Zachary Cofran, Reed Coil and Gabriel McGuire—Geoarchaeological Survey of the Irtysh River Basin, East Kazakhstan
- 304-d Lisa Rogers—Human-Material Interactions during the Aurignacian of Europe, 35,000–27,000 BP: An Analysis of Marine Shell Ornament Distribution
- 304-e Felicia De Pena—Lithics and Learning: Communities of Practice at Kharaneh IV
- 304-f Aylar Abdolazadeh, George Leader, Tamara Dogandzic, Li Li and Harold Dibble —Raw Material Variability and Its Effects on Flake Production
- 304-g Mary A. Davis—Domestic Craft Specialization and Social Spatial Organization of Harappa
- 304-h Kayla Worthey—Stable Isotope Analysis Applied to the Reconstruction of Paleoenvironment and Landscape Use during the Middle and Early Upper Paleolithic at Üçağızlı I and II, South-Central Turkey

Saturday Afternoon, April 14

- 304-i Trisha Jenz, Sarah Ledogar and Jordan Karsten —Dogs of Death: An Evaluation of Canid Remains from a Mortuary Eneolithic Cave Site in Ukraine
- 304-j J. Anne Melton, Emily Briggs and Kele Missal—What's Shape Got to Do With It? Evaluating the Degree to Which Motion and Material Type Influence Edge Outline of Obsidian Flakes
- 304-k Breeanna Charolla and Jamie Hodgkins—Zooarchaeological Analysis of a Late Pleistocene Cave Site in Northwestern Italy, Arma Veirana

**[305] POSTER SESSION ■ HISTORIC NORTH AMERICA: THE WEST AND MIDWEST****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 305-a Robert Schon—The Archaeology of Baseball: Excavations at Warren Ballpark in Bisbee, AZ
- 305-b Taylor Peacock—Names, Lineages, and Document Archaeology: Examining Traditions and Cultural Shifts in Jewish Personal Names
- 305-c Colleen Delaney and James T. Brewer—Stories from the Guadalupe: Changes in Land Use along the California Coast
- 305-d Christopher Lowman—Many Ways of Working: Archaeological Methods at the Arboretum Chinese Quarters, Stanford, California
- 305-e Cody Dalpra and Hunter Crosby—Historic Evidence of Social, Economic, and Gender Issues at Petrified Forest National Park: Variability in the Archaeological Signature of Historic Homesteads
- 305-f Molly Cannon, Kenneth Cannon, Kenneth Reid, Joel Pederson and Houston Martin—Implications of Integrative Science Approaches for Site Documentation at Bia Ogoi
- 305-g Jessica Yaquinto and Kathleen Van Vlack—Tribal Connections to the Monticello Field Office

**[306] POSTER SESSION ■ BIOARCHAEOLOGY: THE AMERICAS****Room:** Exhibit Hall B South**Time:** 2:00 PM–4:00 PM**Participants:**

- 306-a Katherine McElvaney—A Comparative Bioarchaeology of Health and Status in Pre-Classical K'axob and Cuello
- 306-b Alicia Gonzales, Jeffrey Blomster and Ricardo Higelin Ponce de León —Taphonomic Examination of the Skeletal Collection from Etlatongo, Mixteca Alta, Oaxaca
- 306-c Elizabeth Hannigan, Shintaro Suzuki, Felipe Trabanino and Boris Beltran—A Biological Profile of an Individual from Xultún Using Bioarchaeological, Starch, and Isotopic Analyses
- 306-d William Marquardt, Alexis O'Donnell, Karen Price, Katie Williams and Heather Edgar—Mortuary Analysis of St. Joseph Sanatorium, Albuquerque, New Mexico: A Multidisciplinary Approach
- 306-e Jessica Skinner—Three-Dimensional Musculoskeletal Modeling in Commingled Analysis: A Preliminary Study at the Milwaukee County Poor Farm Cemetery
- 306-f Jacklyn Rumberger, Arthur Joyce, Sarah Barber, Stacie King and Guy Hepp—Comparing Isotopic Data for Diet and Mobility of Males and Females in the Lower Río Verde Valley, Oaxaca, Mexico
- 306-g Eve Hargrave and Kristin M. Hedman—Hoxie Farm: Bioarchaeology of a Late Prehistoric Community in Northeastern Illinois

Saturday Afternoon, April 14

- 306-h Lauren Downs and Kyle Waller—Problematic at Best: Assigning Sex to Prehistoric Remains with Consistency
- 306-i Karimah Kennedy Richardson, Wendy Teeter, Desiree Martinez and Cindi Alvitre—A Forensic investigation of the Ralph Glidden Human Remains Collection of the Catalina Island Museum

**[307] SYMPOSIUM ■ CASE STUDIES ON HUMAN INTERACTION WITH WATER RESOURCES****Room:** Johnson**Time:** 2:45 PM–3:45 PM**Chair:** Ruby Kerwin**Participants:**

- 2:45 Joyce White, Michael Griffiths, Cyler Conrad and Kathleen Johnson—Climate Change and the Middle Holocene “missing millennia” in the Southeast Asian Archaeological Record
- 3:00 Christopher Caseldine—Irrigation Time: An Assessment of Time as a Factor in Hohokam Irrigated Acreage
- 3:15 Ruby Kerwin and Sarah Klassen—The Development of Hydroelectric Power over Ancestral Land in Chilean Patagonia
- 3:30 Rachael Lane, Sarah Lane and Ruby Kerwin—Parting the Sea and Draining the Swamp: A Critical Review of Binary Approaches to Water Management

**[308] SYMPOSIUM ■ THE ARCHAEOLOGY OF COMPARATIVE SLAVERY****Room:** Jackson**Time:** 3:15 PM–5:00 PM**Chair:** Mark Leone**Participants:**

- 3:15 Jane Webster—From Rome to Charleston: A Comparative Perspective on the Archaeology of Forced Migration
- 3:30 Julia Haines—The Archaeology of Mauritian Indentured Labor: Social Life and Death
- 3:45 Matthew Reilly and Caree Banton—Slavery and Freedom from the West Indies to West Africa
- 4:00 Samantha Lee—Trading In Children
- 4:15 Carmel Schrire—Social Life and Social Death among Cape Slaves
- 4:30 Mark Leone—Discussant
- 4:45 Sandra Joshel—Roman Slavery

**[309] SYMPOSIUM ■ ARCHAEOLOGY AND THE SENSES****Room:** Park Tower Suite 8206**Time:** 3:30 PM–4:45 PM**Chair:** Robyn Price**Participants:**

- 3:30 Robyn Price—The Invisibility of Experience: Accessing Ancient Sensory Frameworks
- 3:45 Katharina Zinn—Did You Sleep Well? – The Body, the Senses and the Ancient Egyptian Headrest
- 4:00 Kirie Stromberg—Shang Soundscapes
- 4:15 Ryan Lash—Movement, Intersubjectivity, and Sensory Archaeology— Insights from Western Ireland
- 4:30 Ann Danis and Ruth Tringham—Doing Senses: Methods and Landscapes

Saturday Afternoon, April 14**[310] SYMPOSIUM ■ RICH LAND, POOR LAND: USING STABLE ISOTOPES TO EXPLORE ANCIENT FARMING AND HERDING PRACTICES****Room:** Jefferson**Time:** 3:30 PM–5:00 PM**Chairs:** Mallory Melton and Amber VanDerwarker**Participants:**

- 3:30 Claire Ebert, Julie Hoggarth, Kirsten Green, Carolyn Freiwald and Jaime Awe—  
The Stable Isotope Ecology of Agriculture in the Eastern Maya Lowlands from  
the Preclassic through Colonial Periods
- 3:45 Anneke Janzen, Mary Prendergast and Katherine Grillo—Early Pastoralists in  
Tanzania: Mobility and the Seasonal Round
- 4:00 Amber VanDerwarker, Mallory Melton and Greg Wilson—Farming, Warfare,  
Drought, and Soil Fertility in the Mississippian Central Illinois River Valley:  
Carbon and Nitrogen Isotopes on Maize Kernels from Five Sites Spanning Two  
Centuries
- 4:15 Alicia Ventresca Miller—Evidence for Close Management of Sheep in Ancient  
Central Asia: Foddering Techniques and Transhumance in the Final Bronze Age
- 4:30 Ayushi Nayak, Michael Petraglia, Nicole Boivin and Patrick Roberts—  
Domesticating the Mosaic: Stable Isotope Approaches to Agroecologies in South  
Asia
- 4:45 Sarah McClure, Claire Ebert, Emil Podrug and Douglas J. Kennett—Identifying  
Animal Management Practices Using Oxygen Isotopes in Neolithic Croatia

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- [313] ELECTRONIC SYMPOSIUM ■ FROM THE GROUND UP: UPDATES AND LESSONS  
LEARNED FROM AN OPEN NORTH AMERICAN ARCHAEOLOGY TEXTBOOK**  
**Room:** Park Tower Suite 8206  
**Time:** 8:00 AM–10:00 AM  
**Chair:** Stephanie Halmhofer

**Participants:**

Katie V. Kirakosian—Planting a Seed and Watching It Grow: Planning an Open Textbook from Scratch  
Paulina Przystupa—The Challenges of Co-authoring a Background Chapter for an Open Textbook  
Jennifer Zovar—Steering through North American Archaeology: Reflections on the Effectiveness of an Open Textbook Steering Committee  
Larkin Hood—You Read It; Don't Forget It: Designing Activities That Help Students Learn

- [315] FORUM ■ ADVANCES AND PROSPECTS IN THE ARCHAEOLOGICAL SCIENCES ON THE  
40TH ANNIVERSARY OF THE SOCIETY FOR ARCHAEOLOGICAL SCIENCES (II)**  
*(Sponsored by Society for Archaeological Sciences)*  
**Room:** Lincoln 2  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Robert Sternberg, Kyle Freund and R. Taylor

**Participants:**

R. Taylor—Discussant  
Anthony Krus—Discussant  
Jessica Cook Hale—Discussant  
Alessandra Pecci—Discussant  
Jane E. Buikstra—Discussant  
Kimberly Foecke—Discussant  
Robert H. Tykot—Discussant  
Paul Szpak—Discussant

- [316] FORUM ■ MAKING ARCHAEOLOGY FAIR**  
**Room:** McKinley  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Sarah Whitcher Kansa, Julian Richards and Willeke Wendrich

**Participants:**

Sarah Neusius—Discussant  
Anne Austin—Discussant  
Kitty Emery—Discussant  
Andres Izeta—Discussant  
Katherine Cook—Discussant  
Eric Kansa—Discussant  
Ben Marwick—Discussant

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- [317]     **FORUM ■ GENDER THROUGH THE GENERATIONS**  
(Sponsored by SAA Committee on the Status of Women in Archaeology)  
**Room:** Park Tower Suite 8219  
**Time:** 8:00 AM –10:00 AM  
**Moderators:** Laura Junker and Barbara Roth

**Participants:**

Sian Halcrow—Discussant  
Sarah McClure—Discussant  
Miriam Stark—Discussant  
Laura Kosakowsky—Discussant  
Katie Biittner—Discussant  
Kathleen Wheeler—Discussant  
Claire Ebert—Discussant  
Cynthia Robin—Discussant  
Anna Roosevelt—Discussant

- [318]     **FORUM ■ ARCHAEOLOGY, SUSTAINABILITY AND ENERGY**  
(Sponsored by Grantham Centre for Sustainable Futures )  
**Room:** Park Tower Suite 8222  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Theresa Nelson and Roger Doonan

**Participants:**

Theresa Nelson—Discussant  
Roger Doonan—Discussant  
John Barrett—Discussant

- [319]     **FORUM ■ 2018 EUROPEAN YEAR FOR CULTURAL HERITAGE: AN OPPORTUNITY FOR  
ARCHAEOLOGY AND ARCHAEOLOGICAL HERITAGE PUBLIC POLICIES**  
(Sponsored by European Year of Cultural Heritage [European Union and  
Council of Europe])  
**Room:** Park Tower Suite 8212  
**Time:** 8:00 AM–10:00 AM  
**Moderator:** Felipe Criado-Boado

**Participants:**

Roderick B. Salisbury—Discussant  
Kristian Kristiansen—Discussant  
Carsten Paludan-Müller—Discussant

- [320]     **FORUM ■ CITYSCAPES AND LANDSCAPES: BENEFITS & CHALLENGES OF 3D  
VISUALIZATION & ANALYSIS**  
**Room:** Park Tower Suite 8216  
**Time:** 8:00 AM–10:00 AM  
**Moderators:** Elaine Sullivan and Heather Richards-Rissetto

**Participants:**

Douglas Gann—Discussant  
Giles Spence-Morrow—Discussant  
Timothy Hare—Discussant  
Maurizio Forte—Discussant  
Alex E. Badillo—Discussant  
Marie Saldana—Discussant

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Thomas Whitley—Discussant

Jeffrey Vadala—Discussant

**[321] FORUM ■ VIRTUAL AND DIGITAL ETHICS**

*(Sponsored by SAA Ethics Committee and Digital Data Interest Group)*

**Room:** Lincoln 4

**Time:** 8:00 AM–10:00 AM

**Moderators:** Lynn Dodd and Joshua J. Wells

**Participants:**

George Nicholas—Discussant

Luis Jaime Castillo—Discussant

Stacie King—Discussant

Mary Compton—Discussant

Chris Webster—Discussant

Dru McGill—Discussant

Adrian Chase—Discussant

Lisa Hillman—Discussant

Gwyneira Isaac—Discussant

Leaf Hillman—Discussant

**[322] LIGHTNING ROUNDS ■ IT'S HARDER THAN IT LOOKS: THE REALITIES AND COMPLEXITIES OF NAGPRA IMPLEMENTATION**

*(Sponsored by SAA Committee on Repatriation)*

**Room:** Washington Room 1

**Time:** 8:00 AM–10:00 AM

**Moderators:** Nell Murphy and Lauren Sieg

**Participants:**

Alex Barker—Discussant

Rex Buck—Discussant

Allison Davis—Discussant

Briece Edwards—Discussant

Sarah Glass—Discussant

Erin Gredell—Discussant

Jordan Jacobs—Discussant

Michele Morgan—Discussant

Angela Neller—Discussant

Lara Noldner—Discussant

Melanie O'Brien—Discussant

Helen Robbins—Discussant

Adam Watson—Discussant

**[323] SYMPOSIUM ■ DISENTANGLING HUMAN-PLANT INTERRELATIONSHIPS IN ANCIENT CARIBBEAN SOCIETIES**

**Room:** Washington Room 6

**Time:** 8:00 AM–10:00 AM

**Chair:** Yadira Chinique De Armas

**Participants:**

8:00 Jason Laffoon and William Pestle—Quantitative Paleodietary Reconstruction with Complex Foodwebs: An Isotopic Case Study from the Caribbean

8:15 Mary Jane Berman and Deborah Pearsall —Lucayan Paleoethnobotany: Dynamism and Stability in the Bahama Archipelago

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- 8:30 Andrew Ciofalo and Devon Graves—Cookware and Crockery: A Form and Functional View from the Southern Bahamas
- 8:45 Jaime R. Pagan-Jimenez, Corinne L. Hofman and Menno Hoogland—Kitchen Affairs: First Insights into the Intimacies of Food Plant Preparation at El Flaco, Northern Dominican Republic (XII–XV Centuries)
- 9:00 Yadira Chinique De Armas, Ulises Miguel Gonzalez Herrera, Megan Filyk, Roberto Rodriguez Suarez and Mirjana Roksandic—New Insights into the Consumption of Cultigens for “Archaic” Age Populations in Cuba: The Archaeological Site of Playa el Mango, Rio Cauto, Granma
- 9:15 Natalia Donner, Andrew Ciofalo, Samuel Castillo and Alexander Geurds —Pre-colonial Griddles in Central Nicaragua: An Archaeometric and Archaeobotanical Approach to Foodways at the Barillas Site, Chontales
- 9:30 Questions and Answers
- 9:45 William Keegan—Discussant

**[324] SYMPOSIUM ■ THE EQUATORIAL ANDES: RECENT RESEARCH AND NEW PERSPECTIVES**

**Room:** Delaware A

**Time:** 8:00 AM–10:15 AM

**Chairs:** Ryan Hechler and William Pratt

**Participants:**

- 8:00 Ryan Hechler—Discussant
- 8:15 Morgane Berrone—Las practicas funerarias del Formativo en la costa ecuatoriana : resultado de
- 8:30 Tasia Scott—Abandonment Processes in Manabi, Ecuador: Ethnoarchaeological Interpretations from the Cloud Forest
- 8:45 Andres Garzon-Oechsle—Results of Survey and Analysis of Manteño Archaeological Sites with Stone Structures in the Upper Rio Blanco River Valley, Manabí, Ecuador
- 9:00 William Pratt—From the Ashes: Volcanic Construction Materials in Pre-Columbian Ecuador
- 9:15 David Brown, Mark Willis and Chester Walker—The Late Prehistory of Ecuador from Above and Below: Remote Sensing in the Northern Highlands
- 9:30 Maria Ordoñez, Tamara Landivar and Lourdes Torres—Putting Heads Together: A Multidisciplinary Approach to the Museum Archaeology of the National Tsantsa Collection at the Pumapungo Museum, Cuenca
- 9:45 Corey Herrmann—Discussant
- 10:00 Sarah Rowe—Discussant

**[325] GENERAL SESSION ■ SOUTHWESTERN NORTH AMERICA**

**Room:** Wilson B

**Time:** 8:00 AM–10:15 AM

**Chair:** Jerry Lyon

**Participants:**

- 8:00 Jill Neitzel—Color by Design on Hohokam Pottery
- 8:15 Kathryn Baustian, Danielle M. Romero, Barbara Roth and Darrell Creel—Tracing Lineages and Regional Interaction in the Upper Mimbres Valley: Preliminary Bioarchaeological Indicators at the Elk Ridge Site
- 8:30 Jim Railey—Lithic Assemblage Variability at the Regional Level: Raw Material Conditions, Time, and Site Function
- 8:45 Kimberly Spurr—More than Just Cliff Dwellings: Results of Survey at Navajo National Monument, Arizona

Sunday Morning, April 15

- 9:00 Abraham Arnett, S. Joey LaValley and Travis Cureton—The Undiscovered Country: New Insights into the Anchan Tradition of Central Arizona
- 9:15 Nicholas Kessler—Carbon Legacies of Dryland Agricultural Features in the Ancient Southwest
- 9:30 Jerry Lyon, Barbara Montgomery and Jeffrey Jones—Deciphering the Dairy Site: Settlement Dynamics and Early Hohokam Developments
- 9:45 Heather Seltzer—Cultural Icons: Understanding Social Identity through Iconography in the Contact Era Pueblo World
- 10:00 Tyler Michael—Resistance and Revitalization in the Native American Southeast

**[326] SYMPOSIUM ■ THE VETERANS CURATION PROGRAM: AN INNOVATIVE APPROACH TO COLLECTIONS MANAGEMENT**

**Room:** Hoover

**Time:** 8:00 AM–10:30 AM

**Chairs:** J. Joseph and Michael Trimble

**Participants:**

- 8:00 Michael Trimble—Introduction to the USACE Veterans Curation Program
- 8:15 Alison Shepherd, Kelly Brown and Josh Wackett—Teaching Archaeology to Veterans: Case Studies from the Veterans Curation Program
- 8:30 Jessica Mundt and Jasmine Heckman—The Veterans Curation Program: Unintended Public Archaeology
- 8:45 Katie Leslie and Melissa Frederick—Veteran Archivists: The Harry S. Truman Reservoir Project
- 9:00 Guillian Hurte, Sr. and Gabriel Brown—Forensic Photography and the VCP - Teaching Veterans and Capturing History
- 9:15 Gabriel Brown and Guillian Hurte, Sr.—Forensic Photography and the VCP - Teaching Veterans and Capturing History
- 9:30 Sarah Janesko, Alison Shepherd, Grace Gronniger and Kevin Bradley—To Be of Use: Re-examining Army Corps of Engineer's Collections
- 9:45 Kelly Brown, Alison Shepherd and Josh Wackett—The Tombigbee Historic Townsites Project: A New Look at a Previously Excavated Collection
- 10:00 Melissa Frederick and Grace Gronniger—Artifact Highlights from the Yeo Site (23CL199): A Kansas City Hopewell Site
- 10:15 J. Joseph—Discussant

**[327] SYMPOSIUM ■ FROM PROGRAM TO PRACTICE: PRAGMATIC PHILOSOPHY AND ARCHAEOLOGY**

**Room:** Wilson A

**Time:** 8:00 AM–10:30 AM

**Chair:** Stephen Mrozowski

**Participants:**

- 8:00 Stephen Mrozowski—Pragmatism and the Art of Collaborative Research
- 8:15 Lee Panich and Tsim Schneider—Peopling the Post-contact Landscape in Central California: A Pragmatic Approach
- 8:30 Robert Preucel—The New Pragmatism: Archaeological Encounters and Entanglements
- 8:45 Patrick Baert—Pragmatist Philosophy of Social Science: A Proposal
- 9:00 Patrick Baert—Discussant
- 9:15 Anna Agbe-Davies—Pragmatism, Archaeology, and the Race Woman
- 9:30 Carol McDavid—Reflections on Pragmatism and Academic Life
- 9:45 Audrey Horning—Ethics, Positionality, and Pragmatism: Archaeological Approaches to Identity and the Role of Archaeological Practice in Conflict

Sunday Morning, April 15

- Transformation  
 10:00 Alexander Bauer—The Pragmatic Semiotics of Cultural Heritage  
 10:15 Lawrence Coben—Community-Based Economic Development: Is It Pragmatic? Should It Be?

**[328] SYMPOSIUM ■ NATIVE AMERICAN SITES ARCHAEOLOGY IN THE MIDDLE ATLANTIC: CURRENT TOPICS AND CONTINUING INITIATIVES**

*(Sponsored by Middle Atlantic Archaeological Conference)*

**Room:** Washington Room 5

**Time:** 8:00 AM–10:45 AM

**Chairs:** Gregory Lattanzi and Carole Nash

**Participants:**

- 8:00 Kurt Carr—Paleoindian Research in the Middle Atlantic Region  
 8:15 Stephanie Sperling—The Pig Point Complex: 10,000 Years of Mid-Atlantic (Pre)History  
 8:30 Heather Wholey—Population in the Middle Atlantic Archaic: The Middle Atlantic Transect Approach  
 8:45 Gregory Lattanzi—The Abbott Farm National Historic Landmark: A Look into the Future  
 9:00 Charles Goode, Cynthia V. Goode, Thomas J. Loebel and Daniel P. Wagner—Subterranean Homesick Blues: Excavations at Site 51SE071, a Native American Settlement along the Anacostia River, Washington, D.C.  
 9:15 Elizabeth Moore—Fishing at the Beach: The Great Neck Site and an Examination of Subsistence Strategies on the Chesapeake Bay  
 9:30 Christopher Shephard and Martin Gallivan— Persistent Places, Enduring Objects: Ritualized Spaces and Things in the Powhatan Political World  
 9:45 Carole Nash—Soundscape and Place: Acoustic Archaeology in the Mountains of the Middle Atlantic  
 10:00 Justine McKnight—Current Middle Atlantic Paleoethnobotany  
 10:15 Elizabeth Crowell—Public Archaeology and Outreach in the Middle Atlantic Region  
 10:30 Questions and Answers

**[329] SYMPOSIUM ■ CHALLENGES AND ADVANCES IN THE ARCHAEOLOGY AND PALEOANTHROPOLOGY OF NON-MODERN HUMANS**

**Room:** Coolidge

**Time:** 8:00 AM–11:00 AM

**Chairs:** Jennifer French and Marc Kissel

**Participants:**

- 8:00 Jennifer French—Opening Remarks: The Archaeology and Palaeoanthropology of Non-modern Humans  
 8:15 Michael Petraglia—Acheulean Hominins and Out of Africa Dispersals: Challenges and Advances  
 8:30 Andrew Shuttleworth—Paleoanthropology and Pedagogy: Raising Horizons for the Next Generations  
 8:45 Hilary Duke and Sonia Harmand—Hilary Duke and Sonia Harmand—A New Approach to the Evolution of Early Pleistocene Hominin Cognition and Technological Change: Examining the Technological Context of LCT Emergence 1.8–1.76 Ma at Kokiselei, West Turkana, Kenya  
 9:00 David Clinnick—The First East-West Dichotomy?  
 9:15 Marc Kissel—Can We Talk about Modern Human Behavior in non-*Homo sapiens*?

Sunday Morning, April 15

- 9:30 Josie Mills—Assessing the Potential for Raw Material Profiling Studies in Modelling Neanderthal Behavioural Complexity
- 9:45 Radu Iovita—Behavioral Modernity (or Lack Thereof) and Its Reflection in Lithic Assemblages
- 10:00 Julien Riel-Salvatore and Allison Parrish—Acculturation and Its Discontents: Rethinking Models of Interpopulation Interaction during the Middle-Upper Paleolithic Transition
- 10:15 Penny Spikins and Gail Hitchens—An Emotional Challenge: What Can We Infer about Capacities for Social Emotions in Archaic Humans?
- 10:30 Questions and Answers
- 10:45 Fiona Coward—Discussant

**[330] SYMPOSIUM ■ THE PROYECTO COSTA ESCONDIDA: RECENT INTERDISCIPLINARY RESEARCH ALONG THE YUCATAN PENINSULA'S NORTH COAST**

**Room:** Harding

**Time:** 8:00 AM–11:00 AM

**Chairs:** Jeffrey B. Glover and Dominique Rissolo

**Participants:**

- 8:00 Roy Jaijel—The Geoarcheology of Vista Alegre
- 8:15 Patricia A. Beddows, Dominique Rissolo, Emiliano Monroy-Rios, Dominique Meyer and Beverly Goodman-Tchernov—Coastal Hydrogeological Context of Potable Water Sources of the Vista Alegre Maya Port Site, Yucatan Peninsula, Mexico
- 8:30 Dominique Meyer, Eric Lo, Danielle Mercure, Patricia A. Beddows and Dominique Rissolo—Thermal Identification of Groundwater Discharges within Saline Lagoons Surrounding Vista Alegre, Quintana Roo, Mexico
- 8:45 Elizabeth Ojeda Rodríguez and Jeffrey B. Glover—Uses of Different Species of Animals from Vista Alegre: A Zooarchaeological Analysis
- 9:00 Monica Rodriguez, Vera Tiesler, Jeffrey B. Glover and Dominique Rissolo—Living and Dying on the Fringes of the Sea. The Bioarchaeology and Archaeothanatology of the People of Vista Alegre, Quintana Roo, Mexico
- 9:15 Verna Gentil—Settlement Patterns at the Ancient Maya Port site of Conil
- 9:30 Carrie Tucker, Jeffrey B. Glover and Dominique Rissolo—A Tale of Two Ports: A Preliminary Assessment of Ceramic and Artifactual Assemblages from Conil and Vista Alegre
- 9:45 Zachary Hruby—Obsidian Trade at the Edge of the Maya World
- 10:00 Martha Adriana Saenz Serdio and Mikaela B. Razo—Los montículos de Conil: Excavaciones recientes en la costa norte de Quintana Roo, México
- 10:15 Ashuni Romero and Nelda Issa Marengo—Vista Alegre: The Architecture of a Coastal Site in Northern Quintana Roo, México
- 10:30 Jessica Moss—Photogrammetry Reconstructions of the Excavation Process: An Animated Georeferenced Approach
- 10:45 Questions and Answers

**[331] GENERAL SESSION ■ EDUCATION, CRM AND PUBLIC ARCHAEOLOGY**

**Room:** Wilson C

**Time:** 8:00 AM–11:00 AM

**Chair:** Erika Robrahn-Gonzalez

**Participants:**

- 8:00 Allison King—Living History in the Classroom: An Assessment of an Alternative Teaching Program

Sunday Morning, April 15

- 8:15 William Chadwick—Geophysical Survey as an Exercise in Applied Archaeological Education
- 8:30 Dagmara Zawadzka—Rock Art Out of Its Element? Exhibiting Places in Museums
- 8:45 Teresita Majewski and Kenneth Aitchison—What Did We Learn? SAA's Discovering the Archaeologists of the Americas Pilot Project
- 9:00 Jordon Loucks and Jessica Watson—Preservation in Peril: Patterns of Politics and Archaeology over the Past 100 Years
- 9:15 Erika Robrahn-Gonzalez—Building Societies of Knowledge
- 9:30 Alisa Pettitt and Sven Fuhrmann—Educational AR and VR Applications for the Interpretation of Archaeological Sites in Northern Virginia
- 9:45 Mackenzie Cory—Archaeological Field Schools Beyond Buzzwords: Engaging with Critical Pedagogy while Connecting with Administrative Goals
- 10:00 Kim Christensen—Countermapping, Data Visualization, and Archaeological Pedagogy: What Happened Here?
- 10:15 Briece Edwards, Jessica Curteman, Cheryl Pouley, Chris Bailey and David Harrelson—Privileged Knowledge and Perspectives: Tribal Archaeology of, by, and for a Community in Oregon
- 10:30 Brett Hill and Bernard Siquieros—Observations on Collaboration between O'dham and Hendrix Students
- 10:45 David Rogoff—Archaeological Use of Meta-analyses to Limit Researcher Bias: Results from El Coyote, Honduras

**[332] SYMPOSIUM ■ CRM ARCHAEOLOGY ON FEDERAL LANDS: NEW CONTRIBUTIONS AND UNIQUE MANAGEMENT STRATEGIES**

**Room:** Lincoln 3

**Time:** 8:00 AM–11:15 AM

**Chair:** Julie Esdale

**Participants:**

- 8:00 Questions and Answers
- 8:15 Julie Esdale, Ben Potter, Charles Holmes, Joshua Reuther and Holly McKinney—Interdisciplinary Studies at Delta River Overlook Site, a Late Pleistocene to Late Holocene Multicomponent Site in Central Alaska
- 8:30 Kelly Graf, Julie Esdale and Ted Goebel—2017 Excavations at McDonald Creek (FAI-2043), A Multicomponent, Open-Air Site in the Tanana Flats Training Area, Fort Wainwright, Central Alaska
- 8:45 Whitney McLaren and Julie Esdale—No Digging within 50 Meters
- 9:00 Bretton Giles, Eric Skov and Shannon Koerner—Prehistoric Use of the Wind Creek Locality at Fort Riley, Kansas
- 9:15 Shannon Koerner, Eric Skov and Bretton Giles—Eastern Plains Land Management and Archaeological Site Discovery Methods at Fort Riley, Kansas
- 9:30 Craig Dengel—New Beginnings at Fort Polk, Louisiana: CRM Strategies for the Expansion of Training Lands
- 9:45 Heather Walder, Daniel Contreras, Walker Good and Alexander Woods—Phase III Investigations of Three Archaeological Sites at Stillwell Crossing, Fort McCoy, Wisconsin
- 10:00 Joseph Herbert, Jonathan Schleier and William Feltz—Long Leaf, Fire and Hunter-Gatherers of the Carolina Sandhills
- 10:15 Reymundo Chapa and Roger Ciuffo—Applying Continuous Process Improvement Methodologies to Evaluate and Rebuild the Air National Guard Cultural Resources Management Program
- 10:30 Margaret Schulz and Laurie Rush—Staying Relevant:: Turning Your Sites from Blights to Rights

Sunday Morning, April 15

- 10:45 James Zeidler—Discussant  
 11:00 Jeffrey Altschul—Discussant

**[333] SYMPOSIUM ■ THE LEGACIES OF ARCHAEOLOGISTS IN THE ANDES****Room:** Washington Room 2**Time:** 8:00 AM–11:15 AM**Chairs:** Monica Barnes and Mario Rivera**Participants:**

- 8:00 David Chicoine, Gabriel Ramón and Martha Bell—The Berkeley Schools of Geography and Andean Studies  
 8:15 Monica Barnes and Sumru Aricanli—The Legacy of Andean Archaeologists from the American Museum of Natural History  
 8:30 John Janusek and Andrew Roddick—Adolph Bandelier's Legacy in the Lake Titicaca Basin: Tiwanaku and Qeya Ceramic Style  
 8:45 George Lau—Tello and Carrión Cachot on Recuay Culture: A Visual Archaeology  
 9:00 Walther Maradiegue—Images of the Living Past: 19th-Century Moche Archaeological Photographs and Everyday Indigeneity in the Northern Peruvian Andes  
 9:15 Neil Duncan and John Walker—Donald Lathrap, the Tropical Forest, and Hemispheric Archaeology  
 9:30 Miguel Aguilar Diaz and Nils Sulca Huarcaya—"Rimasinkuchun Amawtapaq: Luis Lumbreras y Ayacucho en la formación de la tradición científica de la arqueología andina"  
 9:45 William Mitchell—Working with Scotty: Perspectives on A Peripheral Paper Designed for the Ayacucho-Huanta Archaeological-Botanical Project  
 10:00 Katrina Bettcher and Lidio Valdez—The Archaeology of the Acari Valley and the Legacy of Francis Allen "Fritz" Riddell  
 10:15 Mario Rivera—The 1973 Seminar on the Lacustrine Kingdoms in the Titicaca Basin  
 10:30 Daniel H. Sandweiss—Discussant  
 10:45 Questions and Answers  
 11:00 John Walker and Neil Duncan—Donald Lathrap, the Tropical Forest, and Hemispheric Archaeology

**[334] SYMPOSIUM ■ GOVERNMENT, UNIVERSITIES, AND HERITAGE STEWARDSHIP: A STUDENT AND YOUNG PROFESSIONAL SYMPOSIUM****Room:** Lincoln 6**Time:** 8:00 AM–11:30 AM**Chair:** Joe Baker**Participants:**

- 8:00 Makensie Jones, Isabel Figueroa, Katherine Knothe and Maria C. Bruno—Archaeology at Camp Michaux: A Productive Collaboration between Dickinson College, Cumberland County Historical Society, and Governmental Agencies in Cumberland County, Pennsylvania  
 8:15 Clare Farrow, Jessica Conway and Haley Hoffman—The Pennsylvania Precontact Predictive Model  
 8:30 Zaakiyah Cua—Loyalhanna Lake: A Geoarchaeological Approach to Understanding the Archaeological Potential of Floodplains  
 8:45 Genevieve Everett—From Field School to Graduate School: How One Public Archaeology Program Has Made It All Possible

Sunday Morning, April 15

- 9:00 Christopher Swisher and Jonathan Burns—Investigations at the James Hatch Site and the Houserville Archaeological National Register District, Centre County, Pennsylvania: The Benefits of Collaboration between Institutes of Higher Learning and Government Agencies
- 9:15 Amanda Rasmussen—Fort Halifax Park: A Shared Heritage
- 9:30 Ross Owen—PennDOT Highway Archaeological Survey Team: Providing Immersive CRM Work Experience to Students
- 9:45 Katherine Peresolak—Partnerships for Heritage Stewardship
- 10:00 Matt Nelson—Comparing Two Archaeological Geographic Information Systems (GIS) Predictive Models: The Greater Yellowstone Ecosystem versus the Pinelands, New Jersey
- 10:15 Justin Pfau, Scott Gajewski, Matt Nelson, Cathy Jo Beecher and Douglas MacDonald—Archaeology at Warren Grove Guntery Range, Pine Barrens, Burlington County, New Jersey
- 10:30 Rebecca Renteria—Community Archaeology Starting Young: Local High School Engagement in Tucson, Arizona
- 10:45 Mike Whitehead, Matt Bjorkman and Ben Ford—Recent Archaeology at Fort Necessity National Battlefield: A Cooperative Approach to Cultural Resource Management
- 11:00 Joe Baker—Discussant
- 11:15 Questions and Answers

**[335] SYMPOSIUM ■ REGIONAL INTERACTION DURING THE ANDEAN MIDDLE HORIZON: ONGOING RESEARCH IN THE PERUVIAN SOUTH COAST AND YUNGAS**

**Room:** Washington Room 4

**Time:** 8:00 AM–11:45 AM

**Chairs:** Beth Scaffidi and Stefanie Bautista

**Participants:**

- 8:00 Sara Morrisset, David Beresford-Jones and George Chauca—Echoes in the Wake of Collapse: Cultural Connectivity during the Middle Horizon to Late Intermediate Period in the Lower Ica Valley, Peru
- 8:15 Christina Conlee—Nasca-Wari Relationships on the Greater Peruvian South Coast
- 8:30 Abby Baka, Sarah Baitzel and David Browman—Settlement Patterns in the Upper Mantaro Valley Revisited: Assessing the Effects of Wari State Expansion on the Central Andes during the Middle Horizon (A.D. 500–1000)
- 8:45 Matt Edwards and Weston McCool—Corridors of Conquest: The Nasca Headwaters during the Middle Horizon
- 9:00 Silvana Rosenfeld and Megan Street—The South Coast and Yungas as Seen from the Highlands during the Middle Horizon
- 9:15 Katharina Schreiber—Discussant
- 9:30 Matthew Sayre, Aaron Mayer, Corina Kellner and Justin Jennings—Ritual Foods Compared with Daily Diet at Tenahaha in the Cotahuasi Valley during the Andean Middle Horizon
- 9:45 Beth Scaffidi—Violent Ritual and Inter-regional Interaction during the Early Intermediate Period and Early Middle Horizon in the Majes Valley, Arequipa, Peru
- 10:00 Stefanie Bautista, Justin Jennings and Willy Yépez—Quilcapampa: A Wari Colony on an Interregional Trail on the Coast of Southern Peru
- 10:15 Jo Burkholder—Continuity and Change: What the Late Intermediate Period at Pisanay Can Tell Us about Middle Horizon Arequipa

Sunday Morning, April 15

- 10:30 Maria Lozada, Kristie Sanchez, Rex Haydon, Hans Barnard and Augusto Cardona—The Ramada Mortuary Tradition: At the Crossroads of Nasca and Wari in the Vitor Valley, Southern Peru
- 10:45 Hans Barnard, Maria Lozada and Augusto Cardona Rosas—Analysis of the Ancient Built Environment of the Millo Complex, Vitor Valley, Peru
- 11:00 Sara L. Juengst, David Hansen, Sergio Chavez and Stanislava Chavez—Across the Lake: Interregional Connections with the Tiwanaku Occupation of Copacabana
- 11:15 Justin Jennings—Discussant
- 11:30 Anita Cook—Discussant

**[336] SYMPOSIUM ■ HILLS, VALLEYS, AND PLATEAUS: EXPLORING HUMAN LANDSCAPE OF MOUNTAINOUS REGIONS IN EAST AND CENTRAL ASIA**

**Room:** Washington Room 3

**Time:** 8:00 AM–11:45 AM

**Chairs:** Xinyi Liu and Hongliang Lu

**Participants:**

- 8:00 Xinyi Liu—Discussant
- 8:15 Wei Huo—Recent Archaeological Discoveries in Tibet and the 'Plateau Silk Road'
- 8:30 Yingfu Li—Mineral Resources and Metallurgical Technologies along the Southern Silk Road
- 8:45 Jixiang Song—Prehistoric Agriculture in South Tibet: Archaeobotanical Perspective from Bangga Site
- 9:00 Jian Xu—Formation of Early State in Highland Southwest China: Rethinking Yelang Culture
- 9:15 Tristram Kidder—Discussant
- 9:30 Paula Dupuy—The Role of Pastoralists and 'Operational Complexity' in Shaping the Materiality of Trans-Eurasian Exchange
- 9:45 Xinzhou Chen—Material Assemblage and Social Changes in Central Tibet, the Second and the First Millennium B.C.
- 10:00 Giedre Motuzaite Matuzeviciute—Geographical Margins as Key to Understanding Crop Dispersal Mechanisms in Prehistory: Case Study for Kyrgyzstan
- 10:15 Michael Frachetti—Discussant
- 10:30 Rachel Reid and Xinyi Liu—Meat or Grains: Compound Specific Carbon Isotope Analysis along the Northern Edge of the Tibetan Plateau
- 10:45 Zhengwei Zhang—The Making of Agro-pastoral Landscape of the Tibetan Plateau: A Zooarchaeological Perspective
- 11:00 Yufeng Sun—Crop Processing in the Lower Yellow River Valley: From Known to Unknown
- 11:15 Ximena Lemoine—Neolithic Pigs and People along China's Fertile Arc: Regional Expression and Domestication
- 11:30 Hongliang Lu—Discussant

Sunday Morning, April 15**[337] SYMPOSIUM ■ LA CORONA ARCHAEOLOGICAL PROJECT: TEN YEARS OF RESEARCH IN NORTHWESTERN PETEN, GUATEMALA****Room:** Lincoln 5**Time:** 8:00 AM–11:45 AM**Chairs:** Marcello Canuto and Tomas Barrientos**Participants:**

- 8:00 Marcello Canuto and Luke Auld-Thomas—Preliminary LiDAR-based Analyses of the La Corona – El Achiotal Corridor
- 8:15 Luke Auld-Thomas—El Achiotal in Context: Settlement and Geopolitics in the Northwest Peten, Guatemala
- 8:30 Ernesto Arredondo—Excavations at El Achiotal: Changing Political and Religious Institutions Reflected in Architecture
- 8:45 David Chatelain—A Millennium of Sociopolitical Transitions in the PRALC Region: The View from La Cariba
- 9:00 David Stuart and Marc Zender—Epigraphy and History at La Corona
- 9:15 José Bustamante—Early Political Changes in La Corona: Architecture and Function in the Palace Complex
- 9:30 Rubén Morales Forte and Maxime Lamoureux St-Hilaire—The Architecture of the Classic Maya Regal Palace of La Corona, Guatemala
- 9:45 Maxime Lamoureux St-Hilaire—An Empirical Study of the Economy of the Classic Maya Regal Palace of La Corona, Guatemala
- 10:00 Tomas Barrientos, Marcello Canuto and Joanne Baron—Charismatic and Religious Aspects of Maya Rulership: An Interpretation of the Coronitas Temple Complex of La Corona
- 10:15 Jocelyne Ponce, Erin Patterson and Clarissa Cagnato—From Ritual to Domestic in a Shifting Political Landscape: Excavations in the Coronitas Group at La Corona, Guatemala
- 10:30 Caroline Parris—Middens, Caches, and Burials: Contextualizing the Ceramic Assemblage of La Corona
- 10:45 Erin Patterson—The Bioarchaeology of La Corona, Guatemala
- 11:00 Diana Fridberg—The Zooarchaeology of La Corona: Sustenance and Symbol
- 11:15 Simon Martin—Discussant
- 11:30 Arthur Demarest—Discussant

**[337a] SYMPOSIUM ■ REPATRIATION UNDER THE NMAI ACT AT THE NATIONAL MUSEUM OF NATURAL HISTORY, SMITHSONIAN INSTITUTION****Room:** Madison B**Time:** 9:30 AM–11:00 AM**Chair:** William Billeck**Participants:**

- 9:30 William Billeck—Repatriation at the National Museum of Natural History, Smithsonian Institution
- 9:45 Dorothy Lippert—How the NMNH Rises to the Challenge of Using the Best Available Documentation for Repatriation
- 10:00 Meredith Luze—Applying pXRF Technology to Repatriation at the National Museum of Natural History
- 10:15 Chris Dudar—Contributions of Osteological Evidence to Repatriation Assessments
- 10:30 Eric Hollinger—Beyond Repatriation at the Smithsonian's National Museum of Natural History
- 10:45 Jacqueline Cook—Discussant

Sunday Morning, April 15**[337b] SYMPOSIUM ■ AFRICAN DIASPORA ARCHAEOLOGY****Room:** Jefferson**Time:** 9:30 AM–11:15 AM**Chair:** William Schaffer**Participants:**

- 9:30 Aribidesi Usman—A Report of 2017 Archaeological Investigation at Okete-Kakini Palace Precinct, Idah, Niger-Benue Confluence, Nigeria
- 9:45 William Schaffer, Emmanuel Agorsah, Kalina Kassadjikova, Lars Fehren-Schmitz and Kelly Harkins—Mitochondrial DNA Results from the Kormantse Archaeological Research Project
- 10:00 Emmanuel Agorsah—Historic Kormantse in the Formation of the African Diaspora in the Americas: Migration Routes
- 10:15 J. Cameron Monroe—Towards an Archaeology of Black Atlantic Sovereignty: Materializing Political Agency in the Kingdoms of Dahomey and Haiti
- 10:30 Jay Haviser—Legacies of Syncretism and Cognition: African and European Religious and Aesthetic Expressions in the Caribbean
- 10:45 Grace Turner—The Struggle to Maintain an African Cultural Identity: The Case of the Bahamas
- 11:00 Kalina Kassadjikova, Kelly Harkins and Lars Fehren-Schmitz—Ancestry and Heritage at a South Carolina Rice Plantation

**[337c] FORUM ■ NAGPRA MATTERS: REFLECTIONS FROM EMERGING PROFESSIONALS****Room:** Jackson**Time:** 9:30 AM–11:30 AM**Moderator:** Jessie Ryker-Crawford**Participants:**

- Erin Donovan—Discussant
- Leslie Drane—Discussant
- Valentina Herrera—Discussant
- Ricardo Higelin Ponce de León —Discussant
- Catherine Smith—Discussant
- Davina Two Bears—Discussant

**[338] SYMPOSIUM ■ STRIVING TOWARD EQUITY AND SECURITY IN ARCHAEOLOGY: ADDRESSING TITLE IX THROUGHOUT OUR DISCIPLINE****Room:** McKinley**Time:** 10:15 AM - 12:00 PM**Chairs:** Sarah Nowell and Kristen Barnett**Participants:**

- 10:15 Gwen Lexow—Equity in the Academy and in Archeology
- 10:30 Beth Alpert Nakhai—Gender-Based Violence and Discrimination in Middle Eastern and North African Fieldwork
- 10:45 Trinity Schlegel—Prioritizing Title IX in Private Cultural Resource Management
- 11:00 Karly Law—Student Safety and Experience in Archaeology: Building a Diverse Future
- 11:15 Kirsten Green and Meradeth Snow—Title IX from a Researcher's Perspective
- 11:30 Diane Gifford-Gonzalez—SAA's Efforts to Create a More Inclusive Climate: Educating to Prevent Sexually Motivated and Other Forms of Harassment and Violence
- 11:45 Kristen Barnett—Discussant

### SAA Awards, Scholarships, and Fellowships

#### AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS

Established in 2001, this award recognizes the excellence of an archaeologist whose innovative and enduring research has made a significant impact on the discipline. Nominees are evaluated on their demonstrated ability to successfully create an interpretive bridge between good ideas, empirical evidence, research, and analysis. This award now subsumes three themes presented on a cyclical basis: (1) an Unrestricted or General Category, (2) Lithic Analysis, and (3) Ceramic Analysis.

2001	George L. Cowgill
2002	Robin Torrence
2003	Carol Kramer ( <i>posthumous</i> ) Hector Neff
2004	David Lewis-Williams
2005	George H. Odell
2006	Michael Brian Schiffer
2007	Robert L. Bettinger
2008	William Andrefsky, Jr.
2009	Judith Habicht-Mauche
2010	Timothy A. Kohler
2011	Steven Shackley
2012	James Skibo
2013	Gayle Fritz
2014	Harold Lewis Dibble
2015	Barbara J. Mills
2016	Barbara Voorhies
2017	Steven Kuhn

#### ARTHUR C. PARKER SCHOLARSHIP

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada. The scholarship is named in honor of SAA's first president, Arthur C. Parker, who was of Seneca ancestry.

1998	Angela J. Neller
1999	Iwalani Ching
2000	Randy Thompson
2001	Cynthia Williams
2002	Nola Markey
2003	Kalewa Skye Arie Correa
2004	Sean P. Naleimaile
2005	Larae Buckskin
2006	Malia Kapuanalani Evans-Mason
2007	Ora Marek
2008	Marie Sina Faatuala

2009	Travis Maki
2010	Paulette Faith Steeves
2011	Kamakana Christian Ferreira
2012	Ashleigh Thompson
2013	Rebecca Heidenreich
2014	The Navajo Nation Archaeology Department
2015	Brittney Diesbourg
2016	Beau Duke Carroll
2017	Lawrence Shaffer

#### BOOK AWARD

Established in 1995 to honor a recently published book that has had, or is expected to have, a major impact on the direction and character of archaeological research. The prize was awarded for the first time at the 61st Annual Meeting.

1996	Mary C. Stiner
1997	Bruce D. Smith Carmel Schrire
1998	Tom D. Dillehay Stephen Plog
1999	Mark Lehner Jon Muller
2000	Clive Gamble
2001	William W. Fitzhugh Elisabeth I. Ward
2002	Lewis Binford Anne-Marie Cantwell & Diana DiZerega Wall
2003	Kathleen Deagan & José María Cruxent Thomas F. King, Randall S. Jacobson, Karen Ramey Burns & Kenton Spading
2004	Brian Fagan T.J. (Tony) Wilkinson
2005	Susan Toby Evans Kelley Hays-Gilpin
2006	Peter Bellwood James E. Bruseeth & Toni S. Turner Kristian Kristiansen & Thomas B. Larsson
2007	Bradley T. Leppe
2008	Tom Dillehay James W. Bradley
2009	Lothar Von Falkenhausen Jack Brink
2010	David W. Anthony Rebecca Yamin
2011	Vernon James Knight Jr. Steven Simms
2012	Matthew Richard Des Lauriers Terry Hunt

- 2013 Carl L. Lipo  
Elizabeth Arkush  
Patrick Kirch
- 2014 Michael L. Galaty  
Ols Lafe  
Wayne E. Lee  
Zamir Tafilica  
Jerry D. Moore
- 2015 Dimitra Papagianni &  
Michael A. Morse  
Steven A. Wernke
- 2016 Miranda Aldhouse-Green  
Robert Bettinger  
Guolong Lai
- 2017 Michael E. Smith  
Carolyn E. Boyd  
Enrique Rodriguez-Alegria

**AWARD FOR EXCELLENCE IN CERAMIC STUDIES**

Initiated in 1994 to recognize excellence by an archaeologist whose innovative Research or repeated and enduring contributions have advanced archaeology. (*Succeeded in 2001 by the Award for Excellence in Archaeological Analysis*)

- 1994 Patricia L. Crown  
William A. Longacre
- 1995 Frederick Matson  
Prudence Rice
- 1996 Dean E. Arnold
- 1997 Ronald Bishop  
James Hill
- 1998 Robert L. Rands
- 1999 Warren R. DeBoer
- 2000 Owen Rye

**CHERYL L. WASE MEMORIAL SCHOLARSHIP**

Archaeologist Cheryl L. Wase spent most of her career working in the high deserts of New Mexico. She died at the too-young age of 53 in 2004. When her mother, Jane Francy Wase, passed away in 2013, she left a bequest to the Society for American Archaeology to endow a memorial scholarship in her daughter's name. This generous memorial bequest brings together three major themes that defined Cheryl Wase's life: her dedication to archaeology, her love for New Mexico, and her constant willingness to help and support other women. The Wase Scholarship offers continuing support to eligible students. Listed below are each year's new recipients.

- 2016 Kayla Brown  
Keighley Hastings  
Kailey Martinez

- 2017 Samantha Ascoli  
Esmeralda Ferrales  
Eden Franz  
Carol Woodland

**CRABTREE AWARD**

Established in 1985 to recognize significant contributions to archaeology in the Americas made by an individual who has had little if any formal training in archaeology and little if any wage or salary as an archaeologist. The award is named after Don Crabtree of Twin Falls, Idaho, who made significant contributions to the study of lithic technology and whose dedication to archaeology was a lifelong personal and financial commitment.

- 1985 Clarence H. Webb, MD
- 1987 Leonard W. Blake
- 1988 Julian Dodge Hayden
- 1989 J. B. Sollberger
- 1990 Ben C. McCary
- 1991 James Pendergast
- 1992 Stuart W. Conner
- 1993 Mary Elizabeth Good
- 1994 Leland W. Patterson
- 1995 Jeff Carskadden
- 1996 James H. Word
- 1997 Sidney Merrick Wheeler  
(*posthumous*) & Georgia Nancy  
Wheeler Felts
- 1998 Reca Jones
- 1999 Gene L. Titmus
- 2000 Richard P. Mason
- 2001 John D. "Jack" Holland
- 2002 Richard A. Bice
- 2003 Dr. Guillermo Mata Amado
- 2004 Robert Patten
- 2005 Eugene C. Winter, Jr.
- 2006 Karl Herbert Mayer
- 2007 Jay C. Blaine
- 2009 Paul Tanner
- 2010 Larry Kinsella
- 2011 George Poetschat
- 2012 John T. Dowd
- 2013 Edward and Diane Stasack
- 2014 Francis H. "Frankie" Snow
- 2015 Tom Middlebrook
- 2016 Steven Freers
- 2017 Daniel Wendt

**AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT**

Established in 1994 to recognize lifetime contributions and special achievements by an archaeologist in one of three areas: program administration and management, site

preservation, and research. Each year the award is given in one area on a rotating basis.

1994	Hester A. Davis
1995	Lawrence E. Aten
	Calvin R. Cummings
	Shereen Lerner
1995	Charles R. McGimsey III
1996	William R. Hildebrandt
1997	James J. Miller
1998	David A. Frederickson
1999	David G. Anderson
2000	Robert Jackson
2002	Laurence W. Spanne
2003	John Milner Associates & The General Services Administration
2004	Linda Mayro
2005	Arizona Site Steward Program
2007	George Smith
2008	John Walthall
2009	Mike Beckes
2010	William H. Doelle
2011	Nelly Robles Garcia
2013	Henry D. Wallace
2014	Mark Michel
2016	Tom Emerson
2017	Jeffery Franz Burton

#### **AWARD FOR EXCELLENCE IN CURATION, COLLECTIONS MANAGEMENT, AND COLLECTIONS**

This award recognizes outstanding efforts and advancements in the curation, management, and use of archaeological collections for research, publication, and/or public education. This award subsumes four themes presented on a cyclical basis.

2016	The U.S. Army Corps of Engineers Mandatory Center of Expertise for the Curation and Management of Archaeological Collections
2017	JOHN P. HART

#### **DENJE KENYON MEMORIAL FELLOWSHIP**

The Denje Kenyon Memorial Fellowship is presented in support of research by women students in the early stages of their archaeological training. It is presented in honor of Denje Kenyon and was awarded for the first time in 2000.

2000	Rhonda Bathurst
2001	Briana Pobiner
2002	Elizabeth Espy
2003	Elizabeth Arnold
2004	Jamie Clark

2005	Michelle LeFebvre
2006	Sarah Elizabeth Mistak
2007	Jennifer L. Henecke
2008	Sarah G. Bergh
2009	Kayla L. Pettit
2010	Ashley Sharpe
2011	Carla Hadden
2012	Angela R. Perri
2013	Shoshana Rosenberg
2014	Sarah Raffae MacIntosh
2015	Allison L. Wolfe
2016	Arianne Boileau
2017	Kate Tardio

#### **DISSERTATION AWARD**

Presented to an archaeologist just entering the profession whose doctoral dissertation is judged to be particularly outstanding. The prize consists of three-year membership in the society.

1988	Judith A. Habicht Mauche (Harvard Univ)
1990	David J. Bernstein (SUNY-Binghamton)
1991	David Anderson (Univ of Michigan)
1992	Lynette C. Norr (Univ of Illinois)
1993	Cathy Lebo (Indiana Univ)
1994	Mary Van Buren (Univ of Arizona)
1995	David R. Abbott (Arizona State Univ)
1996	Daniel R. Finamore (Boston Univ)
1997	Alvaro Higuera-Hare (Univ of Pittsburgh)
1998	Mark D. Varien (Arizona State Univ)
1999	Karen G. Harry (Univ of Arizona)
2000	Alex Barker (Univ of Michigan)
2001	Andrew I. L. Duff (Arizona State Univ)
2002	Silvia R. Kembel (Stanford Univ)
2003	Wesley Bernardini (Arizona State Univ.)
2004	Ian G. Robertson (Arizona State Univ)
2005	Severin M. Fowles (Univ of Michigan)
2006	Elisabeth Hildebrand (Washington Univ)

- 2007 Matthew Liebmann  
(Univ of Pennsylvania)
- 2008 Kevin D. Fisher  
(Univ of Toronto)
- 2009 Timothy C. Messner  
(Temple Univ)
- 2010 Sarah Clayton  
(Arizona State Univ)
- 2011 Scott G. Ortman  
(Arizona State Univ)
- 2012 Christopher Morehart  
(Northwestern Univ)
- 2013 Amanda Logan  
(Univ of Michigan)
- 2014 Matthew A. Peeples  
(Arizona State Univ)
- 2015 Alan Farahani  
(Univ of California, Berkeley)
- 2016 Guy David Hepp  
(Univ of Colorado, Boulder)
- 2017 Bernadette Cap  
(University of Wisconsin-Madison)

**DISTINGUISHED SERVICE AWARD**

*(Succeeded by the Lifetime Achievement Award in 2001)*

Presented annually to a member for specific accomplishments that are truly extraordinary, widely recognized as such, and of a positive and lasting quality. Recognition can be granted in a wide range of areas relating to archaeology. First awarded in 1975, SAA decided in 1980 to make the award on an annual basis.

- 1975 Carl Haley Chapman  
Charles Robert McGimsey III
- 1980 Gordon Randolph Willey
- 1981 Albert Clanton Spaulding
- 1982 Jesse David Jennings
- 1983 Hannah Marie Wormington
- 1984 James Bennett Griffin
- 1985 Emil Walter Haury
- 1986 Waldo R. Wedel
- 1987 William A. Ritchie
- 1988 Richard B. Woodbury  
Nathalie F. S. Woodbury
- 1989 George Irving Quimby
- 1990 Fred Wendorf
- 1991 Douglas Schwartz
- 1992 John E. Yellen
- 1993 George J. Gumerman
- 1994 Hester A. Davis
- 1995 Stuart Struever
- 1996 Robert McCormick Adams
- 1997 Dena Dincauze

- 1998 Raymond H. Thompson
- 1999 James A. Brown
- 2000 William D. Lipe

**DOUGLAS C. KELLOGG FUND FOR  
GEOARCHAEOLOGICAL RESEARCH**

Under the auspices of the Society for American Archaeology's Geoarchaeology Interest Group, family, friends, and close associates of Douglas C. Kellogg formed a memorial fund in his honor. The fund will provide support of thesis or dissertation research, with emphasis on the field and/or laboratory parts of this research, for graduate students in the earth sciences and archaeology.

- 2003 Aleksander Borejsza
- 2005 Ian Buvitt
- 2006 Heidi Luchsinger
- 2007 Katherine A. Adelsberger
- 2008 Kurt Rademaker
- 2009 Benjamin R. Vining
- 2011 Teresa Wriston
- 2012 Joe D. Collins, Jr.
- 2013 Craig Fertelmes
- 2014 Michael Aiualasit
- 2015 Bryn Letham
- 2016 Jennifer Kielhofer
- 2017 Justin Nels Carlson

**ETHICS BOWL RECIPIENTS**

Initiated in 2004, the Ethics Bowl is a festive, debate-style competition for students to explore the ethics of archaeological practice. The Ethics Bowl trophy is awarded each year to the team of students that responds to hypothetical dilemmas with the clearest intelligibility, depth, focus, and judgment.

- 2004 Indiana University/University of Nevada-Reno
- 2005 University of Arizona
- 2006 San Diego State University
- 2007 Brown University
- 2008 University of California-Berkeley
- 2009 Texas A&M
- 2010 Brown University
- 2011 University of California-Santa Barbara
- 2012 Northern Arizona University
- 2013 University of California-Berkeley
- 2014 University of California-Berkeley
- 2015 Hiatus
- 2016 University of Georgia
- 2017 University of Puerto Rico/University California San Diego

**FRED PLOG MEMORIAL FELLOWSHIP**

The Fred Plog Memorial Fellowship is named for a major archaeologist in Southwest research who also was an inspiring teacher.

1999	Sarah Herr
2001	Deborah Huntley
2005	Greg Schachner
2007	Michael Mathiowetz Todd Pitezel
2008	Deanna Grimstead
2009	Samuel Duwe
2010	Matthew Peeples
2011	William Reitze
2012	Joshua Watts
2013	Katherine Dungan
2014	Christopher W. Merriman Kathryn J. Putsavage
2015	Saul L. Hedquist
2016	Jacob Lulewicz
2017	Katelyn Bishop

**FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH**

Initiated in 1977 to specially recognize interdisciplinary excellence by a distinguished scientist, who need not be an archaeologist but whose research has contributed significantly to American archaeology. Each year the award is based on practice in one of five disciplines: earth sciences, physical sciences, general interdisciplinary studies, zoological sciences, and botanical sciences. The award, which consists of a citation and a medallion, was named in memory of Roald Fryxell, whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology.

1978	C. Vance Haynes
1979	Peter J. Mehringer
1980	James B. Griffin
1981	Karl W. Butzer
1982	David J. Baerreis
1983	John E. Guilday ( <i>posthumous</i> )
1985	Roger T. Saucier
1986	Donald K. Grayson
1987	Richard I. Ford
1988	David M. Hopkins
1989	Joseph B. Lambert
1990	Patty Jo Watson
1991	Paul W. Parmalee
1992	Richard Yarnell
1993	Herbert E. Wright Jr.
1994	Garman Harbottle
1995	Robert J. Braidwood

1996	Elizabeth S. Wing
1997	Vorsila L. Bohrer
1998	John W. Weymouth
1999	Henry P. Schwarcz
2000	Richard S. MacNeish
2001	Melinda A. Zeder
2002	Deborah M. Pearsall
2003	George Rapp
2004	R.E. Taylor
2005	Bruce D. Smith
2006	Oscar Polaco Ramos
2007	Vaughn M. Bryant
2008	Paul Goldberg
2009	Michael D. Glascock
2010	Jane Buikstra
2011	R. Lee Lyman
2012	Christine Hastorf
2013	Anthony Aveni
2014	Marvin W. Rowe
2015	David Hurst Thomas
2016	Elizabeth J. Reitz
2017	Naomi Frances Miller

**GENE S. STUART AWARD**

Initiated in 1994 to enhance public understanding of archaeology and given each year for the best newspaper article or series focusing on archaeology. The award is named in honor of Gene Strickland Stuart, a writer and managing editor of National Geographic Society books who devoted her career to the presentation and interpretation of archaeology in a number of award-winning popular books.

1994	Scott LaFee ( <i>San Diego Union-Tribune</i> )
1995	Nathan Seppa ( <i>Wisconsin State Journal</i> )
1996	Matt Crenson ( <i>Dallas Morning News</i> )
1997	(no award)
1998	Diedtra Henderson ( <i>Seattle Times</i> )
1999	William Mullen ( <i>Chicago Tribune</i> )
2000	Frank Roylance ( <i>Baltimore Sun</i> )
2001	Mike Toner ( <i>The Atlanta Journal-Constitution</i> )
2002	Chip Minty ( <i>The Daily Oklahoman</i> )
2004	Alexandra Witze ( <i>Dallas Morning News</i> )
2005	Marion Lloyd ( <i>Chronicle of Higher Education</i> )
2006	Andrew Petkovsky
2007	Richard L. Hill
2008	Tom Avril ( <i>Philadelphia Enquirer</i> )
2009	Andrew Lawler ( <i>Science Magazine</i> )
2010	Andrea Cooper ( <i>freelance</i> )

- 2011 Dan Vergano (*USA Today*)  
 2012 Mike Toner (*American Archaeology*)  
 2013 Julian Smith (*American Archaeology*)  
 2014 Ann Gibbons (*Science Magazine*)  
 2015 Andrew Lawler (*Science Magazine*)  
 2016 Tamara Stewart (*American Archaeology*)  
 2017 Elizabeth Svoboda (*SAPIENS*)

#### AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY

Initiated in 2010 to recognize an individual who has made a lasting and significant contribution to the practice of archaeology and/or to the construction of archaeological knowledge in Latin America or the Caribbean.

- 2011 Jeremy A. Sabloff  
 2013 Luis Guillermo Lumbreras Salcedo  
 2014 Luis Alberto Borrero  
 2015 Jeffrey Parsons  
 2016 Robert D. Drennan

#### GEOARCHAEOLOGY INTEREST GROUP MA/MS RESEARCH AWARD

The Geoarchaeology Interest Group MA/MS Research Award provides support for thesis research, with emphasis on the field and/or laboratory aspects, for graduate students in the earth sciences and archaeology. (Succeeded in 2017 by the Paul Goldberg Award.)

- 2014 Brendan S. Fenerty  
 2015 Alexander Delgado  
 2016 Kendal R. Jackson

#### HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP

The SAA Historically Underrepresented Groups Scholarship (HUGS) helps increase the number of underrepresented minorities obtaining degrees in archaeology. It provides funding to minority archaeology students, helping them enhance their education and successfully prepare for a variety of careers in archaeology and heritage management. The scholarship is overseen by the Minority Scholarships Committee of the SAA.

- 2015 Gabriel Sanchez  
 Dania Jordan  
 Sameen Mansoor  
 2016 Milena Carvalho  
 Danielle Huerta  
 Raghdha El-Behaedi  
 Lisa Small  
 2017 Lorraine Hu  
 Kristina Lee  
 Jasmine Lee  
 Hope Loiselle  
 Erik Marinkovich  
 Deja Santiago

#### LIFETIME ACHIEVEMENT AWARD

(formerly the Distinguished Service Award)  
 The Lifetime Achievement Award is presented annually in recognition of a member who has performed truly extraordinary service of positive and lasting quality to the Society for American Archaeology or to the profession as a whole.

- 2001 Jeffrey S. Dean  
 2002 Jaime Litvak King  
 2003 Don D. Fowler  
 2004 Ian Graham  
 2005 George Carr Frison  
 2006 Bruce Trigger  
 2007 Frank Hole  
 2008 Lewis R. Binford  
 2009 Linda Cordell  
 2010 Patty Jo Watson  
 2011 W. Raymond Wood  
 2012 Bennie C. Keel  
 2013 Henry Wright  
 2014 Jeremy Sabloff  
 2015 Bruce D. Smith  
 2016 Margaret W. Conkey  
 2017 David Hurst Thomas

#### AWARD FOR EXCELLENCE IN LITHIC STUDIES

Established in 1994 to recognize excellence by an archaeologist whose innovative research or repeated and enduring contributions have contributed significantly to archaeology. (Succeeded in 2001 by the Award for Excellence in Archaeological Analysis)

- 1994 John Witthoft (*posthumous*)  
 1995 Harry J. Shafer  
 Lawrence Keeley  
 1996 Jay K. Johnson  
 1998 Kenneth Hirth  
 1999 Barbara E. Luedtke  
 2000 Tom Hester

**NATIONAL SCIENCE FOUNDATION  
SCHOLARSHIPS FOR ARCHAEOLOGICAL  
TRAINING FOR NATIVE AMERICANS AND  
NATIVE HAWAIIANS**

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada.

- 1999 Lokelani H. Aipa  
Frank Mt. Pleasant  
Leslie Awong
- 2000 Leander Lucero  
Amada Rockman  
Lahela Perry
- 2001 Bonnie Lee Dziadasek  
Desiree Martinez  
Blair First Rider
- 2002 Deona Naboa  
Natalie Ball  
Tracy Pierre
- 2003 Michael Garcia  
Gordon C. Moore  
Carley Kaleo Veary  
Scott T. Kikilo
- 2005 Lizatine A. Tsosie  
Laurie Shead  
Denny Gayton
- 2006 Vera Asp  
Ashley Layne Atkins  
Joey Condit  
Elizabeth Lein'Ala Kahave  
Roberta Lynn Thomas
- 2007 Tracey Pierre
- 2008 Na'Lilma Ahuna  
Simon Solomon
- 2009 Shianne Sebastian  
Ira K. Matt  
Wesley D. Miles
- 2010 Wesley D. Miles  
Simon Arthur Solomon  
Elijah Sanderson
- 2011 Robert James David  
Kevin J. Brown  
Liana Staci Hesler
- 2012 Joshua Castleman  
Joel Nicholas  
Autumn Whiteway
- 2013 Alyssa Christine Bader  
Dylan Ray Jennings  
Susan Marylouise Peone
- 2014 Alicia Mary Olea
- 2015 Alicia Gooden  
Kristen Green  
Anita Johnson-Henke

- Regina Mad Plume  
Peter Nelson
- 2016 Regina Hilo  
Kristyn Hara
- 2017 Patrick Burt  
Michele Brownlee  
Erin Renn

**NATIVE AMERICAN GRADUATE ARCHAEOLOGY  
SCHOLARSHIP**

This scholarship supports graduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment and childcare (up to \$10,000).

- 2010 Ashley Lane Atkins
- 2011 Frank James Raslich
- 2012 Nicholas Laluk
- 2013 Davina Two Bears
- 2014 Joseph Aguilar
- 2015 Garrett W. Briggs
- 2016 Antonio Villasenor- Marchal
- 2017 Regina K. Hilo

**NATIVE AMERICAN UNDERGRADUATE  
ARCHAEOLOGY SCHOLARSHIP**

This scholarship supports undergraduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment and childcare (up to \$5,000).

- 2010 Vanessa T. Cabrera
- 2011 Garrett W. Briggs
- 2012 Laura Jane Brandon
- 2013 Chi R. Woodrich
- 2014 Anita Fells
- 2015 Grey Don Johnson
- 2016 Jair Boro Munduruku
- 2017 Jamie Stevens

**Paul Goldberg Award**

*(FORMERLY THE GEOARCHAEOLOGY INTEREST  
GROUP MA/MS RESEARCH AWARD)*

The Paul Goldberg Award provides support for thesis research, with emphasis on the field and/or laboratory aspects, for graduate students in the earth sciences and archaeology.

- 2017 Heidi Van Etten

**POSTER AWARD**

Presented to promote interest and acceptance of the poster in the dissemination of archaeological research, to increase the quality of Poster presentations, and to acknowledge the very best accomplishments in this valuable medium. The award, initiated at the 58th Annual Meeting in 1993, is given in two categories: student and professional/non-student. As of 2008, only the student category continued; the professional category was sunsetted.

- 1993 Cynthia Herhahn (*Student*)  
Virginia Butler & James Chatters (*Professional*)
- 1994 Alanah J. Woody (*Student*)  
George R. Miller & James S. Oliver (*Professional*)  
Dennis E. Lewarch & Laura S. Phillips (*organizers, Outstanding Poster Symposium*)
- 1995 Tim Hunt, Mark Madsen & Carl Lipo (*Student*)  
Brenda J. Baker & Maria A. Liston (*Professional*)
- 1996 Clinton C. Hoffman (*Student*)  
Adam King (*Student*)  
Stephen H. Lekson (*Professional*)
- 1997 Anastasia Steffen, Rita Moots Skinner & Ann F. Ramenofsky (*Student*)  
Judith A. Habicht-Mauche, A Russell Flegal, Stephen Glenn & Horner Milford (*Professional*)
- 1998 Lisa Nagaoka (*Student*)  
Shannon P. McPherron & Harold L. Dibble (*Professional*)
- 1999 Diana Greenlee, Robert C. Dunnell, Terry Hunt & Michael Pfeffer (*Student*)  
Neal H. Lopinot & Jack H. Ray (*Professional*)
- 2000 Diana M. Greenlee (*Student*)  
Fraser D. Neiman (*Professional*)
- 2001 Jonathan Scholnick, Derek Wheeler & Fraser Neiman (*Student*)  
Jeffrey Homburg, Eric Brevic, Jeffrey Altschul, Anthony Orme & Steven Shelly (*Professional*)
- 2002 Laura Smith, James Jordan, David Johnson, Casey Haskell & Herbert Maschner (*Student*)  
Manuel R. Palacios-Fest & Jeffrey A. Homburg (*Professional*)
- 2003 Stacey Chambliss (*Student*)

- 2004 Diana M. Greenlee (*Professional*)  
Andrew Isaac, Mark Muldoon, Keri Brown & Terry Brown (*Overall*)  
Sara Bon-Harper, Jennifer Aultman, Nick Bon-Harper & Derek Wheeler (*Professional*)  
Stacy Lengyel (*Student*)
- 2005 Ethan Cochrane, Julie Field & Diana Greenlee (*Student*)  
James Feathers, Jack Johnson & Silvia Kembel (*Professional*)
- 2006 Ruth Dickau (*Student*)  
Robert Hard, Cynthia Muñoz & Anne Katzenberg (*Professional*)
- 2007 Jeffrey Ferguson, Jelmer E. Eerkens & Michael Glascock (*Professional*)  
Bridget Zavala & Jose Luis Punzo Diaz (*Student*)
- 2008 Brandi Lee MacDonald, R.G.V. Hancock, Alison Pidruczny & Aubrey Cannon (*Student*)
- 2009 Susan M. Mentzer (*Student*)
- 2010 Metin I. Eren, Adam Durant & Christina Neudorf (*Student*)
- 2011 Alexander Smith & Danielle Raad (*Student*)
- 2013 G. Logan Miller (*Student*)
- 2015 Jenna Kay Carlson (*Student*)
- 2016 Amy N. Fox (*Student*)
- 2017 Elic Weitzel and Daniel Plekhov (*Students*)

**PRESIDENTIAL RECOGNITION AWARD**

Instituted in 1990 to permit SAA to recognize individuals who have provided extraordinary services to the society and the profession in the past year. Awardees are determined by the president of the society, in consultation with members of the Board.

- 1990 Jerome A. Miller  
Nathalie F. S. Woodbury
- 1991 Lynne Goldstein  
Rachael Hamilton  
Keith Kintigh  
Earl Lubensky  
Loretta Neumann  
Kathleen Reinburg  
David Hurst Thomas
- 1992 Mark Leone  
Jeremy A. Sabloff
- 1993 Jerald Milanich  
Daniel G. Roberts  
Bruce D. Smith  
Vincas P. Steponaitis
- 1994 David S. Brose

- |      |                                      |      |                                  |
|------|--------------------------------------|------|----------------------------------|
|      | Edward Friedman                      |      | Francis P. McManamon             |
|      | R. Bruce McMillan                    |      | Ian W. Brown                     |
|      | Teresita Majewski                    | 2002 | Michael J. Fanelli               |
|      | William H. Marquardt                 |      | Donald Forsyth Craib             |
|      | Dan F. Morse                         |      | Johna Hutira                     |
|      | J. Daniel Rogers                     | 2003 | John Chamblee                    |
|      | Katharina J. Schreiber               |      | Fred Wendorf, Stuart Struever, & |
|      | Dean Snow                            |      | Doug Schwartz                    |
|      | Vincas P. Steponaitis                | 2004 | Garth Bawden                     |
|      | Paul Takac                           |      | Julie Hollowell-Zimmer & Chip    |
| 1995 | Mark Aldenderfer                     |      | Colwell-Chanthaphonh             |
|      | Roger Anyon                          |      | Erin Kuns                        |
|      | Robert Drennan                       |      | William Longacre                 |
|      | Diane Gifford-Gonzalez               | 2005 | MATRIX Project                   |
|      | Lynne Goldstein                      | 2006 | SAA National Historic Landmarks  |
|      | Keith Kintigh                        |      | Committee                        |
|      | Mark J. Lynott                       | 2007 | PEC Web Pages Working Group      |
|      | Phyllis Messenger, KC Smith &        |      | John Kantner                     |
|      | Cathy MacDonald                      | 2008 | Alex Barker                      |
|      | Paul Minnis                          |      | Nelly Robles Garcia              |
|      | Bruce E. Rippeteau                   |      | Daniel H. Sandweiss              |
|      | Alison Wylie                         | 2009 | Phillip L. Walker                |
|      | Melinda A. Zeder                     | 2010 | 75th Anniversary Task Force:     |
| 1996 | Brian Fagan                          |      | Jeremy Sabloff                   |
|      | Paul Fish & Suzanne K. Fish          |      | James Snead                      |
|      | Jonathan Lizée                       |      | Wendy Ashmore                    |
|      | Toni Moore                           |      | David Browman                    |
|      | Carol Shull                          |      | Don Fowler                       |
|      | George Stuart                        |      | Lisa Lecount                     |
| 1997 | Mark Aldenderfer                     |      | Linda Manzanilla                 |
|      | David Anderson                       |      | Bruce Smith                      |
|      | Roger Anyon & T. J. Ferguson         |      | Fundraising Committee:           |
|      | Keith Kintigh                        |      | William Doelle                   |
|      | Florence Lister                      |      | Susan Bender                     |
|      | Donna Seifert                        |      | Cathy Cameron                    |
|      | Joe Watkins                          |      | John E. Kelly                    |
| 1998 | Stephen Dyson for <i>Archaeology</i> |      | Paul Minnis                      |
|      | <i>Magazine</i>                      |      | Linda Pierce                     |
|      | Ed Friedman                          |      | Bruce Rippeteau                  |
|      | Janet Levy                           |      | Martha Rolingson                 |
|      | William Lovis                        |      | Ken Sassaman                     |
| 1999 | Caryn Berg                           | 2011 | Susan B. Bruning                 |
|      | Susan J. Bender                      |      | Paul Minnis                      |
|      | Judith A. Bense                      |      | Jonathan Muller                  |
|      | Jon S. Czaplicki                     | 2012 | Barbara M. Arroyo                |
|      | Gary Feinman                         |      | Tomas Enrique-Mendizabal         |
|      | Linda Manzanilla                     |      | Archibald                        |
|      | Tristine Lee Smart                   |      | Christopher D. Dore              |
|      | George S. Smith                      |      | Daniel H. Sandweiss              |
|      | Joe Watkins                          | 2013 | Susan Kane                       |
| 2000 | Lynne Goldstein                      |      | Cori Wegener                     |
|      | James A. Goold                       |      | Tim Melancon                     |
|      | Kurt E. Dongoske                     |      | Serena Bellew                    |
| 2001 | Mark Aldenderfer                     | 2014 | Deborah L. Nichols               |
|      | Patricia Gilman                      |      | Christopher A. Pool              |
|      | The Law Department of the            |      | Gabriela Uruñuela y Ladrón de    |
|      | National Trust for Historic          |      | Guevara                          |
|      | Preservation                         | 2015 | Willem Willems                   |

2017 Frederich (Fritz) Luëth  
Jane Eva Baxter  
Brian I. Daniels  
Salam al-Kuntar  
Anibal Rodriguez  
Jeffrey Altschul  
Barbara Arroyo  
Task Force on Gender Disparities  
in Archaeological Grant  
Submissions  
Amity Pueblo Task Force  
Task Force  
Task Force on Archaeological  
Survey Data Quality, Durability,  
and Use  
Task Force on Regional Planning  
Task Force on Valuing  
Archaeological Resources  
Task Force on Professional  
Archaeologists, Avocational  
Archaeologists, and Responsible  
Artifact Collectors Relationships  
Task Force on Guidelines for  
Promotion and Tenure for  
Archaeologists in Diverse  
Academic Roles

#### AWARD FOR EXCELLENCE IN PUBLIC EDUCATION

Begun in 1997 to recognize institutions or individuals who bring about an improved public understanding and appreciation of anthropology and archaeology.

1997 Brian Fagan  
1998 Jan Coleman-Knight  
1999 Crow Canyon Archaeological Ctr  
2000 George Stuart  
2001 George Brauer  
2002 AnthroNotes  
2003 Jeanne Moe  
2004 Patricia Wheat-Stranahan  
2005 Office of Archaeological Studies at  
the Museum of New Mexico  
2006 Richard M. Pettigrew  
2007 The 5th St. Cemetery  
Necrogeographical Study  
2008 Texas Beyond History Website  
2009 Center for American Archaeology  
2010 Project Archaeology  
2012 Education Outreach Program of  
the Office of Archaeological  
Studies  
2014 Abby the ArchaeoBus: Society for  
Georgia Archaeology  
New South Associates  
Georgia Transmission Corporation  
Georgia State University  
2015 Kansas Archeology Training

Program  
2017 Kristina Killgrove

#### PUBLIC SERVICE AWARD

Begun in 1983 to recognize the important contributions of a public figure to the protection and preservation of cultural resources. It is presented regardless of political affiliation to those who have taken a lead or made a major contribution to preserving the past. The awardees have been:

1983 Sen. Spark M. Matasanaga  
Rep. Donald J. Pease  
1984 Sen. James A. McClure  
1985 Speaker James C. Wright Jr.  
1986 Secretary of the Interior Donald P.  
Hodel  
1987 Rep. John F. Seiberling  
1988 Rep. Charles E. Bennett  
1989 Sen. Peter V. Domenici  
1990 Rep. Morris K. Udall  
1991 Secretary of the Interior Manuel  
Lujan Jr.  
1992 The Archaeological Conservancy  
1993 Constance Werner Ramirez  
1994 James Beck  
Deborah Daniels  
Jeffrey Kent  
Larry Mackey  
Scott Newman  
1995 Grand Canyon Trust  
1996 Rep. Bill Richardson  
1997 Rep. Phil English  
1998 Loretta F. Neumann  
1999 Secretary of the Interior Bruce  
Babbitt  
2000 Wayne Dance  
2003 Representative Leonard Boswell  
2004 Paula Desio  
2005 Sen. Jeff Bingaman  
2008 Arc of Appalachia Preserve  
System, Archaeological  
Conservancy, Wilderness East,  
and the Ross County Parks  
Department  
2015 Glenn Morgan  
Arlene Fleming  
Jonathan Renshaw  
Elsa Chang  
2017 Abdel Kader Haidara  
Fatou Bensouda

**STUDENT PAPER AWARD**

Initiated in 2000, this award is designed to recognize the best student research paper presented at the Annual Meeting. All student members of SAA are eligible to participate. The awardees have been:

2000	Nathan S. Lowrey (with Thomas C. Pleger)
2002	Christopher Morehart
2003	Devin Alan White
2004	Briana L. Pobiner & David R. Braun
2005	Elizabeth Horton & Christina B. Rieth
2006	Metin I. Eren & Mary E. Prendergast
2007	Scott Ortman
2009	Michael Mathiowetz
2010	John M. Marston
2011	Melanie Beasley Jack Meyer Eric J. Bartelink Randy Miller
2012	Sean B. Dunham
2013	Bryn Letham David Bilton
2014	G. Logan Miller
2015	Catrine Jarman
2016	Natalie Mueller
2017	Jacob Lulewicz

**PRESIDENTS OF SAA**

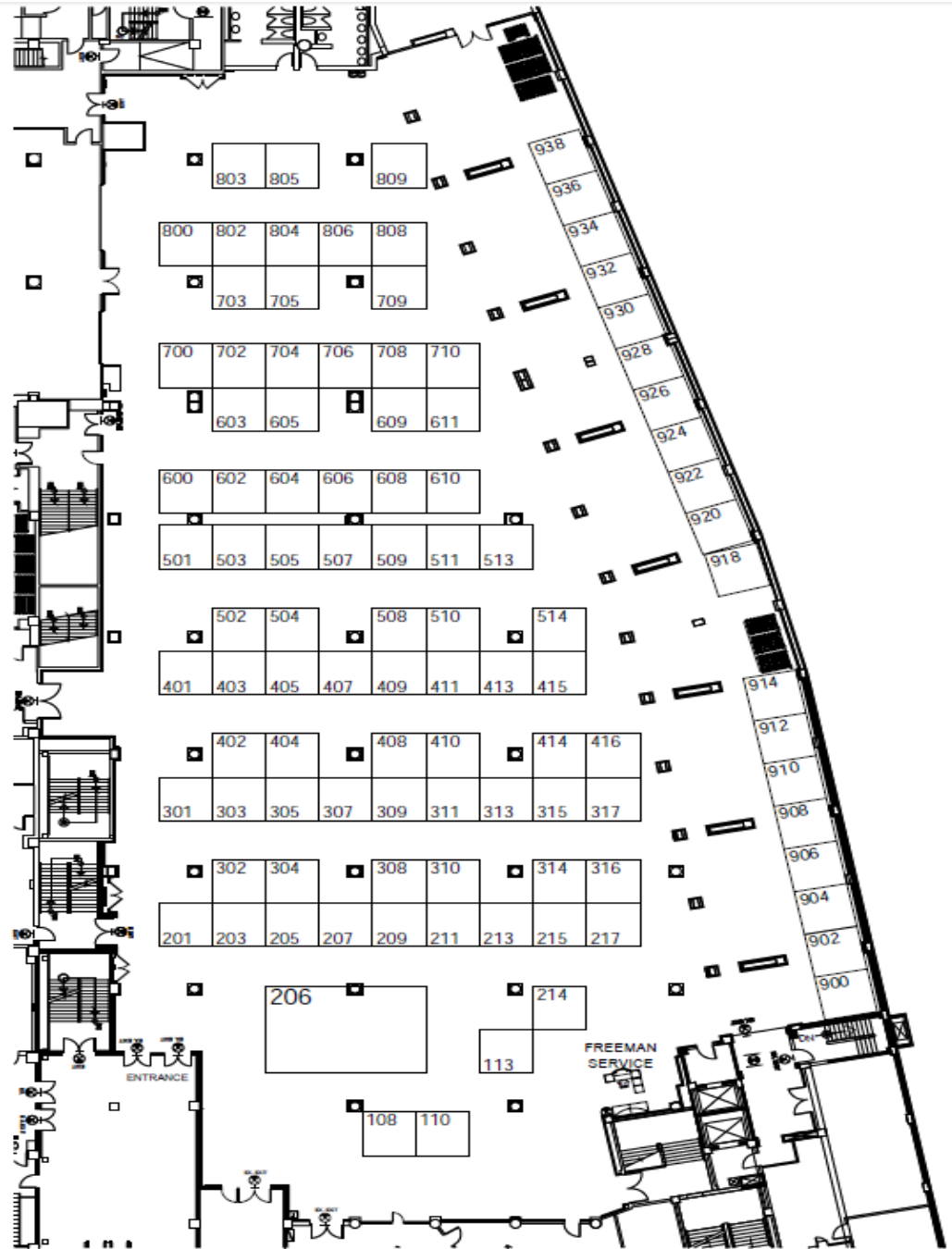
A. C. Parker	1935–1936
Diamond Jeness	1936–1937
A. V. Kidder	1937–1938
Edgar B. Howard	1938–1939
Neil Judd	1939–1940
W. C. McKern	1940–1941
Glenn Black	1941–1942
Nels C. Nelson	1942–1943
Emil W. Haury	1943–1944
J. Alden Mason	1944–1945
Carl E. Guthe	1945–1946
Frederick Johnson	1946–1947
Douglas S. Byers	1947–1948
Waldo R. Wedel	1948–1949
J. O. Brew	1949–1950
Frank Roberts Jr.	1950–1951
James B. Griffin	1951–1952
Irving Rouse	1952–1953
Gordon F. Ekholm	1953–1954
Robert Wauchope	1954–1955
W. Duncan Strong	1955–1956
William A. Ritchie	1956–1957

George I. Quimby Jr.	1957–1958
Richard B. Woodbury	1958–1959
Jesse D. Jennings	1959–1960
Erik K. Reed	1960–1961
Junius Bird	1961–1962
David A. Baerreis	1962–1963
James A. Ford	1963–1964
Albert C. Spaulding	1964–1965
Paul S. Martin	1965–1966
Joe B. Wheat	1966–1967
Gordon R. Willey	1967–1968
H. Marie Wormington	1968–1969
Ignacio Bernal	1969–1970
Robert Lister	1970–1971
Richard S. MacNeish	1971–1972
Charles C. Di Peso	1972–1973
Douglas W. Schwartz	1973–1974
Charles R. McGimsey III	1974–1975
Stuart Struever	1975–1976
Raymond H. Thompson	1976–1977
Cynthia Irwin-Williams	1977–1979
Fred Wendorf	1979–1981
Richard E. W. Adams	1981–1983
George C. Frison	1983–1985
Don Fowler	1985–1987
Dena Dincauze	1987–1989
Jeremy A. Sabloff	1989–1991
Prudence Rice	1991–1993
Bruce D. Smith	1993–1995
William D. Lipe	1995–1997
Vincas P. Steponaitis	1997–1999
Keith W. Kintigh	1999–2001
Robert L. Kelly	2001–2003
Lynne Sebastian	2003–2005
Kenneth M. Ames	2005–2007
Dean R. Snow	2007–2009
Margaret W. Conkey	2009–2011
W. Frederick Limp	2011–2013
Jeffrey H. Altschul	2013–2015
Diane Gifford-Gonzalez	2015–2017
Susan M. Chandler	2017–2019

**ANNUAL MEETING SITES**

1st	Andover, MA December 1935
2nd	Washington, D.C. December 1936
3rd	Milwaukee, WI May 1938
4th	Ann Arbor, MI May 1939
5th	Indianapolis, IN April 1940
6th	Minneapolis, MN May 1941
7th	Cincinnati, OH May 1942
8th	<i>(Because of travel difficulties and other wartime restrictions, the 1943 Annual Meeting was conducted by mail by the Executive Committee, whose actions were approved at the next Annual Meeting.)</i>

9th	Washington, D.C. May 1944	67th	Denver, CO March 2002
10th	Washington, D.C. May 1945	68th	Milwaukee, WI April 2003
11th	Indianapolis, IN May 1946	69th	Montreal, QC Mar-Apr 2004
12th	Ann Arbor, MI May 1947	70th	Salt Lake City, UT Mar-Apr 2005
13th	Milwaukee, WI May 1948	71st	San Juan, PR April 2006
14th	Bloomington, IN May 1949	72nd	Austin, TX April 2007
15th	Norman, OK May 1950	73rd	Vancouver, BC March 2008
16th	Evanston, IL May 1951	74th	Atlanta, GA April 2009
17th	Columbus, OH May 1952	75th	St. Louis, MO April 2010
18th	Urbana, IL May 1953	76th	Sacramento, CA Mar-Apr 2011
19th	Albany, NY May 1954	77th	Memphis, TN April 2012
20th	Bloomington, IN May 1955	78th	Honolulu, HI April 2013
21st	Lincoln, NE May 1956	79th	Austin, TX April 2014
22nd	Madison, WI May 1957	80th	San Francisco, CA April 2015
23rd	Norman, OK May 1958	81st	Orlando, FL April 2016
24th	Salt Lake City, UT May 1959	82nd	Vancouver, BC Mar-Apr 2017
25th	New Haven, CT May 1960		
26th	Columbus, OH May 1961		
27th	Tucson, AZ May 1962		
28th	Boulder, CO May 1963		
29th	Chapel Hill, NC May 1964		
30th	Urbana, IL May 1965		
31st	Reno, NV May 1966		
32nd	Ann Arbor, MI May 1967		
33rd	Santa Fe, NM May 1968		
34th	Milwaukee, WI May 1969		
35th	Mexico City, Mexico May 1970		
36th	Norman, OK May 1971		
37th	Bal Harbour, FL May 1972		
38th	San Francisco, CA May 1973		
39th	Washington, D.C. May 1974		
40th	Dallas, TX May 1975		
41st	St. Louis, MO May 1976		
42nd	New Orleans, LA April 1977		
43rd	Tucson, AZ May 1978		
44th	Vancouver, Canada April 1979		
45th	Philadelphia, PA May 1980		
46th	San Diego, CA April-May 1981		
47th	Minneapolis, MN April 1982		
48th	Pittsburgh, PA April 1983		
49th	Portland, OR April 1984		
50th	Denver, CO May 1985		
51st	New Orleans, LA April 1986		
52nd	Toronto, ON May 1987		
53rd	Phoenix, AZ April 1988		
54th	Atlanta, GA April 1989		
55th	Las Vegas, NV April 1990		
56th	New Orleans, LA April 1991		
57th	Pittsburgh, PA April 1992		
58th	St. Louis, MO April 1993		
59th	Anaheim, CA April 1994		
60th	Minneapolis, MN May 1995		
61st	New Orleans, LA April 1996		
62nd	Nashville, TN April 1997		
63rd	Seattle, WA March 1998		
64th	Chicago, IL March 1999		
65th	Philadelphia, PA April 2000		
66th	New Orleans, LA April 2001		



**SOCIETY FOR AMERICAN ARCHAEOLOGY - APRIL 11-15, 2017**

MARriott WARDMAN PARK - HALL A - WASHINGTON, DC

## Exhibitor Directory

**Accurex Measurement**  
**225 S. Chester Road**  
**Suite 6B**  
**Swarthmore PA 19081-1919**  
**United States**  
**#611**

[www.accurexmeasure.com](http://www.accurexmeasure.com)

Accurex provides high-precision 3D Scanning white light scanning systems built by Breuckmann. These products can be used to create digital models of artifacts for archival purposes, or to collect data for dimensional analysis. Scan data can be preserved in color with full detail including scribe marks or engravings.

**Advisory Council on Historic Preservation**  
**401 F Street, NW**  
**Suite 308**  
**Washington DC 20001**  
**United States**  
**#709**

<http://www.achp.gov>

An independent Federal agency, the ACHP promotes the preservation, enhancement, and sustainable use of our nation's historic resources and advises the President and Congress on national historic preservation policy. It also provides a forum for influencing federal activities, programs and policies that affect historic properties.

**AECOM**  
**701 Corporate Center Drive**  
**Suite 475**  
**Raleigh NC 27607**  
**United States**  
**#904**

<http://www.aecom.com/services/environmentalsocial-impact-assessment-permitting/>

The AECOM cultural resources and heritage management group employs over 400 people, with staff in 27 U.S. states and Canadian provinces plus

Australia, Hong Kong, and the UK, in the disciplines of terrestrial and underwater archaeology, history, architectural history/built environment, historic architecture, anthropology, cultural landscapes, and aboriginal/First Nations consultation.

**American Anthropological Association**  
**2300 Clarendon Blvd**  
**Suite 1301**  
**Arlington VA 22203**  
**United States**  
**#926**

The American Anthropological Association is the world's largest association for professional anthropologists. AAA publishes 22 journals, offers professional development services, supports college and university departments, sponsors a paid summer internship program, and stages research conferences. AAA's public education initiatives highlight the important and enduring topics of race and migration.

**American Cultural Resources Association**  
**2101 L Street NW, Suite 800**  
**Washington DC 20037**  
**United States**  
**#310**

ACRA is the national trade association representing the CRM industry.

**American Rock Art Research Association**  
**201 West Soloman Lane**  
**Midland TX 79705-3032**  
**United States**  
**#505**

<http://www.arara.org>

American Rock Art Research Association is a non-profit organization dedicated to encourage and to advance research in the field of rock art.

**Antiquity**

Department of Archaeology  
Durham University  
Durham DH1 3LE  
United Kingdom

#313

<http://www.antiquity.ac.uk/>

*Antiquity* is a peer-reviewed journal of archaeological research that aims to communicate the most significant new discoveries, theory, method and cultural resource issues rapidly and in plain language to practicing archaeologists everywhere.

**Archaeological Institute of America**  
44 Beacon St., 2nd Floor  
Boston MA 02108-3614  
United States

#304

<http://www.archaeological.org>

North America's oldest and largest archaeological organization. The AIA works to create an informed public interest in the cultures and civilizations of the past, supports archaeological research and publication, promotes community based outreach, and advocates for the preservation of archaeological heritage.

**Beta Analytic Inc.**  
4985 SW 74th Court  
Miami FL 33155-4471  
United States

#205

<https://www.radiocarbon.com/>

ISO 17025-accredited Beta Analytic is a dedicated radiocarbon dating (AMS) laboratory with standard turnaround time of 14 business days. All analyses are performed in-house; BETA does not engage in satellite dating. Results are accessible 24/7 via web and mobile access. Respected worldwide for accuracy, high quality, and customer care.

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United States

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<http://www.bruker.com/saa>

Bruker is known worldwide as a leader in all forms of analytical equipment useful for archeological investigations, including FT-IR, Raman and X-ray fluorescent spectrometers. The ALPHA II FT-IR identifies molecular structures and components to help determine optimum cleaning methods and solvents. Bruker's BRAVO handheld Raman analyzer determines molecular content of inorganic and organic compounds. The Tracer series handheld XRF spectrometer is the de facto standard in portable XRF analyzers used for archaeological studies to provide elemental identification and quantification. The ELIO portable XRF analyzer integrates with a programmable X-Y scanner for dramatic visualization of the distribution of elements.

**Bureau of Land Management**  
20 M Street SE  
Room 2134LM  
Washington DC 20003  
United States

#803

<https://www.blm.gov/>

Bureau of Land Management, the largest federal land manager, will provide information about opportunities on public lands. Handouts, flyers, brochures, and books will be distributed and available for purchase that include, but are not limited to, information about archaeological research, careers, and projects.

**Cambridge University Press**  
**Shaftesbury Road**  
**Cambridge CB2 8BS**  
**United Kingdom**  
**#403**

<http://www.cambridge.org/Academic>  
 Cambridge University Press dates from 1534 and is part of the University of Cambridge. Our mission is to unlock people's potential with the best learning and research solutions by combining state-of-the-art content with the highest standards of scholarship, writing and production. Visit our stand for 20% off all titles on display.

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**1950 Lawrence Rd**  
**Havertown PA 19083-4608**  
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Casemate Academic is the leading distributor of archaeological publications in North America. Publishers represented include our own imprint Oxbow Books, the British Museum Press, Sidestone Press, the McDonald Institute for Archaeological Research, the Oriental Institute, at the University of Chicago, International Monographs in Prehistory, and Archaeopress Archaeology.

**Center for Applied Isotope Studies**  
**120 Riverbend Rd**  
**Athens GA 30602**  
**United States**  
**#201**

<http://www.cais.uga.edu/>  
 Radiocarbon Dating, Stable Isotope Analysis, Elemental analysis, XRF, ICP-OES, ICP-MS, Lead and Strontium Isotope Analysis.

**Center for the Study of the First Americans**  
**Dept. of Anthropology**  
**Texas A&M University**  
**College Station TX 77843**  
**United States**  
**#108**

<http://www.centerfirstamericans.com>

The mission of the Center for the Study of the First Americans is to pursue research, train students, promote scientific dialogue, and stimulate public interest in the late Pleistocene peopling of the Americas.

**Council of Affiliated Societies (CoAS)**  
**Society for American Archaeology**  
**1111 14th St. NW**  
**Washington DC 20005**  
**United States**  
**#906**

Want to see what your local archaeology society is up to? At the Council of Affiliated Societies (CoAS) booth, pick up literature about the activities of societies across the US and Canada. CoAS sponsors the Annual Archaeology Month Poster Contest too. Cast your ballot for your favorite in the poster hall.

**Database of Religious History**  
**607 1871 West Mall**  
**Vancouver BC V6T 1Z2**  
**Canada**  
**#511**

<http://www.religiondatabase.org>  
 The DRH aims to be the world's first comprehensive, online quantitative and qualitative encyclopedia of religious and social history. Open source, free and shaped in content and function by its users, it will function as a massive, standardized, searchable encyclopedia of the current best scholarly opinion on historical religious traditions and the historical record more generally, allowing users to instantly gain an overview of the state of scholarly opinion and access powerful, built-in analytic and data visualization tools.

**Digital Antiquity**  
**P.O. Box 872402**  
**Tempe AZ 85287-2402**  
**United States**  
**#800**

<http://www.tdar.org>  
 The Digital Archaeological Record (tDAR) is an international repository for the digital records of archaeological investigations. tDAR's use,

development, and maintenance are governed by Digital Antiquity, an organization dedicated to ensuring long-term preservation of irreplaceable archaeological data and to broadening the access to these data.

**Digital Index of North American Archaeology (DINAA) - Open Context**  
125 El Verano Way  
San Francisco CA 94707  
United States  
#503

<http://ux.opencontext.org/archaeology-site-data/>

The DINAA project integrates archaeological site file data from across North America into a unified database for use by scholarly, resource management, and public audiences. DINAA data are published through Open Context, an open access publisher of digital archaeological content from excavations, surveys, and collections worldwide.

**Dino-Lite Scopes (BigC)**  
19803 Hamilton Ave. Ste 200  
Torrance CA 90502  
United States  
#416

[www.dinolite.us](http://www.dinolite.us)

Dino-Lite portable digital microscopes and eyepiece cameras provide high-quality microscopy video interfacing to PC and MAC. Most models provide 10x-220x magnification with features such as measurement and adjustable polarizer. The included software makes it easy to take snapshots, record videos, manipulate images, save and email discoveries.

**DirectAMS**  
11822 North Creek Parkway North  
Suite 107  
Bothell WA 98028  
United States  
#501

<http://www.directAMS.net>

Radiocarbon dating service.

**DW Consulting**  
Boekweitakker 28  
Barneveld 3773 BX  
Netherlands  
#510

<http://www.dwconsulting.nl>

Creator of TerraSurveyor - the industry leader for device dependent, geophysical data processing software.

**Emlid**  
Petrogradskaya Naberezhnaya 22a  
Saint Petersburg  
Russian Federation  
#934

<https://emlid.com/reachrs/>

Emlid Reach RS is a truly affordable RTK GNSS receiver for \$799 with an app as a controller ready to do surveying, mapping and data collection with centimeter accuracy! It is a new milestone in the market of affordable RTK GNSS providing an amazing user experience in a compact and durable form-factor.

**European Association of Archaeologists**  
Letenská 4  
Praha 1 11801  
Czech Republic  
#908

The EAA is a membership based not for profit association open to archaeologists and related or interested individuals or organizations. The EAA organizes annual conferences, publishes the European Journal of Archaeology, Themes in Contemporary Archaeology, and releases a newsletter.

**Forensic Archaeology Recovery**  
8 1/2 Clearview Ave.  
Gloucester MA 01930  
United States  
#920

Locate, record, and recover human remains and personal effects at disaster sites and other situations that require trained forensic archaeologists.

**Forensic Digital Imaging, Inc.****4109 Des Prez Ct.****Hernando Beach FL 34607****United States****#302**<http://www.fdiflorida.com>

FDI specializes in diagnostic photography of collections and projects. Whether in a studio/lab environment or field investigation, before making an investment in equipment, software, or personnel, FDI will design a complete customized imaging solution. We will configure equipment, provide hands-on training and develop SOPs to deliver professional high-quality digital images consistently.

**Forestry Suppliers, Inc.****205 West Rankin St.****Jackson MS 39201****United States****#700**<https://www.forestry-suppliers.com>

Full range of equipment for Archaeology professionals. Flagging, flags, surveying instruments, shovels, picks, screens, sieves, compasses, GPS, mapping aids, Marshalltown trowels, chaining pins and other field supplies, all can be found in our free 800+ page catalog or visit our website.

**Geometrics****2190 Fortune Dr.****San Jose CA 95131-1815****United States****#409**<http://www.geometrics.com>

Geometrics manufactures, sells, rents, and services magnetometers, seismographs, and electrical conductivity and resistivity systems for land, marine, and air investigations of the subsurface.

**Geophysical Survey Systems, Inc.****40 Simon Street****Nashua NH 03060****United States****#404**<http://www.geophysical.com>

GSSI is the world leader in the development of Ground Penetrating

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**Harvard University Press****79 Garden St.****Cambridge MA 02138-1423****United States****#509**<https://www.hup.harvard.edu>

Founded in 1913, Harvard University Press is a leading publisher of convergent works in the sciences, humanities, and social sciences. HUP's publication program is driven by the belief that books from academic publishers are more essential than ever before for understanding critical issues facing the world today.

**Human Relations Area Files****755 Prospect Street****New Haven CT 06511-1225****United States****#513**<http://hraf.yale.edu>

eHRAF World Cultures/Archaeology...online cross-cultural databases on indigenous peoples, ethnic groups, western and non-western cultures, and archaeological traditions. Subject-indexed at the paragraph-level, eHRAF is ideal for teaching and for comparative archaeological and cross-cultural research. Human Relations Area Files (HRAF) is an international non-profit membership organization at Yale University.

**ICA****10585 NW 53rd St.****Sunrise FL 33351****United States****#213**<http://www.radiocdating.com/>

Radiocarbon dating service. Fast, affordable, accurate. No date, no charge, no exceptions.

**Institute for European and  
Mediterranean Archaeology  
University of Buffalo  
380 MFAC Ellicott Complex  
Buffalo NY 14261  
United States**

**#408**

The Institute for European and Mediterranean Archaeology (IEMA) is a premier research center at the University of Buffalo with interdisciplinary faculty drawn from Anthropology, Classics, Art History and Biological Sciences. IEMA offers interdisciplinary master's programs, fieldwork opportunities in Europe, scholarships, laboratories, and publications with SUNY Press.

**Institute for Field Research  
2999 Overland Ave Ste 103  
Los Angeles CA 90064-4500  
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**#414**

<http://www.ifrglobal.org>

Offering archaeology field schools across the world.

**InTerris Registries  
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**#702**

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

With the archaeological information system InTerris Registries (previously known as ArcheoLINK – Americas), project data, field data, artifact data, specialist data, curation data, photos, field and object drawings, measurements and cartographic data can be stored, managed, queried and analyzed for one or more archaeological projects. InTerris Registries also allows the use of hardware options such as barcode registration and communicating scales and calipers.

**Irish Archaeology Field School  
2 Grosvenor Terrace  
Monkstown Dublin A94 Y209  
Ireland**

**#902**

The Irish Archaeology Field School is Ireland's leading provider of accredited, field-based archaeological research and training. The ethos of the school is to provide an opportunity for students of archaeology and anthropology to experience at first hand the excitement of archaeological excavation in a teaching environment.

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MINISIS Inc. is a software and cloud hosting company that focuses on creating unique software solutions to house, store, manage and share everything from archaeological to standard collections management data. MINISIS has both desktop and web based solutions to ensure solid management of your site, collection events, collections and patron information.

**National Anthropological Archives,  
Smithsonian Institution****4210 Silver Hill Rd  
Suitland MD 20746****United States****#932**

The National Anthropological Archives at the Smithsonian Institution is one of the foremost repositories in the world that exclusively collects, preserves, and makes accessible historical and contemporary materials documenting the four fields of anthropology and the cultures of the world.

**National Geographic Society****1145 17th Street, NW  
Washington DC 20036-4688****United States****#938**<https://www.nationalgeographic.org/grants>

For over 120 years, the National Geographic Society has been providing grants to archaeologists around the world.

**National Park Service****1849 C Street NW  
MS 7508  
Washington DC 20240****United States****#508**<https://www.nps.gov/archeology/>

The National Park Service provides educational and recreational opportunities across its 417 units. Information will be available about projects, careers and internships, and other aspects of archeological management.

**Native American Scholarships Fund  
Society for American Archaeology****1111 14th St. NW, Suite 800  
Washington DC 20005****#809**

The Native American Scholarships Fund fosters shared purpose and positive interaction between the archaeological and Native communities. Scholarships are awarded annually to support training in archaeological methods and undergraduate and graduate education, for Native peoples from the Americas, Alaska Natives, Native Hawaiians, and Indigenous Pacific Islanders who are students or employees of tribal cultural preservation programs. Proceeds from our Silent Auction go directly to scholarships support. Visit our booth to see the variety of goods you may bid on including used and new archaeology books, jewelry, crafts, and textiles! For more information, please visit: [www.saa.org/scholarships](http://www.saa.org/scholarships)

**New South Associates, Inc.****6150 East Ponce De Leon Avenue  
Stone Mountain GA 30083-2253****United States****#514**<http://www.newsouthassoc.com>

New South Associates, Inc. is a women-owned small business cultural resource consultant providing archaeological and historical services. Incorporated in 1988, New South Associates is known for its use of technology, its commitment to schedules, for the quality of our research and deliverables, and for public engagement. Come visit our world!

**Newcastle University, School of History, Classics and Archaeology  
Armstrong Building  
Newcastle Upon Tyne NE1 7RU  
United Kingdom  
#602**

<http://www.ncl.ac.uk/hca>

In the top 10 for Archaeology in the UK offering a diverse range of Masters and PhD programs in prehistoric, Classical, Roman Frontiers, Byzantine and Medieval archaeology, with cross cutting thematic research in landscape and archaeological science.

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#605**

Oxbow Books is an archaeology publisher. Its publishing encompasses all periods from prehistory through classical archaeology, the ancient Near East, Egyptology, the Middle Ages and post-medieval archaeology as well as environmental archaeology, landscape archaeology, archaeozoology, maritime and underwater archaeology and wider examinations of archaeological practice and theory.

**Oxford University Press  
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United States  
#710**

<http://www.oup.com/global>

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Golden CO 80401-2240  
United States  
#207**

<http://www.paleoresearch.com>

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**Passport in Time, SRI Foundation  
333 Rio Rancho Dr NE  
Rio Rancho NM 87124-1457  
United States  
#918**

Passport in Time (PIT) is a U.S. Forest Service sponsored program that incorporates public volunteerism with cultural heritage projects hosted by federal and state agencies across the country. PIT projects involve cultural heritage efforts such as archaeology, heritage restoration and conservation, and paleontology.

**Project Archaeology  
2-128 Wilson Hall, MSU  
Bozeman MT 59717  
United States  
#805**

<https://projectarchaeology.org/>

Find complete information about Project Archaeology, the Bureau of Land Management's (BLM) flagship heritage education program for teachers, students, and informal educators. See the most recent Project Archaeology publications and professional development events. Learn about Project Archaeology opportunities in your area and how you can participate.

**Register of Professional Archaeologists  
3601 E. Joppa Rd.  
Baltimore MD 21234  
United States  
#924**

The Register of Professional Archaeologists is a listing of archaeologists who have agreed to abide by an explicit code of conduct and standards of research performance. The establishment and acceptance of universal standards in archaeology is the fundamental goal of the Register.

**Robert S. Peabody Museum of  
Archaeology  
180 Main St  
Andover MA 02155  
United States  
#912**

<http://www.andover.edu/museums/museumofarchaeology/pages/default.aspx>

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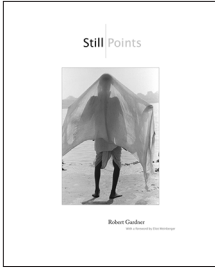
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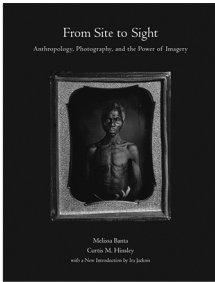


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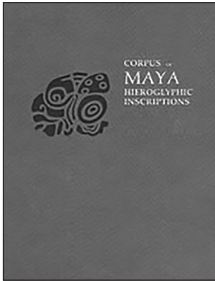
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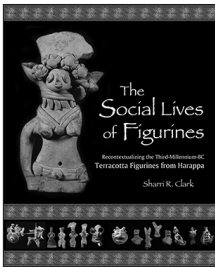
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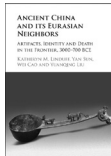
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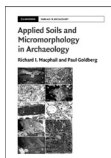
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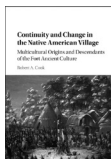
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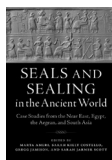
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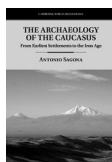
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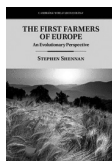
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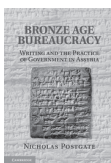
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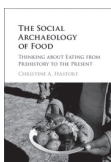
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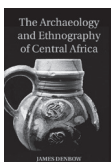
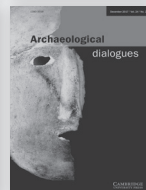
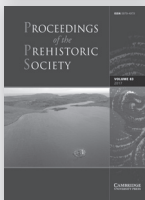
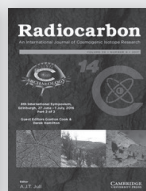
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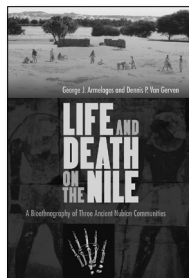
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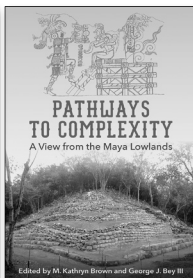


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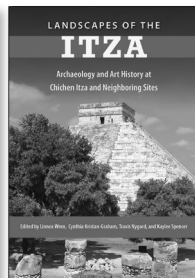
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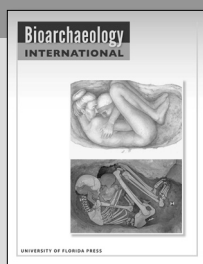
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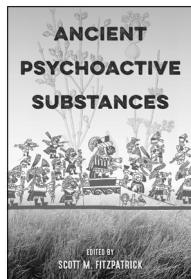
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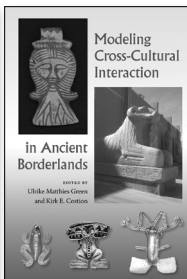
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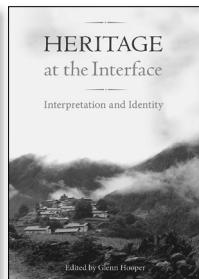
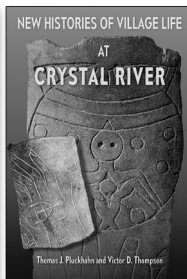
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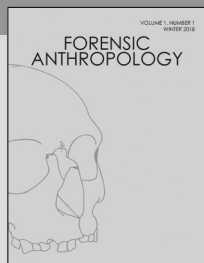
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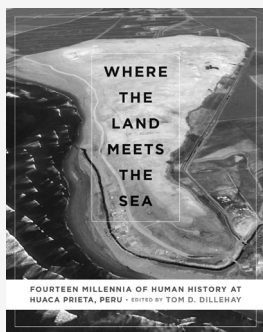
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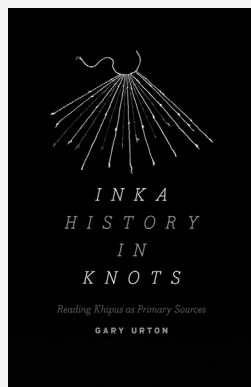
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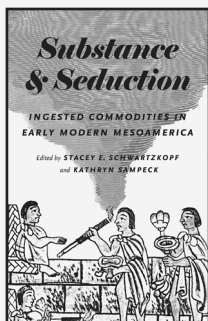
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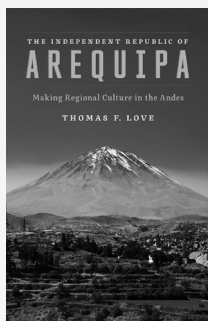


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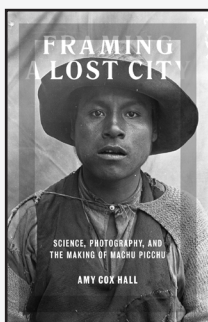
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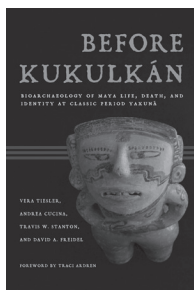
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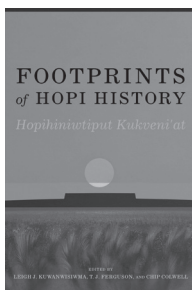
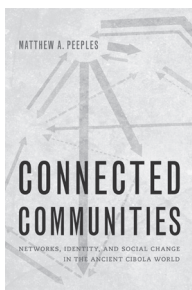
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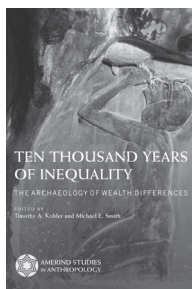
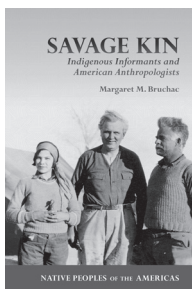
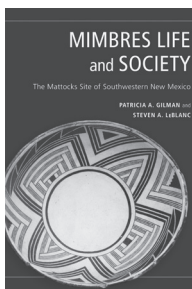
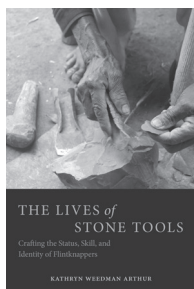
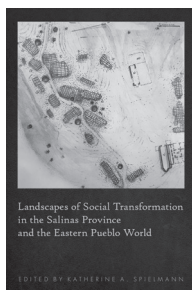
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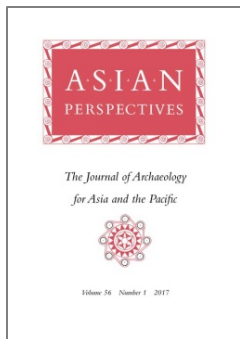
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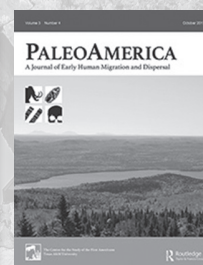
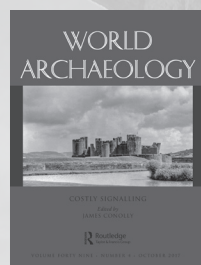
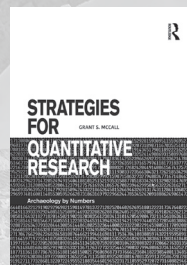
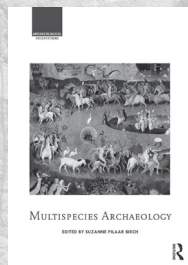
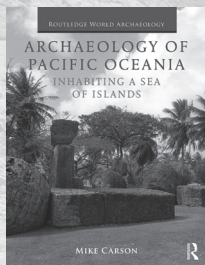
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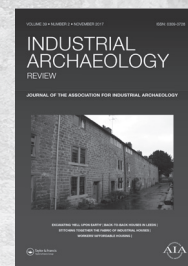
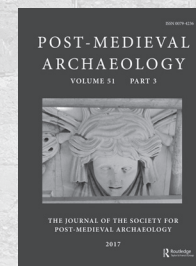
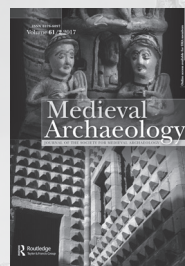
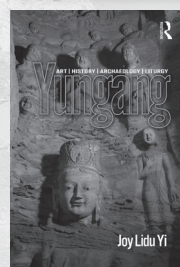
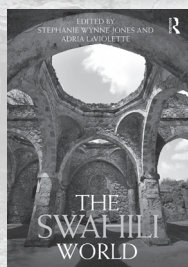
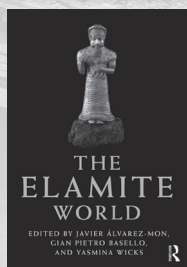
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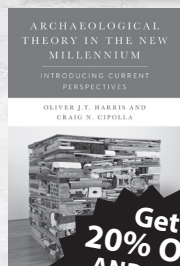
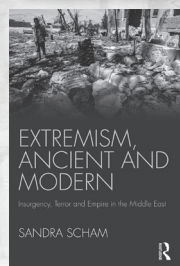
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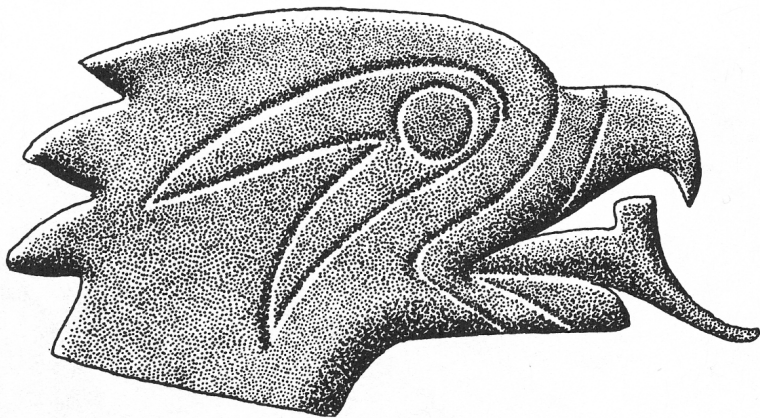
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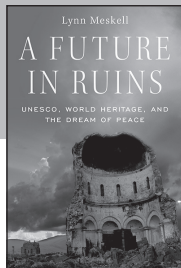
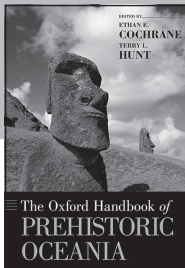
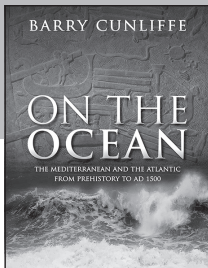
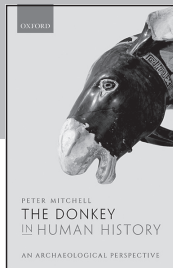
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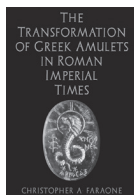
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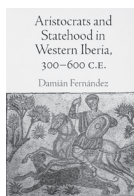


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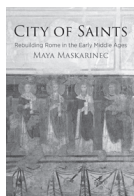
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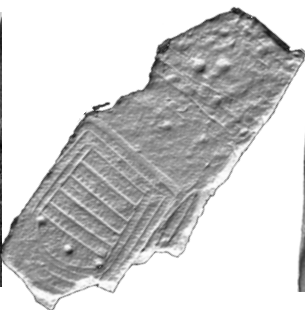


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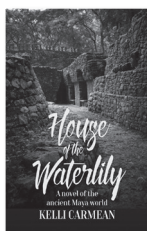
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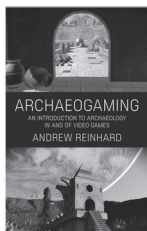


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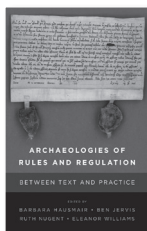
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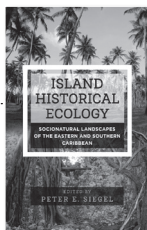


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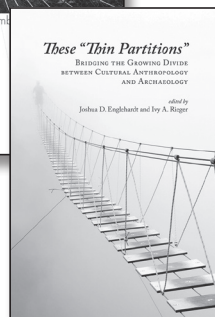
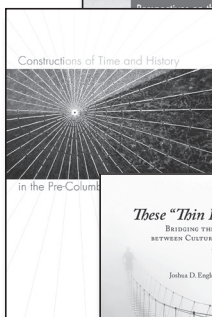
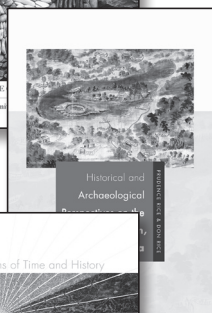
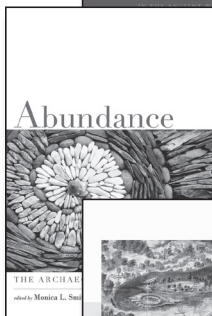
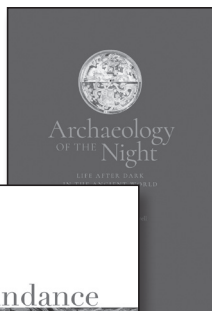
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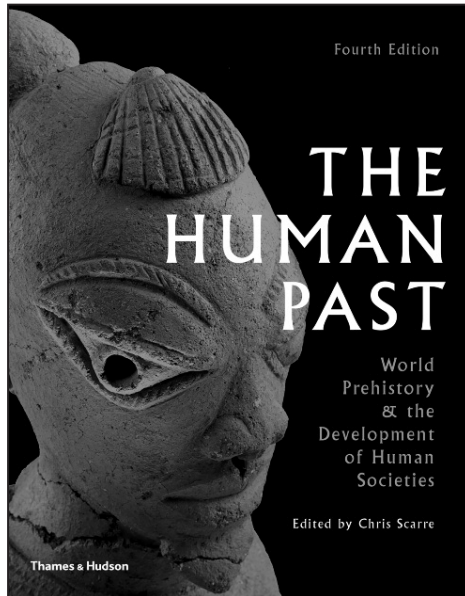
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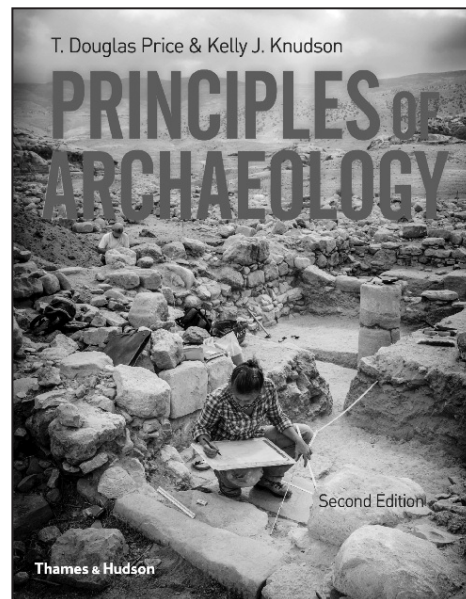
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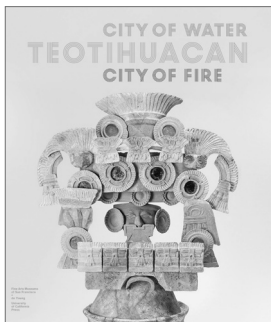
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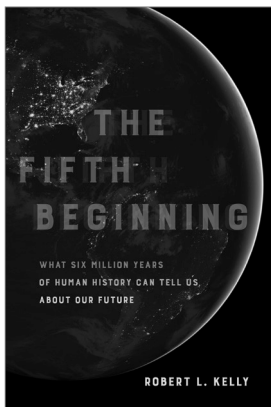
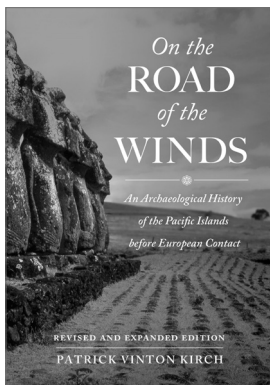
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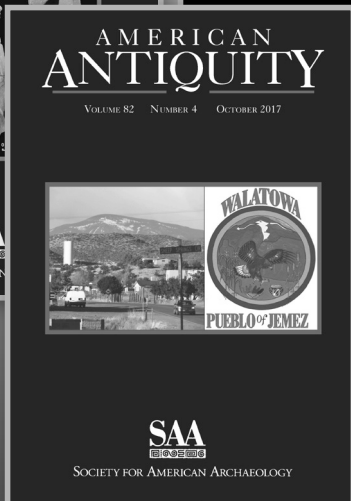
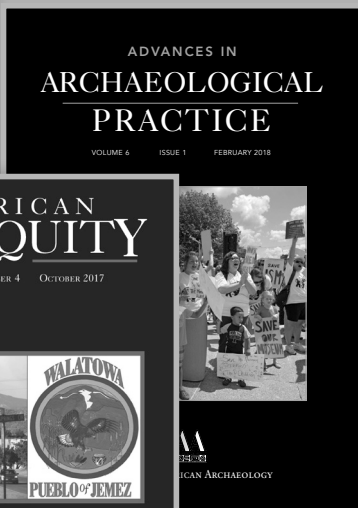
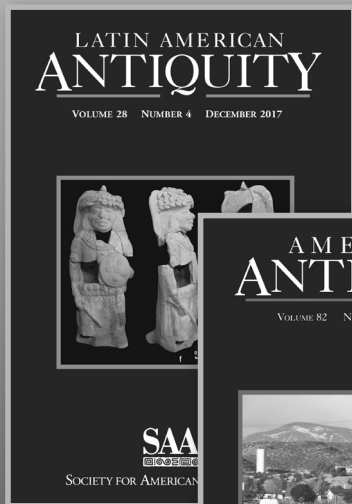
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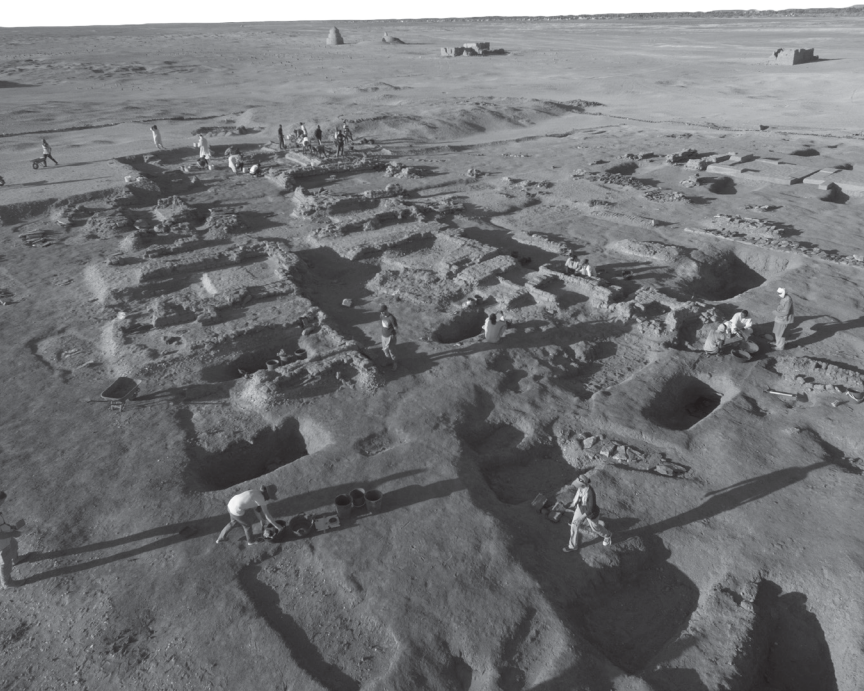
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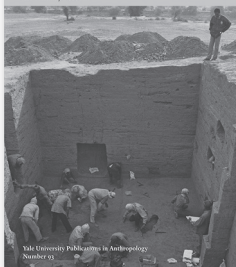
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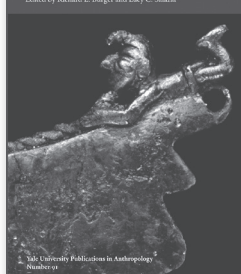
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