PROGRAM OF THE
83RD ANNUAL MEETING

April 11–April 15, 2018
Washington, DC

Society for American Archaeology
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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 Kealapupuakihia. 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 Kealapupukihaka 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
Maria 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 descendents, serving as guiding member of the UNESCO international committee designating the Qhapaq Ñan (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.
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SOCIETY FOR AMERICAN ARCHAEOLOGY
83RD ANNUAL MEETING

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Université de Montréal

Program Assistant
Dario Guiducci

Committee Members
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Nicola Howard
Archaeological Curator and Museum Specialist

Scott R. Hutson
University of Kentucky

Kristina Killgrove
University of West Florida

Scott D. Kirk
University of New Mexico

Todd A. Koetje
Western Washington University
John S. Krigbaum
University of Florida

Yin-Man Lam
University of Victoria

Ben Marwick
University of Washington

Juliet E. Morrow
Arkansas State University

Marit K. Munson
Trent University

Olivia C. Navarro-Farr
The College of Wooster

Eduardo G. Neves
University of São Paulo

Lisa Overholtzer
McGill University

Sneh Patel
New York University

Francis “Jess” Robinson, IV
Vermont Division for Historic Preservation

Erika Marion Robrahn-Gonzalez
DOCUMENTO Institute

Christopher B. Rodning
Tulane University

Melissa S. Rosenzweig
Miami University

Kristin N. Safi
Oak Ridge National Laboratory

Jon Spenard
California State University, San Marcos

Travis W. Stanton
University of California, Riverside

Clare Tolmie, RPA
Illinois Archaeological Survey

Cara G. Tremain
Langara College

Christine VanPool
University of Missouri

Bradley J. Vierra
Tribal Historic Preservation

Colin D. Wren
University of Colorado, Colorado Springs

Dagmara Zawadzka
Université du Québec à Montréal

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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). 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.
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 and 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 83rd Annual Meeting on Twitter #SAA2018. Students can also contribute to the discussion using #SAAstudent.

**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 Alalay
Junko Habu
Susan Alcock
Thomas H. McGovern
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**

<table>
<thead>
<tr>
<th></th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
<th>Saturday</th>
<th>Sunday</th>
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</thead>
<tbody>
<tr>
<td><strong>Abstract Viewing Center</strong></td>
<td>2pm–8pm Atrium</td>
<td>7am–10pm Atrium</td>
<td>7am–4pm Atrium</td>
<td>7am–5pm Atrium</td>
<td>7am–11am Atrium</td>
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<tr>
<td><strong>Registration</strong></td>
<td>2pm–8pm Atrium</td>
<td>7am–8pm Atrium</td>
<td>7am–4pm Atrium</td>
<td>7am–4pm Atrium</td>
<td>7am–8am SAA Staff Office – Park Tower Suite 8229</td>
</tr>
<tr>
<td><strong>Speaker Ready Room</strong></td>
<td>2pm–8pm VIP Room Lobby Level – near Marriott Salon 2</td>
<td>7am–9pm VIP Room Lobby Level – near Marriott Salon 2</td>
<td>7am–6pm VIP Room Lobby Level – near Marriott Salon 2</td>
<td>7am–6pm VIP Room Lobby Level – near Marriott Salon 2</td>
<td>7am–11:45am VIP Room Lobby Level – near Marriott Salon 2</td>
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<tr>
<td><strong>Press Office</strong></td>
<td>9am–5pm Park Tower Suite 8209</td>
<td>9am–5pm Park Tower Suite 8209</td>
<td>9am–5pm Park Tower Suite 8209</td>
<td>9am–5pm Park Tower Suite 8209</td>
<td>9am–12pm Park Tower Suite 8209</td>
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<tr>
<td><strong>Exhibits</strong></td>
<td>10am–5pm Exhibit Hall A <em>Note: one hour later than usual start time – today only</em></td>
<td>9am–5pm Exhibit Hall A</td>
<td>9am–5pm Exhibit Hall A</td>
<td>9am–5pm Exhibit Hall A</td>
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<tr>
<td><strong>CRM EXPO</strong></td>
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<td>1pm–4pm Exhibit Hall B South</td>
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</table>
| Monday, April 9 | 8:00 am–5:00 pm  
Park Tower Suite 8212  
US Forest Service Heritage Program 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 |  
|          | 1:00 pm–5:00 pm  
Harding  
National Association of State Archaeologists Annual 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 |  
|          | 1:00 pm–5:00 pm  
National Association of State Archaeologists Annual 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 pm–10:30 pm  
Washington Room 4  
Student Member Welcome Reception  
(No fee; pre-registration required) |  
|          | 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 |  
|          | 5:00 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 |  
|          | 1:00 pm–5:00 pm  
Washington Room 4  
Student Member Welcome Reception  
(No fee; pre-registration required) |  
|          | 1:00 pm–5:00 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
Virginia A
International Government Affairs Committee Meeting

8:00 am–12:00 pm
Symposia

8:30 pm–12:30 pm
Excursion Smithsonian Collections Tour, National Museum of the American Indian

8:30 pm–12:30 pm
Excursion Smithsonian Collections Tour, National Museum of Natural History

9:00 am–11:00 am
Maryland A
Committee on the Americas Meeting

9:00 am–12:00 pm
Park Tower Suite 8211
Executive Board Meeting of AAA-AD

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

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

12:00 pm–1:00 pm
Maryland A
Fiber Perishables Interest Group Meeting

12:00 pm–1:00 pm
Congressional
History of Archaeology Interest Group Meeting

12:00 pm–1:00 pm
Park Tower Suite 8212
Military Archaeology Resource Stewardship (MARS) Interest Group Meeting

12:00 pm–1:00 pm
Virginia B
Prehistoric Quarries and Early Mines Interest Group Meeting

12:00 pm–1:00 pm
Virginia C
Zooarchaeology Interest Group Meeting

12:00 pm–1:30 pm
Virginia A
International Association for Obsidian Studies (IAOS) Annual Meeting
1:00 pm–3:00 pm
Park Tower Suite 8223
Repatriation Committee Meeting

1:00 pm–3:00 pm
Maryland B
Meeting of American Antiquity Editorial Board

1:00 pm–3:00 pm
Maryland C
PEC State Network Coordinators Meeting

1:00 pm–5:00 pm
Symposia

2:00 pm–4:00 pm
Maryland A
The Heritage Education Network Business Meeting

3:00 pm–4:00 pm
Virginia C
Public Archaeology Interest Group Meeting

3:00 pm–4:30 pm
Congressional
Forensic Archaeology Recovery Annual Meeting

3:30 pm–4:30 pm
Maryland C
Island and Coastal Archaeology Interest Group Meeting

5:00 pm–6:30 pm
Marriott Salon 2
Annual Business Meeting and Awards Presentation

6:45 pm–8:45 pm
Virginia B
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.*

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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). The Online Submissions System for Albuquerque will open May 1, 2018.
# Sessions at a Glance: Wednesday Evening, April 11 and Thursday Morning, April 12

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<th>Time</th>
<th>Session</th>
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<td><strong>Wednesday April 11</strong></td>
<td><strong>6:00 PM</strong>&lt;br&gt;7:00 PM&lt;br&gt;8:00 PM&lt;br&gt;9:00 PM&lt;br&gt;10:00 PM</td>
</tr>
<tr>
<td>Park Tower Suite 8222</td>
<td>2 General Session: Precontact Archaeology in South</td>
</tr>
<tr>
<td>Taylor</td>
<td>3 General Session: Central Asian Archaeology</td>
</tr>
<tr>
<td>Wilson A</td>
<td>4 General Session: Southwest Asia: Mesolithic,</td>
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<tr>
<td>Jefferson</td>
<td>5 General Session: Surveys and Settlement Patterns</td>
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<tr>
<td>Exhibit Hall B South</td>
<td>6-15 Poster Sessions</td>
</tr>
<tr>
<td>Jackson</td>
<td>16 General Session: Arctic North America</td>
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<tr>
<td>Wilson B</td>
<td>17 General Session: Andean Archaeology: Formative</td>
</tr>
<tr>
<td>Johnson</td>
<td>18 General Session: Survey, Remote Sensing and Site Formation in Mary C</td>
</tr>
<tr>
<td>Maryland C</td>
<td>20 General Session: Research from Oceania and the Australian</td>
</tr>
<tr>
<td>Taft</td>
<td>21 General Session: Migration, Trade and Mobility in North America</td>
</tr>
<tr>
<td>Hoover</td>
<td>22 General Session: Material Culture Analysis in the Northeast</td>
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<tr>
<td>Maryland A</td>
<td>23 General Session: Historic Archaeology in the Old World</td>
</tr>
<tr>
<td>Maryland B</td>
<td>24 General Session: East Asia: the Protohistoric and Historic Periods</td>
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<tr>
<td>Washington Room 6</td>
<td>25 General Session: Identity, Gender and Ethnicity</td>
</tr>
<tr>
<td>Wilson C</td>
<td>26 General Session: Midwestern North America: Village Farmers</td>
</tr>
<tr>
<td>Madison A</td>
<td>27 General Session: The Ancestral Pueblo Period</td>
</tr>
<tr>
<td>Truman</td>
<td>28 General Session: Prehistoric and Protohistoric Research from Europe</td>
</tr>
<tr>
<td>Th. Marshall Ballroom East</td>
<td>30 General Session: Sociopolitical Organization and Architecture in Maya Archaeology</td>
</tr>
<tr>
<td>Washington Room 1</td>
<td>31 General Session: Highland Mesoamerica</td>
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<tr>
<td>Lincoln 2</td>
<td>32 General Session: African Archaeology</td>
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<tr>
<td>Washington Room 3</td>
<td>33 General Session: Iconography, Symbolism and Identity in Mesoamerica</td>
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<tr>
<td>Th. Marshall Ballroom South</td>
<td>34 General Session: Coastal and Island Archaeology</td>
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<tr>
<td>Lincoln 4</td>
<td>35 General Session: Landscape and Ecology in the Southeastern United States</td>
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<tr>
<td>Washington Room 2</td>
<td>36 General Session: Contact Period Archaeology</td>
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<tr>
<td>Lincoln 6</td>
<td>37 General Session: Preclassic, Classic and Postclassic Maya</td>
</tr>
<tr>
<td>Washington Room 4</td>
<td>38 General Session: The Archaeology of the Great Basin and California</td>
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<tr>
<td>Marriott Salon 3</td>
<td>39 General Session: Historic Archaeology in the New World</td>
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<tr>
<td>Washington Room 5</td>
<td>40 General Session: Digital Landscapes I – Applications in GIS</td>
</tr>
<tr>
<td>Lincoln 5</td>
<td>41 General Session: Old World Palaeolithic</td>
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<tr>
<td>Lincoln 3</td>
<td>42 General Session: Cultural Resources and Heritage Management in the Americas</td>
</tr>
<tr>
<td>Marriott Salon 2</td>
<td>43 General Session: Zooarchaeology and Subsistence</td>
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<tr>
<td>Time</td>
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<tr>
<td>1:00 PM</td>
<td>Jackson 57 Symposium: Archaeological Research in the Hispanic</td>
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<td>Park Tower Suite 8222</td>
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<tr>
<td>2:00 PM</td>
<td>Wilson B 59 Electronic Symposium: Recent Developments in Mexican and</td>
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<td>Jefferson 60 Forum: Challenges in Teaching NAGPRA</td>
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<td>Johnson 61 Forum: Archaeology and Innovative Outreach: Beyond the</td>
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<td></td>
<td>Toft 62 Forum: Forensic Archaeology</td>
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<tr>
<td>3:00 PM</td>
<td>Tyler 63 General Session: Global Issues in Public Archaeology and</td>
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<td></td>
<td>Madison A 64 Symposium: New Research on Late Preceramic Peru: Perspectives</td>
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<tr>
<td></td>
<td>Washington Room 6 65 General Session: Andean Archaeology: Late and Late</td>
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<td>Intermediate</td>
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<tr>
<td>4:00 PM</td>
<td>Madison B 66 General Session: Mortuary Archaeology in the Americas</td>
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<td>Truman 67 General Session: Global Studies on Slavery</td>
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<tr>
<td></td>
<td>Washington Room 5 68 General Session: Digital Landscapes II –</td>
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<td></td>
<td>Photoogrammetry, Remote Sensing and</td>
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<td>Hoover 69 General Session: Ceramic Analysis</td>
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<tr>
<td>5:00 PM</td>
<td>Wilson C 70 General Session: Conservation and Museum Studies</td>
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<td></td>
<td>McKinley 71 General Session: Southwest Asia: Bronze, Iron and Historic</td>
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<tr>
<td>6:00 PM</td>
<td>Taylor 72 Symposium: Research and Management of Traditional Cultural</td>
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<td>Properties in the Southwest</td>
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<td>Wilson A 73 General Session: Iconography and Rock Art</td>
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<tr>
<td>7:00 PM</td>
<td>Harding 74 General Session: Dating Techniques</td>
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<tr>
<td></td>
<td>Maryland A 75 Symposium: Landscapes of Warfare: A Comparative Perspective</td>
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<tr>
<td>8:00 PM</td>
<td>Maryland B 76 Symposium: Emerging from the Shadow of the Colba: Recent</td>
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<tr>
<td></td>
<td>Research in Maya</td>
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<tr>
<td>9:00 PM</td>
<td>Th. Marshall Ballroom East 77 General Session: Archaeometry and Materials</td>
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<tr>
<td></td>
<td>Analysis</td>
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<tr>
<td>10:00 PM</td>
<td>Delaware B 78 Symposium: Marine Archaeology: Retrospective/Prospective</td>
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<tr>
<td>11:00 PM</td>
<td>Washington Room 4 79 Symposium: Papers in Honor of Dennis Stanford</td>
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<tr>
<td>12:00 PM</td>
<td>Maryland C 80 Symposium: The Flexible Maya City: Attraction, Contraction,</td>
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<td></td>
<td>and Planning in Classic Urban Dynamics</td>
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<tr>
<td>1:00 PM</td>
<td>Marriott Salon 3 81 General Session: Southeastern North America from</td>
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<tr>
<td></td>
<td>Prehistory to the Contact Period</td>
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<tr>
<td>2:00 PM</td>
<td>Lincoln 4 82 Symposium: Sociopolitical Integration in Prehispanic</td>
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<tr>
<td></td>
<td>Neighborhoods: Comparative Perspectives</td>
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<tr>
<td>3:00 PM</td>
<td>Delaware A 83 Symposium: Beyond Centrality: Bridging Network Approaches</td>
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<td>through Archaeological Narratives</td>
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<tr>
<td>4:00 PM</td>
<td>Washington Room 3 84 Symposium: Shell Middens: Formation, Function,</td>
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<td></td>
<td>Survey, and Endangered Cultural/Paleoenvironmental Heritage</td>
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<tr>
<td>5:00 PM</td>
<td>Lincoln 3 85 General Session: Global Approaches to Landscape Archaeology</td>
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<tr>
<td>6:00 PM</td>
<td>Washington Room 2 86 General Session: Global Approaches to</td>
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<td>Paleoenhbotany</td>
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<tr>
<td>7:00 PM</td>
<td>Washington Room 1 87 Symposium: The Archaeology of Childcare</td>
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<tr>
<td>8:00 PM</td>
<td>Lincoln 5 88 General Session: Bioarchaeology and Forensic Anthropology</td>
</tr>
<tr>
<td>9:00 PM</td>
<td>Th. Marshall Ballroom South 89 General Session: Experimental Archaeology</td>
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<tr>
<td>10:00 PM</td>
<td>Lincoln 6 90 Symposium: Discs, Fish, Squirrels and Scat: Papers in</td>
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<tr>
<td>11:00 PM</td>
<td>Exhibit Hall B South 91-95 Poster Sessions</td>
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<tr>
<td>12:00 PM</td>
<td>Marriott Salon 2 96 Forum: Bears Ears, the Antiquities Act, and the</td>
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<td>1:00 AM</td>
<td>97 Symposium: Advances in</td>
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<td>2:00 AM</td>
<td>98 Symposium: Advances in</td>
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<td>3:00 AM</td>
<td>99 Symposium: Advances in</td>
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<td>4:00 AM</td>
<td>100 Symposium: Advances in</td>
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<td>Sessions at a Glance: Thursday Evening, April 12</td>
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<tr>
<td>Thursday April 12</td>
<td>5:00 PM</td>
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<tr>
<td>Exhibit Hall B South</td>
<td>98-106 Posters After Hours</td>
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<tr>
<td>Taft</td>
<td>107 Symposium: “Ethical”</td>
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<tr>
<td>Johnson</td>
<td>108 Symposium: Real, Recent, or Replica?</td>
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<tr>
<td>Park Tower Suite 8222</td>
<td>109 Electronic Symposium: Debt in Pre-Modern</td>
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<tr>
<td>Jefferson</td>
<td>110 Electronic Symposium: Practicing</td>
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<tr>
<td>Jackson</td>
<td>111 Electronic Symposium: Environmental</td>
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<tr>
<td>Truman</td>
<td>112 Forum: Mentoring Undergraduate Research</td>
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<tr>
<td>Maryland A</td>
<td>113 Symposium: Seascapes, Waterscapes and</td>
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<tr>
<td>Taylor</td>
<td>114 Symposium: Indigenous Archaeologies: Global</td>
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<tr>
<td>Washington Room 6</td>
<td>115 Symposium: Results of the NEH- and NGS-funded Excavation</td>
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<tr>
<td>Wilson A</td>
<td>116 Symposium: Anthropogenic Rainforest: Landscape Management in the</td>
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<td>Wilson B</td>
<td>117 Symposium: Voicing the Colonized: An Exploration of Differing</td>
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<tr>
<td>Washington Room 5</td>
<td>118 General Session: Advances in Digital Archaeology</td>
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<tr>
<td>Wilson C</td>
<td>119 Symposium: 1300-1500 CE: Migration, Relocation, and Abandonment in Eastern</td>
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<tr>
<td>McKinley</td>
<td>120 Symposium: Fluted Point Technology: Variation across a Hemisphere</td>
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<tr>
<td>Harding</td>
<td>121 Symposium: Urbanism, Technology, and Identity: Celebrating the Comparative</td>
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<tr>
<td>Hoover</td>
<td>122 Symposium: Agent of Change: The Deposition and Manipulation of Ash in the</td>
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<tr>
<td>Madison A</td>
<td>123 Symposium: Material Culture and Multivocal Cultural Dialogue in the</td>
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<tr>
<td>Madison B</td>
<td>124 Symposium: Intra-Site Spatial Analysis of Mobile Peoples: Analytical</td>
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<tr>
<td>Tyler</td>
<td>125 Symposium: Getting to Know the Neighbors: Archaeological Investigations of</td>
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<tr>
<td>Washington Room 1</td>
<td>126 Symposium: Coprolite Research: Archaeological and Paleoenvironmental</td>
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<tr>
<td>Washington Room 2</td>
<td>127 Symposium: Reconstructing Forager Lifeways at the Pleistocene-Holocene</td>
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<tr>
<td>Lincoln 2</td>
<td>128 Symposium: Classic Veracruz Deities</td>
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<tr>
<td>Lincoln 3</td>
<td>129 Symposium: Palimpsest Urbanism: Charting the Long-term Development of the</td>
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<tr>
<td>Lincoln 4</td>
<td>130 Symposium: Digital Heritage Technologies, Applications and Impacts</td>
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<tr>
<td>Maryland C</td>
<td>131 Symposium: Perspectives on Documentary Relations, Ethnographic Observations and</td>
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<tr>
<td>Delaware A</td>
<td>132 Symposium: Are We Inkas? Inkas and Local Politics Interactions as Seen through the</td>
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<tr>
<td>Delaware B</td>
<td>133 Symposium: Chasing Hunter-Gatherers and Early Farmers in the Great Lakes and Beyond ~</td>
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<tr>
<td>Maryland B</td>
<td>134 Symposium: New Approaches to the Archaeology of Ritual in the Subterranean Realm</td>
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<tr>
<td>Washington Room 3</td>
<td>135 Symposium: Burning Libraries: Environmental Threats to Heritage and Science</td>
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<tr>
<td>Washington Room 4</td>
<td>136 Symposium: Performing in the Shadows: Ritual Production in Caves and Rockshelters</td>
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<tr>
<td>Marriott Salon 3</td>
<td>137 Symposium: Next Generation Archaeological Science: Everything You Wanted to Know But Were</td>
</tr>
<tr>
<td>Lincoln 5</td>
<td>138 Symposium: Archaeological Collections Care for the Collections Specialist: Current Topics and</td>
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<tr>
<td>Lincoln 6</td>
<td>139 Symposium: Contextualizing Museum Collections at the Smithsonian Institution</td>
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<tr>
<td>Th. Marshall Ballroom East</td>
<td>140 Symposium: Extraction Sites and Cultural Landscapes</td>
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<tr>
<td>Th. Marshall Ballroom South</td>
<td>141 Symposium: Artifact Characteristics, Production Processes and Social Interactions in the Andean</td>
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<tr>
<td>Marriott Salon 2</td>
<td>142 Symposium: Reconceptualizing Rurality: Current Research in the Ancient Maya Hinterlands</td>
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## Sessions at a Glance: Friday Afternoon, April 13

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

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<tr>
<th>Time</th>
<th>Location</th>
<th>Room/Session</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Madison B</td>
<td>Symposium: The Atlantic Iron Age and the Cividade de Nh-pl.</td>
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<tr>
<td>9:00 AM</td>
<td>Taft</td>
<td>Symposium: Archaeologies of Infrastructure: Material</td>
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<tr>
<td>10:00 AM</td>
<td>Delaware B</td>
<td>Electronic Symposium: Futures and Challenges in</td>
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<tr>
<td>11:00 AM</td>
<td>Jackson</td>
<td>Symposium: Military Archaeology Resources Subgroup Forum:</td>
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<tr>
<td>12:00</td>
<td>Jefferson</td>
<td>Forum: Enough Talking Already: Time to Define Public</td>
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<tr>
<td></td>
<td>Washington Room 5</td>
<td>Forum: The Nuts and Bolts of Agent-Based Modelling for</td>
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<td></td>
<td>Park Tower Suite 8222</td>
<td>Forum: Least Cost Path to Reduce the Gender Gap: Female</td>
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<td></td>
<td>Park Tower Suite 8212</td>
<td>Forum: Heritage Still Matters: Archaeology and Community</td>
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<td></td>
<td>Park Tower Suite 8206</td>
<td>Forum: The Intangible Dimensions of Food in the Caribbean</td>
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<td>Exhibit Hall B South</td>
<td>238-242 Poster Sessions</td>
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<tr>
<td></td>
<td>Park Tower Suite 8216</td>
<td>Symposium: Belize CAMP 2017: Excavations, Analysis, and</td>
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<td></td>
<td>Delaware A</td>
<td>Symposium: Investigations into Submerged Prehistory:</td>
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<td></td>
<td>Lincoln 2</td>
<td>Symposium: On the Shoulders of Giants: Long-Term</td>
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<td>Lincoln 3</td>
<td>Symposium: Lightning Hounds: geochimistry and identity</td>
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<tr>
<td></td>
<td>Johnson</td>
<td>Symposium: The Climate Realities of Cultural Heritage and</td>
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<td></td>
<td>Washington Room 6</td>
<td>Symposium: Looking Down on Mesoamerica: Applying</td>
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<td></td>
<td>Hoover</td>
<td>Symposium: Variability that Lives: Ecological, Political and Social Adaptations to</td>
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<tr>
<td></td>
<td>Washington Room 1</td>
<td>Symposium: Novel Analytical Approaches to Archaeology in the Far North</td>
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<tr>
<td></td>
<td>Wilson A</td>
<td>Symposium: Archaeology in and around the Nation's Capital</td>
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<td>Wilson B</td>
<td>Symposium: Monumentality and the Preclassic Maya</td>
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<td></td>
<td>Harding</td>
<td>Symposium: The Cultural Affiliation of the Ancient One (Kennewick Man)</td>
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<td></td>
<td>Wilson C</td>
<td>Symposium: Plants got a lot to say if you take the time to listen: Gardens in the American</td>
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<tr>
<td></td>
<td>Washington Room 2</td>
<td>Symposium: Breaking Down Material Assumptions of Identity</td>
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<td>Lincoln 6</td>
<td>Symposium: Researching the Ancient Maya of Pacbitun, Belize: A Decade of Archaeological Discovery</td>
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<td>Lincoln 4</td>
<td>Symposium: Complicating Histories: Archaeological Challenges to Narratives of Cohesion in the Inka</td>
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<td></td>
<td>Washington Room 3</td>
<td>Symposium: Deep Ecologies of Northern New Mexico</td>
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<td></td>
<td>Washington Room 4</td>
<td>Symposium: Advances in the Prehistory of Southern Costa Rica and Western Panama: New Perspectives on the Archaeology</td>
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<td>Marriott Salon 3</td>
<td>Symposium: Tough Issues in Land Management Archaeology</td>
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<td>Marriott Salon 1</td>
<td>Symposium: Developing Macro-Regional Perspectives on Formative Central Mexico: Inside and Outside Views of Social</td>
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<td></td>
<td>Marriott Salon 2</td>
<td>Symposium: Exploring Mobility and Multicultural Lifeways in Pre-Columbian Central America</td>
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<tr>
<td>Johnson</td>
<td>271 Symposium: Formations of Black History and Culture</td>
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<tr>
<td>Jefferson</td>
<td>273 Symposium: Hegemonic Processes and Strategies of Black History and Culture</td>
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<tr>
<td>Madison B</td>
<td>274 Symposium: Silk Purse from Sows' Ears: A Session in</td>
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<tr>
<td>Lincoln 6</td>
<td>275 Electronic Symposium: Spanish Colonialism in the Global</td>
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<tr>
<td>Park Tower Suite 8206</td>
<td>276 Forum: Keeping Our Secrets: Sharing and Protecting</td>
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<tr>
<td>Wilson C</td>
<td>277 Forum: SANNA: Social Archaeology of the North and North</td>
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<tr>
<td>Park Tower Suite 8222</td>
<td>278 Forum: Commemoration, Memorials, and Preservation:</td>
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<tr>
<td>Taft</td>
<td>279 Forum: SKOPE: How We Are Making Paleoenvironmental Data</td>
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<tr>
<td>Washington Room 5</td>
<td>280 Forum: In the Eyes of the Law: Contextualizing Archaeological</td>
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<tr>
<td>Harding</td>
<td>281 Forum: Exploring the Path Forward: The Boy Scout</td>
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<tr>
<td>Park Tower Suite 8216</td>
<td>282 Symposium: Us and Them: The Bioarchaeology of Belonging</td>
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<tr>
<td>Delaware B</td>
<td>283 Symposium: The Human Journey: Understanding Human</td>
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<tr>
<td>Park Tower Suite 8212</td>
<td>284 Symposium: Early Neolithic in the Lower Yangtze: The Shangshan</td>
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<td>Washington Room 6</td>
<td>285 Symposium: Mesoamerican Chipped Stone: A Regional Perspective from the</td>
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<tr>
<td>Wilson A</td>
<td>286 Symposium: Is Digital Always Better?</td>
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<td>Wilson B</td>
<td>287 Symposium: Pottery in Practice: the Production and Use of Ceramics in the</td>
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<td>Delaware A</td>
<td>288 Symposium: From Early Formative to Postclassic in the Mixtecs of Oaxaca: The</td>
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<tr>
<td>Hoover</td>
<td>289 Symposium: Now that I have my degree, what do I do? Going from the</td>
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<tr>
<td>Lincoln 2</td>
<td>290 Symposium: Mentoring the Miscellaneous: Papers in Paleoethnobotany</td>
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<td>Lincoln 4</td>
<td>291 Symposium: Extending the Legacy of the Late Stephen Williams</td>
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<td>Lincoln 3</td>
<td>292 Symposium: Integrating Climate Change into Archaeological Curricula</td>
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<tr>
<td>Washington Room 1</td>
<td>293 Symposium: Project Plaza of the Columns Complex: New Investigation of a Civic-Administrative</td>
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<td>Washington Room 2</td>
<td>294 Symposium: “Wicked Awesome” Archaeology: New Data and Directions in the Archaeological Northeast</td>
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<tr>
<td>Washington Room 3</td>
<td>295 Symposium: Human Action and Deep Time: A Return to Time and Scale in Archaeology</td>
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<tr>
<td>Lincoln 5</td>
<td>296 Symposium: &quot;Irishness&quot; Worldwide: Confronting the Visibility of Material Identity in the Past and Present</td>
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<tr>
<td>Marriott Salon 1</td>
<td>297 Symposium: Ritual Ecologies of Food Production in the Ancient World</td>
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<tr>
<td>Washington Room 4</td>
<td>298 Symposium: Archaeological Science Meets the Classics: Emerging Knowledge in the Ancient Eastern Mediterranean World</td>
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<tr>
<td>Marriott Salon 2</td>
<td>299 Symposium: Current Archaeological Research in Eastern, Central, and Southern Honduras</td>
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<tr>
<td>Marriott Salon 1</td>
<td>300 Symposium: Preliminary Results: 2017 Field Season, Programa Arqueologico Prehistoria Urbana de Huari</td>
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<tr>
<td>Exhibit Hall B South</td>
<td>301-306 Poster Sessions</td>
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## Sessions at a Glance: Sunday Morning, April 15

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<th>Time</th>
<th>Location</th>
<th>Session Name</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Park Tower Suite 8206</td>
<td>313 Electronic Symposium: From the Ground Up: Updates and</td>
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<tr>
<td></td>
<td>Lincoln 2</td>
<td>315 Forum: Advances and Prospects in the Archaeological</td>
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<td></td>
<td>McKinley</td>
<td>316 Forum: Making Archaeology FAIR</td>
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<td></td>
<td>Park Tower Suite 8219</td>
<td>317 Forum: Gender through the Generations</td>
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<td></td>
<td>Park Tower Suite 8222</td>
<td>318 Forum: Archaeology, Sustainability and Energy</td>
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<td></td>
<td>Park Tower Suite 8212</td>
<td>319 Forum: 2018 European Year for Cultural Heritage: An</td>
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<td>Park Tower Suite 8216</td>
<td>320 Forum: Cityscapes and Landscapes: Benefits &amp; Challenges of</td>
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<td>Lincoln 4</td>
<td>321 Forum: Virtual and Digital Ethics</td>
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<td></td>
<td>Washington Room 1</td>
<td>322 Lightning Rounds: It's Harder Than It Looks: The Realities and</td>
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<td>Washington Room 6</td>
<td>323 Symposium: Disentangling Human-Plant Interrelationships in</td>
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<td></td>
<td>Delaware A</td>
<td>324 Symposium: The Equatorial Andes: Recent Research and New</td>
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<td></td>
<td>Hoover</td>
<td>325 General Session: Southwestern North America</td>
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<td></td>
<td>Washington Room 5</td>
<td>326 Symposium: The Veterans Curation Program: An Innovative Approach to</td>
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<td>Wilson A</td>
<td>327 Symposium: From Program to Practice: Pragmatic Philosophy and Archaeology</td>
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<td>Wilson C</td>
<td>328 Symposium: Native American Sites Archaeology in the Middle Atlantic: Current Topics</td>
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<td>Lincoln 3</td>
<td>329 Symposium: Challenges and Advances in the Archaeology and Paleoanthropology of Non-</td>
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<td>Washington Room 2</td>
<td>330 Symposium: The Proyecto Costa Escondida: Recent Interdisciplinary Research along the</td>
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<td>Lincoln 5</td>
<td>331 General Session: Education, CRM and Public Archaeology</td>
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<td>Washington Room 3</td>
<td>333 Symposium: The Legacies of Archaeologists in the Andes</td>
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<td>Lincoln 6</td>
<td>334 Symposium: Government, Universities, and Heritage Stewardship: A Student and Young Professional Symposium</td>
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<td>Washington Room 4</td>
<td>335 Symposium: Regional Interaction during the Andean Middle Horizon: Ongoing Research in the Peruvian South Coast and</td>
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<td>Washington Room 3</td>
<td>336 Symposium: Hills, Valleys, and Plateaus: Exploring Human Landscape of Mountainous Regions in East and Central Asia</td>
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<td>Lincoln 5</td>
<td>337 Symposium: La Corona Archaeological Project: Ten Years of Research in Northwestern Peten, Guatemala</td>
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<td>Madison B</td>
<td>337a Symposium: Repatriation Under the NMAI</td>
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<td>Jefferson</td>
<td>337b Symposium: African Diaspora Archaeology</td>
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<td>Jackson</td>
<td>337c Forum: NAGPRA Matters: Reflections from Emerging</td>
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</tbody>
</table>
[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 Letícia 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 Geoaarchaeology 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 Parnish, Jean-Luc Houle, Jamsranjav Bayarsaikhan and Matthew Fuks—Paleodiets 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

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 Khiran 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 Weltzel, Brian Codding, 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
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 Nordensjöld, Ultima Esperanza, Chile: A Late Pleistocene Faunal Assemblage  
7-c Samantha Michell, Jennifer Marla Toyne, Alfredo Narvaez and Víctor 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 Cornejo—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 (OMJLP-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 Joshuah 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 • ARCHAEOMETRY 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-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

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

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 Chmurana Sarah Gililand—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-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 Slotten 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 Wantschik—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 Tläkw.aan (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
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 Taucachi-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
9:30 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 Zapatitan 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 Vicek—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
10:00 Richard Paine, Richard Hansen, Carlos Morales-Aguilar and Kevin Johnston—Issues Reconstructing the Ancient Population of El Mirador, Guatemala

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 Mujular, 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 Nuku‘aloa Kai, Kaua‘i Island
9:30 Nick Belluzzo—“The Other Half of the Sky”: Competitive Anarchy in Contact-Era Palau
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 Toonay 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 Broadspor Assemblage Type

10:15 Lauren Herckis—Archaeology as Anthropology: Chaîne Opératoire 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 Salami Mosque

8:15  Carina Bramstång 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 Psalmodi, 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 Géraud, Florian Téreygeol 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 Zhoubng—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
9:30 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 Alveshere—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
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—Balcourts, Towers, and Urbanism in the Chenes region, Campeche
8:45 Cynthia Kristan-Graham—The Poetics and Politics of Acoustics at Chichen Itza, Yucatan, Mexico
9:15 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
9:30 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 (δ13C, δ15N, and δ34S) 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)

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 Armiio Torres, William Folan and Hubert Robichaux—All Politics Isn’t Local: The Role of Oxpemul in Classic Maya Geopolitics

9:00 Tomás Gallarate 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 Borroto—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 Xiuhtecutli, 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 Quetzalcocatl 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 Miscellanea 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
9:30 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, Verenice Heredia Espinoza and Richard Biont—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, Tiemperos, 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’Odienne, Nord-ouest de la Cote 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 Ulitz 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 Lindstrom and Ezra Zubrow—A Small Rock Holding Back the Waves

10:30 Carola Flores-Fernandez, Veronica Alcalde, Laura Olguín, 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

GENERAL SESSION ■ LANDSCAPE AND ECOLGY 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


10:30  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 Codding—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 Etzanoa: A Megasite 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 Achitula, 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’Briant 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 Cummar—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


11:00 Kevin Wiley and Joseph Schuldenrein—Riverside 2: Urban Archaeology, Landscape Reconstruction, and Public Engagement
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
9:30 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 Surmeley, 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, Tsheendorj 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, Mikhail 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 Tajín: 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 SUSTAINABILITY

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 Maclsaac—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 Bebber, 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 Shunshanjji 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 ARCHAEOLOGY IN ANDEAN ARCHAEOLOGY
Room: Jefferson
Time: 10:30 AM–12:00 PM
Chair: Jose-Luis Sagripanti
Program of the 83rd Annual Meeting

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 Patternning 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 Magón 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-Abrego—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 Klinegolfer—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
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)
Program of the 83rd Annual Meeting

Thursday Morning, April 12

[54] POSTER SESSION ■ A MEDITERRANEAN WORLD, 6000 BC–AD 2000: ARCHEOLOGY 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:
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 Textural 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, 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
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
Sílvia 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 Kilgroe—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 Falicia 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 Osores 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 Sícan, 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—Evalúando 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-War World: Late Intermediate Period Defensibility in the Huamanga and Huapra Provinces of Peru
2:30 Kasia Szremski—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 Período 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 Chavin de Huantar Peru Using Radiogenic Strontium Isotope (87Sr/86Sr) 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 Chincha 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 Andren, 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 Dores—Reading the Unseen: The Lagoa de Óbidos Maritime Cultural Landscape
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 Revisited 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
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>1:30</td>
<td>Ashleigh Breske</td>
<td>Politics of Repatriation, Formalizing Indigenous Cultural Property Rights</td>
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<tr>
<td>1:45</td>
<td>Jaye Smith, Kelley Hays-Gilpin, Linda Pierce and Chris Downum</td>
<td>The Ray Robinson Collection – A Successful Collaboration to Save Safford Basin Archaeological Artifacts</td>
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<tr>
<td>2:00</td>
<td>Martin Berger</td>
<td>From a Cave near Tehuacán? Reconstructing Object Histories of Looted Postclassic Mesoamerican Turquoise Mosaics</td>
</tr>
<tr>
<td>2:15</td>
<td>Rebecca Salem and Effie F. Athanassopoulou</td>
<td>Archaeology and Tourism in the Early 20th Century: Pompeii through a Photographic Archive</td>
</tr>
<tr>
<td>2:30</td>
<td>Rebecca B. Gonzalez Lauck</td>
<td>State of Conservation of the La Venta Stone Sculpture Corpus</td>
</tr>
<tr>
<td>2:45</td>
<td>Ariel Peasley and Georgia Fox</td>
<td>Digging the Dockyard: An Analysis of Curation Practices in Antigua</td>
</tr>
<tr>
<td>3:00</td>
<td>Emily Dean</td>
<td>The Mystical Past and the Lucrative Present: New Age Archaeological Tourism in the Andes</td>
</tr>
<tr>
<td>3:15</td>
<td>Ellen Hoobler</td>
<td>Cultural Exchange in Times of Crisis: A Historical Perspective from Mexico of the 1930s and ’40s</td>
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</tbody>
</table>

**GENERAL SESSION: SOUTHWEST ASIA: BRONZE, IRON AND HISTORIC PERIODS**

**Room:** McKinley  
**Time:** 1:00 PM–3:30 PM  
**Chair:** Uri Berger

**Participants:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>1:00</td>
<td>Seth Price</td>
<td>Abu Shusha: Integrating and Correlating Surface Features with Magnetic Susceptibility</td>
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<tr>
<td>1:30</td>
<td>Uri Berger and Gonen Sharon</td>
<td>An Israeli (real COOL) Dolmen</td>
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<tr>
<td>1:45</td>
<td>Katheryn Twiss, Melina Seabrook and Michael Charles</td>
<td>Plant and Animal Remains from Old Babylonian Ur</td>
</tr>
<tr>
<td>2:00</td>
<td>Mitra Panahipour</td>
<td>Patterns of Land-Use and Political Administration beyond the Core Areas of the Sasanian Empire</td>
</tr>
<tr>
<td>2:15</td>
<td>Karim Alizadeh</td>
<td>Climate Change or Muslims? Collapse of the Late Antique Sasanian Settlements, Mughan Steppe, Iranian Azerbaijan</td>
</tr>
<tr>
<td>2:30</td>
<td>Sarah MacIntosh, Levent Aliche and Sachihiro Omura</td>
<td>Assessing the Correlation between Bone Artifacts and Body Part Profiles: A Case Study from the Central Anatolian Site of Kaman-Kalehöyük</td>
</tr>
<tr>
<td>2:45</td>
<td>Paige Paulsen</td>
<td>Geospatial Analysis of Tumuli in the North Central Anatolian Plateau</td>
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<tr>
<td>3:00</td>
<td>Bulent Arıkan</td>
<td>Modeling the Changes in the Surface Processes at Arslantepe (Malatya) during the Early Bronze Age-I (ca. 5000–4750 cal. BP)</td>
</tr>
<tr>
<td>3:15</td>
<td>Gonca Dardeniz Arıkan and Tayfun Yıldırım</td>
<td>Metal and Vitreous Production Technologies at the Early Bronze Age Resuloğlu (Central Anatolia, Turkey)</td>
</tr>
</tbody>
</table>
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
1:30 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 Nanebah 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 Devièse, 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
1:45 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 Cherninsky 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)
Thursday Afternoon, April 12

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 Intersite 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. McNiel—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 ■ ARCHAEOMETRY 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
Thursday Afternoon, April 12

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  Lee Drake—An Open-Source Calibration Framework for XRF

3:30  Zuzana Chovanec—The Organic Residue Analysis from the Early Bronze Age Site of Sotira Kaminoudhia in Cyprus

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(?
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
4:00 Bruce Bradley—Legends of the Dinsmore Hilton

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 Arnauld

Participants:
1:00 Damien Marken and Charlotte Arnauld—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 Nondééo, Eva Lemonnier, Julien Hiquet, Louise Purdu 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
Thursday Afternoon, April 12

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 Bubp

Participants:
1:00  William Hranicky and Jack Hranicky—Paleoamerican Archaeology in Virginia
1:30  Alexander Crabl—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 Gilliam 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 Bubp—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
Thursday Afternoon, April 12

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

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 Gjesfjeld, 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
**Symposium on 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

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<tr>
<th>Time</th>
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<tr>
<td>1:00</td>
<td>Alice R. Kelley—Discussant</td>
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<td>1:15</td>
<td>Shari Silverman—Geoarchaeology of Lwalb Old Channel One (45KI815), South Park, Seattle, Washington</td>
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<tr>
<td>1:30</td>
<td>Philip Kajjankoski, 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</td>
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<tr>
<td>1:45</td>
<td>Leslie Reeder-Myers and Kathryn Cross—Scallop, Clam, and Oyster: 4500 Years of Shellfish Harvest on the Rappahannock River, Virginia</td>
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<td>2:00</td>
<td>Thomas Pluckhahn, Kendal Jackson and C. Trevor Duke—In Small Organisms Forgotten: Micro-fauna from Shell Middens at Crystal River (8C11) and Roberts Island (8C141) as Potential Proxies for Paleo-climate</td>
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<td>2:15</td>
<td>Richard Weinstein, Amanda Evans and Jessica Kowalski—Investigating Subsided and Drowned Shell Middens in Coastal Louisiana: Research at Sites 16SB47 and 16SB153</td>
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<td>2:30</td>
<td>Questions and Answers</td>
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<tr>
<td>2:45</td>
<td>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</td>
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<td>3:00</td>
<td>Emily Blackwood and Kate Pontbriand—Seasonal Analysis of Four Coastal Archaeological Sites in Eastern Maine Using Mollusks</td>
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<tr>
<td>3:30</td>
<td>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)</td>
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<td>4:00</td>
<td>Paul Roscoe and Alice R. Kelley—Middens or Monuments? The Shell Middens of Maine and the Construction of Peace</td>
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<td>4:15</td>
<td>Daniel H. Sandweiss—Discussant</td>
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</table>

**General Session: Global Approaches to Landscape Archaeology**

**Room:** Lincoln 3  
**Time:** 1:00 PM–4:30 PM  
**Chair:** Alexander Brown

<table>
<thead>
<tr>
<th>Time</th>
<th>Participants</th>
</tr>
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<tbody>
<tr>
<td>1:00</td>
<td>William Balco, Scott Kirk and Michael J. Kolb—Pixellated Survey: Archaeology at Monte Bonifato, Sicily</td>
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<tr>
<td>1:15</td>
<td>Jennifer Huebert and Melinda S. Allen—Arboriculture, Translocated Flora, and Ecological Inheritance in the Marquesas Islands, East Polynesia</td>
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<tr>
<td>1:30</td>
<td>Deanna Bailey—Landscape Archaeology &amp; the Irish Chalcolithic – Early Bronze Age: Discovering Termon, Co. Clare, Ireland</td>
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<tr>
<td>1:45</td>
<td>Alexander Brown—The Archaeology of Gossip: Delineating the Space of...</td>
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</tbody>
</table>
# Program of the 83rd Annual Meeting

**Thursday Afternoon, April 12**

## Interpersonal Performance

2:15  
Justin Reamer—Planting the Empty Spaces: Estimating Field Size from Storage Pits in the Upper Delaware Valley

2:30  
Sarah Kumnick—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 Diversified Environmental Setting in Prehistoric Eastern Sicily

4:15  
Amy Roache-Fedchenko—Spatial Modeling of 18th Century Blacksmith Shops

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### 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: Paleoenvironmental 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-Oriati 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
Thursday Afternoon, April 12

3:45  Nicole Herzog, Lisbeth Louderback and Bruce Pavlik—Comparing Starch Granules from Wild and Cultivated Solanum jaimiesii 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

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


2:45  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 Disability 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—Archaeothanatological 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 Šēḫ Hamad, 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 Bebber 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
Program of the 83rd Annual Meeting

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 Ahrlichs, 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-Impressed 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 Synstelien and Heil 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


3:30 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

Poster Session: 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 Corf, 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 Leitermann—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 XSX 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 Arley 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 Codding 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 Codding—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 Codding 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 Kuyper and David Zeanah—Evaluating a Stratified, Prearchaic, Open-Air Site in Grass Valley, Nevada
92-m Ryan Bradshaw, Martijn Kuyper, 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 Codding—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: Gibránn Becerra and Lourdes Budar

Participants:
93-a Gibránn 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
Program of the 83rd Annual Meeting

Thursday Afternoon, April 12

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 causas modificadas 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 Rareshide—Making Stone Tools to Connect with Past People: A Case Study in Active Learning about Lithics with the Fernandeño 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-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
Thursday Afternoon, April 12

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

(SAA President-Sponsored Session)
Room: Marriott Salon 2
Time: 3:00 PM–5:00 PM
Moderator: William Doelle

Participants:
Francis McManamon—Discussant
Bruce Babbit—Discussant
Carleton Bovekaty—Discussant
Willie Grayeyes—Discussant
Josh Ewing—Discussant
Barbara Pahl—Discussant
Lyle Balenquah—Discussant
William Lipe—Discussant
R. E. Burnillo—Discussant
Benjamin Bellorado—Discussant
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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 Valdebenito—Ancient DNA Investigations of Possible Casas Grandes – Chalchihuities 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
Thursday Evening, April 12

Thursday Evening April 12, 2018

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 Saltabau, 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 Hodkins—Zooarchaeological Analysis of a Late Pleistocene Interglacial-Glacial Transition at Pinnacle Point Site 5-6, South Africa
[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 Chinchua 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
Thursday Evening, April 12

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 Archaeological 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
Thursday Evening, April 12

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-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
Thursday Evening, April 12

[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 Nabi, 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 Mcrostie 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 Perretta, 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 Derose 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
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-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

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
Program of the 83rd Annual Meeting

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 Alalay—Indigenous Knowledge in Dangerous Times: Research Partnerships, Knowledge Mobilization, and Public Engagement
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 Propagandization 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
Program of the 83rd Annual Meeting

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 Widowinski, 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 Geraldes 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 Progresso 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 Azucár 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-ye 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 André 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

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
[121] Symposium: Urbanism, Technology, and Identity: Celebrating the Comparative Archaeology of Rita P. Wright

Room: Harding
Time: 6:00 PM–9:00 PM
Chairs: Sneh Patel, Pam Crabtree and Adam Green

Participants:
6:00 Adam Green, Sneh 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 Sneh 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
Program of the 83rd Annual Meeting

Thursday Evening, April 12

7:30 Samantha Fladd, Saul Hedquist, E. Adams and Stewart B. Koyymuptewa—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 CRIOLO 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 Mark Hauser—Language Shift and Material Practice
8:00 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 Ardern 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
6:30 Ainara Sistiaga, Sepideh Parkour, Mathilde Poyet and Roger Summons—Variation in 5βstanols Excretion in Humans and Its Implications for the Application of Fecal Biomarkers in Archaeology
6:45 Mara Schumacher, Susan Mentzer, Cynthianne Debono Spteri and Mihriban Özbasaaran—Biomolecular and Micromorphological Analysis of Suspected Fecal Deposits at Neolithic Aşılı 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 Conneky Caves (3SLK50), 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
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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 Pajían 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 VERA CRUZ DEITIES
Room: Lincoln 2  
Time: 6:00 PM–9:15 PM  
Chairs: Rex Koontz and Cherra Wyllie

Participants:
6:00  Cherra Wyllie—Discussant
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 Ladrón De Guevara—The Eyes of God
7:45  Rex Koontz—A Tajín 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 Tajín 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
7:30 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, Ilena 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-Tagüeña, 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
8:30    Polly Schraaferma—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 Ariola

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 Cotla, Chimborazo Province (Ecuador)

7:00 Luisa Esther Diaz Arriola—Ychsma Cultural Identity in Armatambo during Inca’s Occupation, Peruvian Central Coast


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 Barragen—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 Andrea Ogaz, Samantha Lorenz and Toni Gonzalez—Revisiting the Mortuary Function of Chultunes
6:15 Rebecca Sload—Means, Motive, and Opportunity: Use of the Sun Pyramid Cave at Teotihuacan Post Termination
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 Kuruktun, 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 Erinn 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
9:30 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
Program of the 83rd Annual Meeting
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, Jacquelynn 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 Machauese López—Walking into the Shadows in the Iberian Ritual Caves (6th–1st Centuries BC)

8:45  Agni Prijateli—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 Martinón-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, Shibu 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 Martinón-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 Ostapkowicz 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 Giaccai—Re-contextualizing Pre-Columbian Gold and Resin Artifacts from Panama in the National Museum of the American Indian

7:30  

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

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

**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:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00</td>
<td>Ann Peters</td>
<td>Cultivation and Herding Practices, Fiber Colors and Textile Styles in the Paracas–Nasca Transition</td>
</tr>
<tr>
<td>6:15</td>
<td>Michelle Young</td>
<td>From Near and Far: Application of Archaeometric Techniques to Characterize Regional and Long-Distance Interaction at the Formative Period Center of Atalla, Peru</td>
</tr>
<tr>
<td>6:30</td>
<td>Christian Mader, Markus Reindel and Johny Islia</td>
<td>Sea Shells in the Mountains and Llamas on the Coast: The Vertical Economic Organization of the Paracas in Palpa, South Peru (370–200 BC)</td>
</tr>
<tr>
<td>6:45</td>
<td>Dawn Kris, Ellen Howe and Judith Levinson</td>
<td>A Technical Study of Post-Fire Painted Paracas Ceramics: Regional Exchange and Material Culture</td>
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<tr>
<td>7:00</td>
<td>Jessica Lévy</td>
<td>A Pyro-Engraved Gourd from Cahuachi: Iconographic and Technical Analysis of a Nasca Masterpiece</td>
</tr>
<tr>
<td>7:15</td>
<td>Kathleen Huggins</td>
<td>It's (Not) Just a Phase: Characterizing Surfacing Techniques in the Ancient Andes</td>
</tr>
<tr>
<td>7:30</td>
<td>Elizabeth Klarich and Laure Dussubieix</td>
<td>Making and Moving Pottery in the Northern Lake Titicaca Basin, Peru</td>
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<tr>
<td>7:45</td>
<td>Olga Gabelmann</td>
<td>Investigations on the Chaîne Opératoire, Technique and Practice: Formative Period Pottery Workshops in the Cochabamba Valley</td>
</tr>
</tbody>
</table>
Thursday Evening, April 12

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 Estuquíña 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—Produccion metalurgica en la Costa Sur: de Paracas a Nasca

9:45 Izumi Shimada—Discussant

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 Bu’ó’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, María 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
Thursday Evening, April 12

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

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

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 Marc Vander Linden—“British”, “Irish” and “Continental”: Practising Comparative in the Later Prehistory of North-Western Europe
9:15 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, 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 “Problematical”
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
Program of the 83rd Annual Meeting 121

Friday Morning, April 13

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 Wagensonner—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
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)
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 Elliot, 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
Program of the 83rd Annual Meeting

Friday Morning, April 13

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 (Sambucus 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-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 ■ Archaeometry 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-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 Siguas, 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. Wemke—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 Zeannah 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 Rodríguez—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 Faulseth—Convergence of Tears at Momonga: Spiritual, Social and Personal Interactions of the Multiethnic Mourning Ceremony
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[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 Gilceland, 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
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[158] SYMPOSIUM { MÁS ALLA 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 Nopalca, Juquila, Oaxaca
9:15 Julio Ibarra—Trabajos de Conservación Arquitectónica en el Sitio Arqueológico de San Pedro Nexichó, Colaboración INAH-FAHCO-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
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[160] LIGHTNING ROUNDS ENGAGING “ALTERNATIVE ARCHAEOLOGY” IN THREE MINUTES OR LESS!
Room: Taft
Time: 8:00 AM–10:00 AM
Moderator: Khori 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
9:30 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—Sabanas 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
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

**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 Yaxchilán
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

**Symposium: New Findings from the Far Western Pueblan 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  Lauren 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 Puebloans: 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 Guitarría (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 Chimú 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
Friday Morning, April 13

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 George 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 Gisladóttir and Nataasha 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 Daniel Juliusson, 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, Chilapas, 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
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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 Archaeology
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 McNece, 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 Patzcuaro Basin
8:30 Kyle Urquhart—Ireta: An Ethnohistoric and Archaeological Model of Purépecha Urban Polities
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
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 Kiuc, 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] Symposia 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 Coba
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

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 Anais Guillen—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 Hernandez—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 (DAR): 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
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

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 Hannatty 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 Ucú, 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 Cansecio 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
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[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 Ghasian 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? Paleoeindian 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  
Piphal 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, Piphal Heng, Miriam Stark, Rachna Chhay and Damian Evans—Urbanism and Residential Patterning in Angkor

9:15  
Rachna Chhay, Piphal 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 Phnom 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)
Friday Morning, April 13

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

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. Cullleton 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 Marajóara 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
Friday Morning, April 13

8:45 Ryan Clasby—Through the Forest: North-South Interregional and Intra-regional 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 Eisiei 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 OSTEOMETRY 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
10:45  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 Paleocindian 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 Oскорал, 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

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

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 Devièse, 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 14C 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 McCuistion—Evaluating the Radiocarbon Record of the Lower Pecos Canyonlands

184-f  Galen McCloskey—Analysis of Prehistoric Flagstaff Cultural Developments
184-g  Evan Giomi—The Chronology of Goat-Springs Pueblo

[185]  POSTER SESSION  ■  BIOARCHAEOLOGY: 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—Entheseal 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 Resharpening  
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-Chiongc—Pinniped Taphonomy: Observations from a Northern Elephant Seal Breeding Colony Provide New Insights into the Taphonomic Processes on Pinnipeds
Friday Morning, April 13

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 Elsberry-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 (8C11) and Roberts Island (8C140 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. Behrensmeier, Diane Gifford-Gonzalez, Gary Haynes and Amanda Millhouse—Zooarcheological Contributions to the Smithsonian’s National Taphonomic Reference Collection
189-c Alexis Ohman and Jennifer Kahn—Ichthyzoarchaeological Analysis of ScMo-350 on Mo’orea, French Polynesia
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-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

[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  
Lyliam 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
[194]  **FORUM** ARCHACOLOGY, OUTREACH, ADVOCACY, AND THE MEDIA
Room: Taylor  
Time: 1:00 PM–3:00 PM  
Moderator: Nezahualcoyotl Xiuhotecutli

Participants:
David S. Anderson—Discussant  
Nicole Grinnan—Discussant  
Kristina Killgrove—Discussant  
Andrew Lawler—Discussant  
Brad Lieb—Discussant  
Christopher Sperling—Discussant

(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  
1:30 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 Siraf, Iran
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 Ambroise, 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
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 Hrynick—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 Kejikew’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, Seminew 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 Ogala 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 ARCHAEOLOGY 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
**Program of the 83rd Annual Meeting**

**Friday Afternoon, April 13**

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<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tr>
<td>2:00</td>
<td>Sophia Kelly, Andrew Landsman and Justin Ebersole</td>
<td>Implementing the NPS Cultural Resources Climate Change Strategy at the Chesapeake and Ohio Canal National Park</td>
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<td>2:15</td>
<td>Robert Sonderman and Stefan Woehlke</td>
<td>Our Sites at Risk: Climate Related Threats to NPS Administered Archeological Sites</td>
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<td>2:30</td>
<td>Marian Creveling and Karen Orrence</td>
<td>Thinking inside the Box: Research Potential of National Park Service Archeological Collections at the Museum Resource Center</td>
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<td>2:45</td>
<td>Katherine Birmingham and Christine Ames</td>
<td>D.C. Urban Archeology Corps: The Surveying is in the Details</td>
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<td>3:00</td>
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<td>Questions and Answers</td>
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<td>3:15</td>
<td>Gregory Katz</td>
<td>Digging the Anacostia River Landscape: Geoarchaeology and the Buried Past in the National Capital</td>
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**[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  
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 TIMESCAPES: 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
Program of the 83rd Annual Meeting
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, Argentina) 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
1:45 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 Rayán 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
Program of the 83rd Annual Meeting

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 García-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
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 Bosutswa 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 Fitt—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

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
1:30 Wieslaw 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 Biwer—Drinking Together: The Role of Foodways in the Wari and Huaracone 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 Burtt

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, Ardem Hulme-Beaman, Carly Ameen, Allowen Evin and Thomas Cucchi—Divergence of Domestic Dog Morphology through Deep Time
2:00  Amanda Burtt—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
Program of the 83rd Annual Meeting
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 Orijemie—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 Archaeoaoustical 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 Picciulo, 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
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
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 José 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 Przadka-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
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
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 Viewsed
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 Zinskius, Mussa Raja, Nuno Bicho and Jonathan Haws—Holocene Paleoenvironmental 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
[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 Bendremre 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-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 Chankan Maces

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 GEARCHAEOLOGY
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 Elifström, 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 Wohlpart, 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 Lamothé, 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
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 PALAEOLITHIC: EXPERIMENTAL APPROACHES**

**Room:** Taft  
**Time:** 2:15 PM–5:00 PM  
**Chairs:** Kathryn Ranhorn and Luke Premo

**Participants:**


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


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: Adrianne 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, 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

[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
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 Langliitz—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
[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 though 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 Anklam 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
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 Costal 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 Pisca 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 Jahuay, 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
[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—Crots 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  
[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 Skillem—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
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

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
### Program of the 83rd Annual Meeting

**Saturday Morning, April 14**

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<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Topic</th>
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<tbody>
<tr>
<td>8:15</td>
<td>Pei-Lin Yu and Marcy Rockman</td>
<td>The State of the Art in Stating Risk: Assessment of Climate Vulnerability Assessments for National Park Service Archaeology and Cultural Heritage Resources</td>
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<tr>
<td>8:30</td>
<td>Carrie Hritz, Marcy Rockman, Robert Winthrop and Torben Rick</td>
<td>Archaeology as Actionable Science on Climate Change: Lessons from Interdisciplinary Collaboration</td>
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<td>8:45</td>
<td>Scott Ingram</td>
<td>Engaging the Past for a Warming World</td>
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<td>9:00</td>
<td>LouAnn Wursel and Stephen Mrozowski</td>
<td>Historical Archaeology of Capitalism and Climate Change</td>
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<td>9:15</td>
<td>Keith Kintigh and Jeffrey Altschul</td>
<td>Convergence Research and the Coalition for Archaeological Synthesis</td>
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<td>9:30</td>
<td>Arlene Fleming</td>
<td>Challenges for Archaeologists: A Changing Climate Is Only One Development</td>
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<td>9:45</td>
<td>Margo Schwadron</td>
<td>Engaging Community in Climate Change, Heritage Resource Management and Citizen Science: Examples from Florida’s National Parks</td>
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<tr>
<td>10:00</td>
<td>Anne Jensen</td>
<td>Discussant</td>
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#### 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 Albán’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 Ortíz and Eos Lopez—Archaeological Prospection at Cerro Coyotepec, Tepetipac, Tlaxcallan: Preliminary Results from the 2017 Field Season of the Proyecto de Arqueología Cotidiana de Tepetipac

- **10:00**  
  Questions and Answers
Program of the 83rd Annual Meeting

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—Habitar 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
8:30 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
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
[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-Ise 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 Jaroslaw 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
Program of the 83rd Annual Meeting
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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 Jelderks' Judicial Decision and the Ninth Circuit's Decision in the Bonnichsen Litigation
8:30 Angela Neller and Lourdes Henrey-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 Henrey-DeLeon—Tribal Agency and Federal Hegemony: NAGPRA in Action
9:00 Lourdes Henrey-DeLeon—Born and Bred on the Columbia Plateau: The Ancient One in Time and Place
9:15 Steven Hackenberger and Lourdes Henrey-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 Antenelli—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 Slotten 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 Tahcabó, Yucatán
10:15 Anna Browne Ribeiro—My Grandfather’s Castanhal: Plants, Community, Territory, and Memory in the Brazilian Amazon
10:30 Anabel Ford—Discussant
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
- 8:30  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)vísibles: 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 Househ hold Activity at Aztec Calixtluhauca
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 Polities": Classic Period Ceramic Spheres and Systems at Aventura, Northern Belize, and the Legacy of Joe Ball
8:45 David Webster—Becan Reconsidered
9:00 Doré 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
9:45 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
11:30 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...
Saturday Morning, April 14

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 CHIRIQUI
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 Chiriqui: 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
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
9:45 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

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: Preceramic 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 Maric Carmen Serra Puche—La Interacción regional de Xochitecatl-Cacaxtla durante el Formativo en el valle Tlaxcal-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 Texis, 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—
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’EEN 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 Chaine Operatoire 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 Sugrañes 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
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[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 Anna Semon—A Comparison of Late Mississippian Complicated Stamped Designs from the Georgia Coast
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
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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-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-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
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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 Tiffiny 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
[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 Diaz 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 Chimu State of the Northern Coast of Peru Failed: Rapid Expansion Is Not Always Enough
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Saturday Afternoon, April 14

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
2:30 J. M. Adovasio—Discussant

[275] Electronic Symposium Spanish Colonialism in the Global Realm: Archaeological and Ethnohistorical Approaches to Cultural Ethnogenesis and Persistence
Room: Lincoln 6
Time: 1:00 PM–3:00 PM
Chairs: Christine Beaule and John Douglass

Participants:
Christine Beaule—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
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
[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 Ernst—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
**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 Hoffjarðarey  
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 McCorriston, 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
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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
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 Kotezawa—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, Mexico
2:15 Luz Stephanie Rivera, Gianfranco Ciassiano, Ana María Álvarez and David Gárate—Huayacocotlás 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
[266] 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 Kelleher—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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Saturday Afternoon, April 14

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

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 Schultdenreim—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
[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 Paleoenvironmental 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

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
[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 Kassabum—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
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 Marroquin 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 Mimetic 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
3:30  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
19th Century World

4:15 William Donaruma and Ian Kuit—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 Marta 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. Anscheutz 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
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
2:30 Jill Mattes—Architecture of Pre-Columbian Northeast Honduras
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
3:45 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 ARQUEOLÓGICO 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 Rodríguez—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 Niched 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
Program of the 83rd Annual Meeting
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 Bebber—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 Vavrasek—St. Lawrence Iroquoian Pottery Motifs and Dog Isotopes as Indicators of Population Movement in Jefferson County, NY
301-d William Green, Steven DeVor 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 William Nolan and Jerald Ek—Shellfish Harvesting, Subsistence Strategies, and Human/Environmental Interactions in the Río Champotón Drainage, Campeche, Mexico
301-g Rachel Gill, Brigitte Kovacevich and Michael Callaghan—Reflectance Transformation Imaging: New Methods in Documenting Preclassic Maya Graffiti from Holtun, Guatemala
301-h Emily Haney—Mortuary Vessels at the Maya City of El Peru-Waka’
301-i Nathan Parrott and Carlos Peraza Lope—An Analysis of Bark Beaters from the Postclassic Site of Mayapán
301-j Geraldine Granados Vazquez, Isabelle Séguy and Lourdes Marquez—The Risk of Dying in Ancient Societies. Vulnerability from a Bioarchaeological Approach, Theoretical-Methological Model
301-k Scott Simmons—The Integration of Island and Mainland Maya Communities: Perspectives from Ambergris Caye, Belize

[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 Yiijia 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’
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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
Saturday Afternoon, April 14

302-1 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 Gilgor 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, Briice 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 Irtysch 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 Kharanef IV
304-f Aylar Abdolahzadeh, 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 Uçağızlı I and II, South-Central Turkey
Program of the 83rd Annual Meeting

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 Guadalasca: 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 Etlatongoa, 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-e Jessica Skinner—Three-Dimensional Musculoskeletal Modeling in Commingled Analysis: A Preliminary Study at the Milwaukee County Poor Farm Cemetery
306-f Jackyn Rumberger, Arthur Joyce, Sarah Barber, Stacie King and Guy Hepp—Comparing Isotopic Data for Diet and Mobility of Males and Females in the Lower Rio Verde Valley, Oaxaca, Mexico
306-g Eve Hargrave and Kristin M. Hedman—Hoxie Farm: Bioarchaeology of a Late Prehistoric Community in Northeastern Illinois
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 Soundscape
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
[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
[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
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

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

(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

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
Sunday Morning, April 15

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

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
Brice 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

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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<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Andrew Ciofalo and Devon Graves</td>
<td>Cookware and Crockery: A Form and Functional View from the Southern Bahamas</td>
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<td>8:45</td>
<td>Jaime R. Pagan-Jimenez, Corinne L. Hofman and Menno Hoogland</td>
<td>Kitchen Affairs: First Insights into the Intimacies of Food Plant Preparation at El Flaco, Northern Dominican Republic (XII–XV Centuries)</td>
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<td>9:00</td>
<td>Yadira Chinique De Armas, Ulises Miguel Gonzalez Herrera, Megan Filyk, Roberto Rodriguez Suarez and Mirjana Roksandic</td>
<td>New Insights into the Consumption of Cultigens for “Archaic” Age Populations in Cuba: The Archaeological Site of Playa el Mango, Rio Cauto, Granma</td>
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<tr>
<td>9:15</td>
<td>Natalia Donner, Andrew Ciofalo, Samuel Castillo and Alexander Geurds</td>
<td>Pre-colonial Griddles in Central Nicaragua: An Archaeometric and Archaeobotanical Approach to Foodways at the Barillas Site, Chontales</td>
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**[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 Formato 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 Río 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
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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  Guilliam Hurte, Sr. and Gabriel Brown—Forensic Photography and the VCP - Teaching Veterans and Capturing History
9:15  Gabriel Brown and Guilliam 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
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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 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?
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-Ríos, 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 Rodríguez, Vera Tiesler, Jeffrey B. Glover and Dominique Rissolo—Living and Dying on the Fringes of the Sea. The Bioarchaeology and Archaeoanthropology 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, Mexico
10:15 Ashuni Romero and Nelda Issa Marengo—Vista Alegre: The Architecture of a Coastal Site in Northern Quintana Roo, México
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
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 Briese Edwards, Jessica Curtman, 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’odham and Hendrix Students
10:45 David Rogoff—Archaeological Use of Meta-analyses to Limit Researcher Bias: Results from El Coyote, Honduras

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 Schultz and Laurie Rush—Staying Relevant: Turning Your Sites from Blights to Rights
10:45 James Zeidler—Discussant
11:00 Jeffrey Altschul—Discussant

[333] Symposia: 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 Walter Maradiaga—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 Díaz and Nils Sulca Huarcaya—“Rimasinkuchun Amawtpaq: 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] Symposia: 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
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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


10:15 Justin Pfau, Scott Gajewski, Matt Nelson, Cathy Jo Beecher and Douglas MacDonald—Archaeology at Warren Grove Gunnery Range, Pine Barrens, Burlington County, New Jersey

10:30 Rebecca Renteria—Community Archaeology Starting Young: Local High School Engagement in Tucson, Arizona


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
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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 Perperspective 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  Xinzhoun 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
[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  
8:30  Ernesto Arredondo—Excavations at El Achiotal: Changing Political and Religious Institutions Reflected in Architecture  
8:45  David Chate lain—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 Risks 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:**  
9:45 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 (posthumous)
   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 Voorhies
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. Naleimaie
2005 Larae Buckskin
2006 Malia Kapuanaalani Evans-Mason
2007 Ora Marek
2008 Marie Sina Faatuala
2009 Travis Maki
2010 Paulette Faith Stueves
2011 Kamakanaga 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
1998 Tom D. Dillehay
1999 Mark Lehner
2000 Clive Gamble
2001 William F. Fitzhugh
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. Bruse & Toni S. Turner
Kristian Kristiansen &
Thomas B. Larssen
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
<table>
<thead>
<tr>
<th>Year</th>
<th>Nominees</th>
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<tbody>
<tr>
<td>2013</td>
<td>Carl L. Lipo, Elizabeth Arkush, Patrick Kirch, Ols Lafe, Wayne E. Lee, Zamir Tafilica, Jerry D. Moore</td>
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<tr>
<td>2014</td>
<td>Michael L. Galaty, Dimitra Papagianni, Michael A. Morse, Steven A. Wernke</td>
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<tr>
<td>2015</td>
<td>Miranda Aldhouse-Green, Robert Bettinger, Guolong Lai</td>
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<tr>
<td>2016</td>
<td>Michael E. Smith, Carolyn E. Boyd, Enrique Rodriguez-Alegria</td>
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<tr>
<td>2017</td>
<td>Kayla Brown, Keighley Hastings, Samantha Ascoli, Esmeralda Ferrales, Eden Franz, Carol Woodland</td>
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</table>

**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, James Hill
- 1997 Ronald Bishop, James Hill
- 1999 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 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 Caruskadden
- 1996 James H. Word
- 1997 Sidney Merrick Wheeler (posthumous) & Georgia Nancy Wheeler Fells
- 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
1995 Calvin R. Cummings
1995 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
2001 Laurence W. Spanne
2003 John Milner Associates & The General Services Administration
2004 Linda Mayro
2005 Arizona Site Steward Program
2007 George Smith
2008 John Walther
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

DIENJE KENYON MEMORIAL FELLOWSHIP

The Dienje 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 Dienje 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 Rafae 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. Finanore (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 McKimmy III
1980 Gordon Randolph Willey
1981 Albert Clinton 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 Wendover
1991 Douglas Schwartz
1992 John E. Yellen
1993 George J. Gumerman
1994 Hester A. Davis
1995 Stuart Struver
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 Auvalasit
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
- 2008 Todd Pitezel
- 2009 Deanna Grimstead
- 2010 Samuel Duwe
- 2011 Matthew Peeples
- 2012 William Reitze
- 2013 Kathryn J. Putsavage
- 2014 Katherine Dungan

**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 (posthumous)
- 1985 Richard J. Ford
- 1986 Joseph B. Lambert
- 1987 Patty Jo Watson
- 1988 Paul W. Parmalee
- 1989 Herbert E. Wright Jr.
- 1990 Garman Harbottle
- 1991 Robert J. Braidwood
- 1992 Richard Yarnell
- 1993 David M. Hopkins
- 1994 Joseph B. Lambert
- 1995 John W. Weymouth
- 1996 Henry P. Schwarz
- 1997 Vorsila L. Bohrer
- 1998 Richard S. MacNeish
- 1999 Melinda A. Zeder
- 2000 Todd Pitezel
- 2001 Deborah M. Pearsall
- 2002 Deanna Grimstead
- 2003 Michael Mathiowetz
- 2004 Todd Pitezel
- 2005 Oscar Polaco Ramos
- 2006 Vaughn M. Bryant
- 2007 Paul Goldberg
- 2008 Michael D. Glascock
- 2009 Jane Buikstra
- 2010 R. Lee Lyman
- 2011 Christine Hastorf
- 2012 Anthony Aveni
- 2013 John W. Weymouth
- 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 (San Diego Union-Tribune)
- 1995 Nathan Seppa (Wisconsin State Journal)
- 1996 Matt Crenson (Dallas Morning News)
- 1997 (no award)
- 1998 Diedtra Henderson (Seattle Times)
- 1999 William Mullen (Chicago Tribune)
- 2000 Frank Roylance (Baltimore Sun)
- 2001 Mike Toner (The Atlanta Journal-Constitution)
- 2002 Chip Minty (The Daily Oklahoman)
- 2004 Alexandra Witze (Dallas Morning News)
- 2005 Marion Lloyd (Chronicle of Higher Education)
- 2006 Andrew Petkofsky
- 2007 Richard L. Hill
- 2008 Tom Avril (Philadelphia Inquirer)
- 2009 Andrew Lawler (Science Magazine)
- 2010 Andrea Cooper (freelance)
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  
- 2012 Luis Guillerme Lumbreras Salcedo  
- 2013 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  
- 2016 Dania Jordan  
- 2017 Sameen Mansoor

**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 John Witthoft (posthumous)

**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 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.

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- 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 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.

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- 2012 Luis Guillerme Lumbreras Salcedo  
- 2013 Luis Alberto Borrero  
- 2015 Jeffrey Parsons  
- 2016 Robert D. Drennan
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. Kikiloi
2005 Lizatine A. Tsosie
Laurie Shead
Denny Gayton
2006 Vera Asp
Ashley Layne Atkins
Joey Condit
Elizabeth Lein'Ala Kahave
Robert Lynn Thomas
2007 Tracey Pierre
2008 Na'Lilma Ahuna
Simon Solomon
Shianne Sebastian
Ira K. Matt
Kristey D. Miles
2010 Wesley D. Miles
Simon Arthur Solomon
Elijah Sanderson
2011 Robert James David
Kevin J. Brown
Liana Staci Healer
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 Geochronology Interests 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.

<table>
<thead>
<tr>
<th>Year</th>
<th>Student</th>
<th>Professional</th>
</tr>
</thead>
<tbody>
<tr>
<td>1993</td>
<td>Cynthia Herhahn</td>
<td>Virginia Butler &amp; James Chatters</td>
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<tr>
<td>1994</td>
<td>Alanah J. Woody</td>
<td>George R. Miller &amp; James S. Oliver</td>
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<tr>
<td></td>
<td></td>
<td>Dennis E. Lewarch &amp; Laura S. Phillips</td>
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<tr>
<td>1995</td>
<td>Tim Hunt, Mark Madsen &amp; Carl Lipo</td>
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<td></td>
<td>Brenda J. Baker &amp; Maria A. Liston</td>
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<tr>
<td>1996</td>
<td>Clinton C. Hoffman</td>
<td>Adam King</td>
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<td>Stephen H. Lekson</td>
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<td>1997</td>
<td>Anastasia Steffen, Rita Moots, Skinner &amp; Ann F. Ramenofsky</td>
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<td>Judith A. Habicht-Mauche, A Russell Flegal, Stephen Glenn &amp; Horner Milford</td>
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<tr>
<td>1999</td>
<td>Diana Greenlee, Robert C. Dunnell, Terry Hunt &amp; Michael Pfeffer</td>
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<td></td>
<td>Neal H. Lopinot &amp; Jack H. Ray</td>
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<tr>
<td>2000</td>
<td>Diana M. Greenlee</td>
<td>Fraser D. Neiman</td>
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<tr>
<td></td>
<td>Jonathan Scholnick, Derek Wheeler &amp; Fraser Neiman</td>
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<td></td>
<td>Jeffrey Homburg, Eric Brevic, Jeffrey Altschul, Anthony Orme &amp; Steven Shelly</td>
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<td>2002</td>
<td>Laura Smith, James Jordan, David Johnson, Casey Haskell &amp; Herbert Maschner</td>
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<td></td>
<td>Manuel R. Palacios-Fest &amp; Jeffrey A. Homburg</td>
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<tr>
<td>2003</td>
<td>Stacey Chambliss</td>
<td>Diana M. Greenlee</td>
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<td></td>
<td>Andrew Isaac, Mark Muldoon, Keri Brown &amp; Terry Brown (Overall)</td>
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<tr>
<td></td>
<td>Sara Bon-Harper, Jennifer Aultman, Nick Bon-Harper &amp; Derek Wheeler (Professional)</td>
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<td>Stacy Lengyel (Student)</td>
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<td>2004</td>
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<td>2005 Ethan Cochrane, Julie Field &amp; Diana Greenlee (Student)</td>
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<td></td>
<td>James Feathers, Jack Johnson &amp; Silvia Kembel (Professional)</td>
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<tr>
<td>2006</td>
<td>Ruth Dickau (Student)</td>
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<td></td>
<td>Robert Hard, Cynthia Muñez &amp; Anne Katzenberg (Professional)</td>
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<tr>
<td>1993</td>
<td>Cynthia Herhahn (Student)</td>
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<td>1994</td>
<td>Alana J. Woody (Student)</td>
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<td>Anastasia Steffen, Rita Moots, Skinner &amp; Ann F. Ramenofsky (Student)</td>
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<td></td>
<td>Andrew Isaac, Mark Muldoon, Keri Brown &amp; Terry Brown (Overall)</td>
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<td>Sara Bon-Harper, Jennifer Aultman, Nick Bon-Harper &amp; Derek Wheeler (Professional)</td>
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<td>Stacy Lengyel (Student)</td>
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<td>Ethan Cochrane, Julie Field &amp; Diana Greenlee (Student)</td>
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<td>2006</td>
<td>Ruth Dickau (Student)</td>
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<tr>
<td></td>
<td>Robert Hard, Cynthia Muñez &amp; Anne Katzenberg (Professional)</td>
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</table>

### 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.

<table>
<thead>
<tr>
<th>Year</th>
<th>Honorees</th>
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<tbody>
<tr>
<td>1990</td>
<td>Jerome A. Miller, Nathalie F. S. Woodbury</td>
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<tr>
<td>1991</td>
<td>Lynne Goldstein, Rachael Hamilton, Earl Lubensky, Loretta Neumann, Kathleen Reinburg, David Hurst Thomas</td>
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<td>1992</td>
<td>Mark Leone, Jeremy A. Sabloff</td>
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<tr>
<td>1993</td>
<td>Jerald Milanch, Daniel G. Roberts, Bruce D. Smith, Vincas P. Steponaitis</td>
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<tr>
<td>1994</td>
<td>David S. Brose</td>
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</tbody>
</table>
Edward Friedman
R. Bruce McMillan
Teresita Majewski
William H. Marquardt
Dan F. Morse
J. Daniel Rogers
Katharina J. Schreiber
Dean Snow
Vincas P. Steponaitis
Paul Takac
1995 Mark Aldenderfer
Roger Anyon
Robert Drennan
Diane Gifford-Gonzalez
Lynne Goldstein
Keith Kintigh
Mark J. Lynott
Phyllis Messenger, KC Smith & Cathy MacDonald
Paul Minnis
Bruce E. Rippeteau
Alison Wylie
Melinda A. Zeder
1996 Brian Fagan
Paul Fish & Suzanne K. Fish
Jonathan Lizee
Toni Moore
Carol Shull
George Stuart
1997 Mark Aldenderfer
David Anderson
Roger Anyon & T. J. Ferguson
Keith Kintigh
Florence Lister
Donna Seifert
Joe Watkins
1998 Stephen Dyson for Archaeology Magazine
Ed Friedman
Janet Levy
William Lovis
1999 Caryn Berg
Susan J. Bender
Judith A. Bense
Jon S. Czaplicki
Gary Feinman
Linda Manzanilla
Tristine Lee Smart
George S. Smith
Joe Watkins
2000 Lynne Goldstein
James A. Goold
Kurt E. Dongoske
2001 Mark Aldenderfer
Patricia Gilman
The Law Department of the National Trust for Historic Preservation
1999 Cany(rt Berg
2002 Michael J. Fanelli
Donald Forsyth Craib
Johna Huira
Fred Wendorf, Stuart Struever, & Doug Schwartz
2003 Katharina J. Schreiber
2004 Garth Bawden
2005 MATRX Project
2006 SAA National Historic Landmarks Committee
2007 PEC Web Pages Working Group
2008 John Kantner
2009 Phillip L. Walker
2010 75th Anniversary Task Force:
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James Snead
Wendy Ashmore
Don Fowler
Lisa Lecount
Bruce Smith
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Martha Rolingson
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2011 Susan B. Bruning
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Jonathan Muller
Barbara M. Arroyo
Tomas Enrique-Mendezabal
Christopher D. Dore
Daniel H. Sandweiss
2012 Linda Manzanilla
Archibald
2013 Christopher D. Dore
Daniel H. Sandweiss
2014 Cany(r Berg
2015 Willem Willems

Francis P. McManamom
Ian W. Brown
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Fred Wendorf, Stuart Struever, & Doug Schwartz
Colwell-Chanthaphonh
Erin Kuns
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PEC Web Pages Working Group
John Kantner
Phillip L. Walker
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Linda Pierce
Bruce Rippeteau
Martha Rolingson
Ken Sassaman
Can(y(r Berg
Can(y(r Berg
Can(y(rt Berg
Program of the 83rd Annual Meeting

Frederich (Fritz) Luëth
Jane Eva Baxter
Brian I. Daniels
Salam al-Kuntar
Aníbal Rodríguez
2017 Jeffrey Altschul
Barbara Arroyo

Task Force on Gender Disparities in Archaeological Grant Submissions
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

Began 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

Public Service Award

Began 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. Matsunaga
Rep. Donald J. Pease
1984 Sen. James A. McClure
1985 Speaker James C. Wright Jr.
1986 Secretary of the Interior Donald P. Hodel
1988 Rep. Charles E. Bennett
1989 Sen. Peter V. Domenici
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
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. Prendergast
2006 Metin I. Eren & Mary E. Rieth
2007 Scott Orman
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

George I. Quimby Jr. 1957–1958
Richard B. Woodbury 1958–1959
Jesse D. Jennings 1959–1960
Erik K. Reed 1960–1961
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
Stuart Struve 1975–1976
Cynthia Irwin-Williams 1977–1979
Fred Wendor 1979–1981
George C. Frison 1983–1985
Don Fowler 1985–1987
Dena Dincauze 1987–1989
Prudence Rice 1991–1993
Bruce D. Smith 1993–1995
Vincons P. Steponaitis 1997–1999
Keith W. Kintigh 1999–2001
Robert L. Kelly 2001–2003
Lyne Sebastian 2003–2005
Dean R. Snow 2007–2009
Margaret W. Conkey 2009–2011
W. Frederick Limp 2011–2013
Diane Gifford-Gonzalez 2015–2017
Susan M. Chandler 2017–2019

 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
Carf E. Guth 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. Eklholm 1953–1954
Robert Wauchope 1954–1955
W. Duncan Strong 1955–1956
William A. Ritchie 1956–1957

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 (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.)
<table>
<thead>
<tr>
<th>Year</th>
<th>Location</th>
<th>Dates</th>
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<tbody>
<tr>
<td>9th</td>
<td>Washington, D.C.</td>
<td>May 1944</td>
</tr>
<tr>
<td>10th</td>
<td>Washington, D.C.</td>
<td>May 1945</td>
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<tr>
<td>11th</td>
<td>Indianapolis, IN</td>
<td>May 1946</td>
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<tr>
<td>12th</td>
<td>Ann Arbor, MI</td>
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<td>13th</td>
<td>Milwaukee, WI</td>
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<tr>
<td>14th</td>
<td>Bloomington, IN</td>
<td>May 1949</td>
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<tr>
<td>15th</td>
<td>Norman, OK</td>
<td>May 1950</td>
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<tr>
<td>16th</td>
<td>Evanston, IL</td>
<td>May 1951</td>
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<tr>
<td>17th</td>
<td>Columbus, OH</td>
<td>May 1952</td>
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<tr>
<td>18th</td>
<td>Urbana, IL</td>
<td>May 1953</td>
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<tr>
<td>19th</td>
<td>Albany, NY</td>
<td>May 1954</td>
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<tr>
<td>20th</td>
<td>Bloomington, IN</td>
<td>May 1955</td>
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<tr>
<td>21st</td>
<td>Lincoln, NE</td>
<td>May 1956</td>
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<td>22nd</td>
<td>Madison, WI</td>
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<tr>
<td>23rd</td>
<td>Norman, OK</td>
<td>May 1958</td>
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<tr>
<td>24th</td>
<td>Salt Lake City, UT</td>
<td>May 1959</td>
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<tr>
<td>25th</td>
<td>New Haven, CT</td>
<td>May 1960</td>
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<tr>
<td>26th</td>
<td>Columbus, OH</td>
<td>May 1961</td>
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<tr>
<td>27th</td>
<td>Tucson, AZ</td>
<td>May 1962</td>
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<tr>
<td>28th</td>
<td>Boulder, CO</td>
<td>May 1963</td>
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<td>29th</td>
<td>Chapel Hill, NC</td>
<td>May 1964</td>
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<td>30th</td>
<td>Urbana, IL</td>
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<td>31st</td>
<td>Reno, NV</td>
<td>May 1966</td>
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<td>32nd</td>
<td>Ann Arbor, MI</td>
<td>May 1967</td>
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<td>33rd</td>
<td>Santa Fe, NM</td>
<td>May 1968</td>
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<tr>
<td>34th</td>
<td>Milwaukee, WI</td>
<td>May 1969</td>
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<tr>
<td>35th</td>
<td>Mexico City, Mexico</td>
<td>May 1970</td>
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<tr>
<td>36th</td>
<td>Norman, OK</td>
<td>May 1971</td>
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<tr>
<td>37th</td>
<td>Bal Harbour, FL</td>
<td>May 1972</td>
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<tr>
<td>38th</td>
<td>San Francisco, CA</td>
<td>May 1973</td>
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<td>39th</td>
<td>Washington, D.C.</td>
<td>May 1974</td>
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<tr>
<td>40th</td>
<td>Dallas, TX</td>
<td>May 1975</td>
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<tr>
<td>41st</td>
<td>St. Louis, MO</td>
<td>May 1976</td>
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<tr>
<td>42nd</td>
<td>New Orleans, LA</td>
<td>April 1977</td>
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<tr>
<td>43rd</td>
<td>Tucson, AZ</td>
<td>May 1978</td>
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<tr>
<td>44th</td>
<td>Vancouver, Canada</td>
<td>April 1979</td>
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<tr>
<td>45th</td>
<td>Philadelphia, PA</td>
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<tr>
<td>46th</td>
<td>San Diego, CA</td>
<td>April-May 1981</td>
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<tr>
<td>47th</td>
<td>Minneapolis, MN</td>
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<tr>
<td>48th</td>
<td>Pittsburgh, PA</td>
<td>April 1983</td>
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<tr>
<td>49th</td>
<td>Portland, OR</td>
<td>April 1984</td>
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<tr>
<td>50th</td>
<td>Denver, CO</td>
<td>May 1985</td>
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<tr>
<td>51st</td>
<td>New Orleans, LA</td>
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<tr>
<td>52nd</td>
<td>Toronto, ON</td>
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<tr>
<td>53rd</td>
<td>Phoenix, AZ</td>
<td>April 1988</td>
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<tr>
<td>54th</td>
<td>Atlanta, GA</td>
<td>April 1989</td>
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<tr>
<td>55th</td>
<td>Las Vegas, NV</td>
<td>April 1990</td>
</tr>
<tr>
<td>56th</td>
<td>New Orleans, LA</td>
<td>April 1991</td>
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<td>57th</td>
<td>Pittsburgh, PA</td>
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<td>58th</td>
<td>St. Louis, MO</td>
<td>April 1993</td>
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<tr>
<td>59th</td>
<td>Anaheim, CA</td>
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<tr>
<td>60th</td>
<td>Minneapolis, MN</td>
<td>May 1995</td>
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<tr>
<td>61st</td>
<td>New Orleans, LA</td>
<td>April 1996</td>
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<tr>
<td>62nd</td>
<td>Nashville, TN</td>
<td>April 1997</td>
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<tr>
<td>63rd</td>
<td>Seattle, WA</td>
<td>March 1998</td>
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<td>64th</td>
<td>Chicago, IL</td>
<td>March 1999</td>
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<tr>
<td>65th</td>
<td>Philadelphia, PA</td>
<td>April 2000</td>
</tr>
<tr>
<td>66th</td>
<td>New Orleans, LA</td>
<td>April 2001</td>
</tr>
</tbody>
</table>
Exhibitor Directory

Accurex Measurement
225 S. Chester Road
Suite 6B
Swarthmore PA 19081-1919
United States
#611
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

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.

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44 Beacon St., 2nd Floor  
Boston MA 02108-3614  
United States  
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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.**  
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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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**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.
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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, Lend 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
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
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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.
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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.

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http://www.geometrics.com
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United States
#404
http://www.geophysical.com
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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.

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10585 NW 53rd St.
Sunrise FL 33351
United States
#213
http://www.radiocarbon.com/
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Institute for European and Mediterranean Archaeology
University of Buffalo
380 MFAC Ellicott Complex
Buffalo NY 14261
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