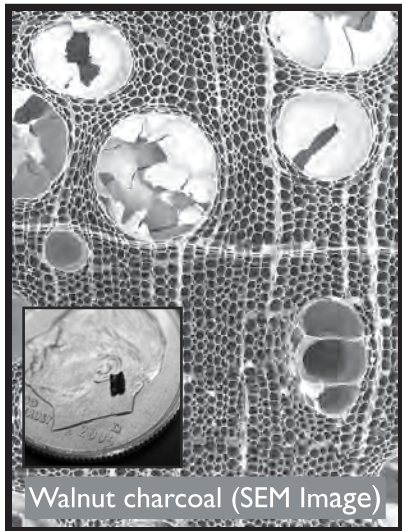


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Walnut charcoal (SEM Image)

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# **PROGRAM OF THE 81ST ANNUAL MEETING**

**April 6-10, 2016  
Orlando, Florida**



**SOCIETY FOR AMERICAN ARCHAEOLOGY**

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

*Program of the 81st Annual Meeting*

Published by the

Society for American Archaeology

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## **Awards Presentation & Annual Business Meeting**

**APRIL 8, 2016**

### **5 PM Call to Order**

Call for Approval of Minutes of the  
**2015 Annual Business Meeting**

#### **Remarks**

*President Diane Gifford-Gonzalez*

#### **Reports**

*Treasurer Jim Bruseth*

*Secretary Patricia Gilman*

*Executive Director Tobi A. Brimsek*

### **5:30 PM Presentation of Awards**

*Award of Honorary Membership by the Board of Directors*

*Gene S. Stuart Award*

*Student Poster Award*

*Archaeology Week 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 Curation, Collections*

*Management, and Collections-Based Research and  
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**

## 2016 AWARDS

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.

### **AWARD OF HONORARY MEMBERSHIP BY THE BOARD OF DIRECTORS**

**Recipient:** Khaled M. al-Asaad

### **GENE S. STUART AWARD**

**Recipient:** Tamara Stewart

Tamara Stewart, the Southwest Projects Coordinator for the Archaeological Conservancy and Assistant Editor for *American Archaeology Magazine*, has earned the 2016 Gene S. Stuart Award for her ethically responsible and original story about the rush to recover archaeological materials being exposed by melting ice due to global warming. As the planet warms, many of the artifacts that have been protected by the ice for thousands of years are now being exposed and thus deteriorating quickly. "Archeology in the Ice Patches" presents an engaging story about how archaeologists working in the American West and Canada are trying to preserve the past in this rapidly changing environment. Tamara Stewart has delivered to the public a well-balanced article detailing the pursuit of the past in a way that all archaeologists can respect.

### **GEOARCHAEOLOGY INTEREST GROUP M.A./M.S. RESEARCH AWARD**

**Recipient:** Kendal R. Jackson

Mr. Kendal R. Jackson has been selected to receive the 2016 Geoarchaeology Interest Group M.A./M.S. Research Award. Mr. Jackson's impressive ongoing M.A. thesis project focuses on the analysis of pollen from a series of sediment cores collected from mounds on the Crystal River Site (central Gulf Coast of Florida) and nearby marshes. The work has the potential to provide information about the interrelationships between local vegetation communities, sea level changes, and human occupation of the area. The award will firstly help Mr. Jackson obtain a radiocarbon date from one of the cores, and secondly, complete the analysis of supplementary surface soil samples.

### **DIENJE KENYON FELLOWSHIP**

**Recipient:** Arianne Boileau

Arianne Boileau's research will investigate how community organization and social stratification were transformed by Spanish contact at the Maya site of Lamanai through the analysis of zooarchaeological remains spanning the Terminal Postclassic to the Early Colonial Period (A.D. 1450-1650). Using stable isotopes, Ms. Boileau will explore stability and change in resource acquisition strategies, differential access to resources and the expression of power and status by elites while controlling for various taphonomic effects including post-depositional attrition, differential fragmentation, and carnivore ravaging. This

research will contribute to a better understanding of the adaptability of indigenous cultures in the face of European conquest while concomitantly illuminating aspects of Spanish/Maya interactions.

#### **DIENJE KENYON FELLOWSHIP HONORABLE MENTION**

**Recipient:** Ashley N. Petrillo

Ashley Petrillo has developed an engaging research proposal on 'The Development of Dairying Economies in the Southern Levant.' This study will focus on the nature of dairying and the use of secondary products from the Chalcolithic Period to the Early Bronze Age (c. 4000-2000 B.C.E.) which is critical to understanding the rise of social complexity. Milk provided a storable and sustainable source of nutrient rich protein and fats (cheese and yogurt) that could be traded and transported. She will select an array of sheep, goat, and cow dentin samples to conduct stable isotope analyses to explore human weaning and management strategies during this important period of developing complexity. This award hereby acknowledges the importance of her proposed research and its future success.

#### **FRED PLOG MEMORIAL FELLOWSHIP**

**Recipient:** Jacob Lulewicz

Jacob Lulewicz has earned the Fred Plog Memorial Fellowship for his dissertation research on social networks and the emergence of organizational complexity in Southern Appalachia during the Late Woodland and Mississippian periods. Two distinctive regional political trajectories emerged here amid seven centuries of population growth and sociopolitical change. One, in northern Georgia, was centered on the monumental mound complex at Etowah. The other, in eastern Tennessee, consisted of many moderately sized, local aggregate villages with no clear political, economic, or ritual centralization. Lulewicz's research takes a multiscale approach in comparing social networks across time and space and in investigating how the social and political positions of settlements within regional networks allowed for the growth of some settlements into politico-ritual centers. The Fellowship will allow him to refine the temporal contexts of emergent political complexity in northern Georgia through AMS dating, and to examine changes in ceramic production via thin-section petrography.

#### **DOUGLAS C. KELLOGG FELLOWSHIP FOR GEOARCHAEOLOGICAL RESEARCH**

**Recipient:** Jennifer Kielhofer

The recipient of the 2016 Douglas C. Kellogg Fellowship for Geoarchaeological Research is Jennifer Kielhofer. Ms. Kielhofer is currently completing on an interdisciplinary Ph.D. project, entitled "Landscape Evolution and Human Adaptation in Subarctic Lowlands: A Soil-Stratigraphic Framework for Human Colonization of Eastern Beringia." The exciting work includes field description and laboratory analysis (sedimentology, stable isotopes, micromorphology, and radiocarbon dating) of soils located along altitudinal transects in central Alaska. The analyses have the potential to aid in the reconstruction of Late Pleistocene/Early Holocene landscapes that were encountered by the first

human colonists of eastern Beringia. The award will support a portion of the micromorphological study of the soil samples.

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

**Recipient:** Beau Duke Carroll

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

**Recipient:** Regina Hilo

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

**Recipient:** Kristyn Hara

**SAA NATIVE AMERICAN UNDERGRADUATE ARCHAEOLOGY SCHOLARSHIP**

**Recipient:** Jair Boro Munduruku

**SAA NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP**

**Recipient:** Antonio Villaseñor-Marchal

**HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP (HUGS)-UNDERGRADUATE**

**Recipient:** Raghda (Didi) El-Behaedi

**HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP (HUGS)-UNDERGRADUATE**

**Recipient:** Lisa Small

**HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP (HUGS)-GRADUATE**

**Recipient:** Milena Carvalho

**HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP (HUGS)-GRADUATE**

**Recipient:** Danielle Huerta

**HISTORICALLY UNDERREPRESENTED GROUPS SCHOLARSHIP (HUGS)—INSTITUTE FOR FIELD RESEARCH SCHOLARSHIP**

**Recipient:** Cecilia Vasquez

**DISSERTATION AWARD**

**Recipient:** Guy David Hepp

Dr. Guy Hepp has won the 2016 SAA Dissertation Award for his dissertation entitled "La Consentida: Initial Early Formative Period Settlement, Subsistence, and Social Organization on the Pacific Coast of Oaxaca, Mexico," completed in 2015 in the Department of Anthropology at the University of Colorado at Boulder. This outstanding dissertation investigates the origins of sedentary agricultural villages and the development of social complexity in Mesoamerica. Through careful excavations that he directed at La Consentida and a range of laboratory analyses, Hepp reconstructed the organization of the earliest sedentary community at the site and showed how feasting, communal labor, music, and

ritual were all practices by which a complex, heterarchical community was constituted and reproduced. With his sophisticated and nuanced arguments, Hepp's outstanding dissertation makes significant contributions to our knowledge of the Mesoamerica, while advancing our understanding of the transitions to sedentism, agriculture, and cultural complexity in the New World.

**BOOK AWARD: SCHOLARLY CATEGORY**

**Recipient:** Robert Bettinger

Robert L. Bettinger's "Orderly Anarchy: Sociopolitical Evolution in Aboriginal California" tackles as its fascinating central problem the persistent success of hunter-gatherer lifeways in California, in particular the flourishing of small atomistic self-interested groups. Treating change as adaptive but never teleological, Bettinger carefully and ingeniously applies ecological and economic models to explore, not just environment and subsistence, but also gendered labor, private property, kinship, and money. Even as this impressively learned book reaches back to build on classics of sociocultural anthropology, it also breaks ground in highlighting the great variability and immense transformations in hunter-gatherer society in California, and inverting conventional models of cultural evolution that prioritize the adoption of agriculture and development of sociopolitical hierarchies. While the theoretical program of this book will not find universal agreement among archaeologists, its masterful execution is an impressive achievement that we are proud to recognize with the scholarly award.

**BOOK AWARD: SCHOLARLY CATEGORY HONORABLE MENTION**

**Recipient:** Guolong Lai

Guolong Lai's book, "Excavating the Afterlife: The Archaeology of Early Chinese Religion" is an innovative investigation into early Chinese attitudes towards the dead, based not on later documents but on a magnificent corpus of early tombs and their contents. Lai ingeniously synthesizes archaeological evidence on tomb architecture, the iconography of grave goods, and the paleographic sources from the tombs themselves to craft a compelling argument that the violence of the Warring States period fundamentally transformed early Chinese understandings of the dead. Clearly written, comprehensively annotated, and superbly illustrated, this fine book additionally makes a body of spectacular Chinese finds accessible to an English readership, and enhances the contribution of China's extraordinarily rich archaeological record to the comparative literature on mortuary practice and religion.

**BOOK AWARD: POPULAR CATEGORY**

**Recipient:** Miranda Aldhouse-Green

Miranda Aldhouse-Green's book, "Bog Bodies Uncovered: Solving Europe's Ancient Mystery," is an absorbing, well-written, and comprehensive account of northern Europe's perennially intriguing bog bodies. Entertainingly structured like a police procedural, the book takes the reader through setting, modus operandi, forensic evidence, and motive to finally conclude that many of the corpses in these "cold cases" were victims of sacrifice. Aldhouse-Green does not shrink from the often gruesome violence perpetrated on these individuals, both before and after death. Yet her treatment goes far beyond the bodies themselves to

thoughtfully discuss many relevant aspects of their social and cosmic worlds, including the possible meaning of bogs and of violence itself. This is an accessible, generously illustrated, informative book that we are pleased to recognize with the popular award.

#### **AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS**

**Recipient:** Barbara Voorhies

Barbara Voorhies has earned the SAA's Award for Excellence in Archaeological Analysis for her contribution to the analysis of the Archaic occupations in the Pacific coast of Mexico and Central America. Dr. Voorhies' exceptional contribution to Mesoamerican archaeology has included advancements in multi-disciplinary research, ethnoarchaeology of modern coastal shellfishers, and the transition from foraging to farming in the Neotropical lowlands of Mesoamerica. She has produced an outstanding body of publications on the Mesoamerican Archaic, including both theoretical contributions and presentations of highly detail-oriented analyses on site formation, subsistence, early farming, shellfish use, and early gaming. Voorhies has inspired a generation of archaeologists through her training as a mentor and collaborator on international projects. She has also contributed significantly to advancing gender equality in the discipline. Through her research, training, and dissemination of analysis results she has advanced the archaeological understanding of the lifeways of Mesoamerican Archaic.

#### **AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT**

**Recipient:** Dr. Tom Emerson

Tom Emerson is the 2016 recipient of the SAA's Excellence in Cultural Resource Management Award for his exemplary achievements in research under the CRM banner. Dr. Emerson's contributions to Midwestern archaeology and especially to our understanding of the prehistory of the Midcontinent stand as models for merging research with the greater goals of preservation and public outreach. Tom's career milestones have included extended service as Chief Archaeologist of the Illinois Historic Preservation Agency and the phenomenal success of the University of Illinois based Contract Archaeology program, which he has shepherded for over 20 years. In addition to pioneering and refining our understanding of the seminal Cahokia site complex, Dr. Emerson's intellectual contributions have extended to historic archaeology and to the critical Euroamerican contact period. Tom's long and distinguished career has recently been highlighted as he became the 2014 recipient of Career Achievement awards from both the Midwest Archaeological Conference and the Illinois Archaeological Survey.

#### **AWARD FOR EXCELLENCE IN CURATION, COLLECTIONS MANAGEMENT, AND COLLECTIONS-BASED RESEARCH AND EDUCATION**

**Recipient:** U.S. Army Corps of Engineers Mandatory Center of Expertise for the Curation and Management of Archaeological Collections

The U.S. Army Corps of Engineers Mandatory Center of Expertise for the Curation and Management of Archaeological Collections has earned the SAA's Award for Excellence in Curation, Collections Management, and Collections-

based Research and Education for over two decades of their leadership and service to the profession in the curation and management of archaeological collections. Their work to rescue and rehabilitate collections that suffered from lack of appropriate care in substandard facilities, their willingness to develop innovative programs including the Veterans Curation program, and their many partnerships and collaborations with other institutions, provide an enviable model for ensuring the continued benefit of the significant cultural heritage represented by archaeological collections to communities of scholars, affiliated peoples, and the public at large.

#### **CRABTREE AWARD**

**Recipient:** Steven Freers

Steven Freers is an avocational archaeologist who has spent over 25 years documenting and studying rock art. He is widely recognized as a rock art expert in southern and eastern California and Arizona, notably the Mojave National Preserve, Grand Canyon National Park, Joshua Tree National Park, and Kaibab National Forest.

Mr. Freers has published two books, 2013's wide acclaimed *Rock Art of the Grand Canyon Region*, and the co-authored volume *Fading Images: Indian Pictographs of Western Riverside County*. He is the author of seven other published articles and has edited four volumes of *American Indian Rock Art*. In addition, Steve is accumulating data on painted handprint impressions in rock art and their morphological connection to age and gender. He has worked diligently within the community on the protection and conservation of rock art sites. This has involved countless hours of monitoring and working on treatment and restoration of sites that have been thoughtlessly vandalized. He has consulted and involved members of the Pechanga and San Luis Rey bands of the Luiseno in ongoing protection programs. Steve also is active in public education, teaching rock art classes through the University of California at Riverside.

Overall, Steve Freers's range of efforts and committed engagement with the professional archaeological community and general public on behalf of California and Southwest rock art make him a deserving recipient of the Crabtree Award.

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

**Recipient:** Elizabeth J. Reitz

Elizabeth J. Reitz has earned the SAA Fryxell Award in Zooarchaeology through a compelling legacy of scholarship, training, and service to our profession. Her interdisciplinary research in Peru, the Caribbean, and U.S. Southeastern regions is outstanding for its "architectural" rigor and intellectual leadership, and it is built on a foundation of clear thinking, kindness, and generosity. Her collective works cover a remarkable range of subjects and analytical challenges. Reitz is the architect of a more systematic and anthropologically informed mode zooarchaeological collaboration in these regions, which has raised the quality of archaeological research more generally. Her work bridges anthropology and bio-environmental science; her work on fisheries and environmental sustainability speak to critical issues of the past and present. In addition to training many students over the years, she excels in public outreach and professional service.

No cause is too big or too small, so long as it is important.

**AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY**

**Recipient:** Robert D. Drennan

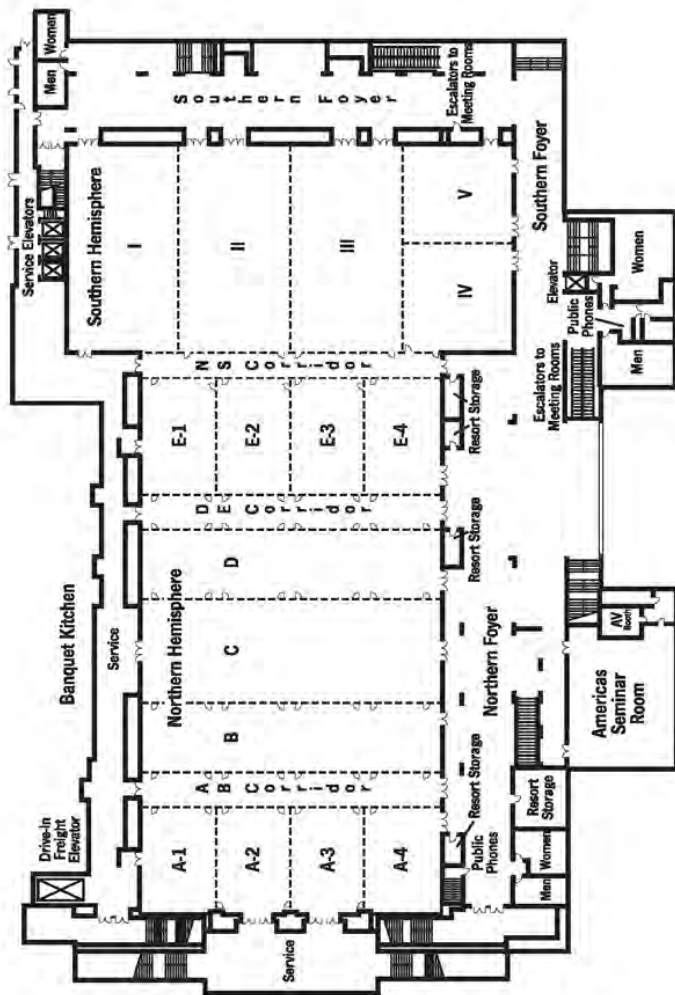
Robert 'Dick' Drennan has earned the Award for Excellence in Latin American and Caribbean Archaeology in view of his unique and lifetime academic, professional, and personal achievements. He has been extremely influential in the development and professionalization of Latin American archaeology, and his mentorship, friendship, and guidance have served to inspire a generation of archaeologists in the entire region. Dr. Drennan has been a champion for the collection and presentation of archaeological data in ways that both ensure cross-case consistency and allow their use in comparative projects, fostering the use of more rigorous methods across the discipline of archaeology. His unrelenting dedication to professional collaboration and dialogue across Latin America has laid an unprecedented foundation and a solid ethical model that will continue to bear fruit for generations to come.

**LIFETIME ACHIEVEMENT AWARD**

**Recipient:** Margaret (Meg) W. Conkey

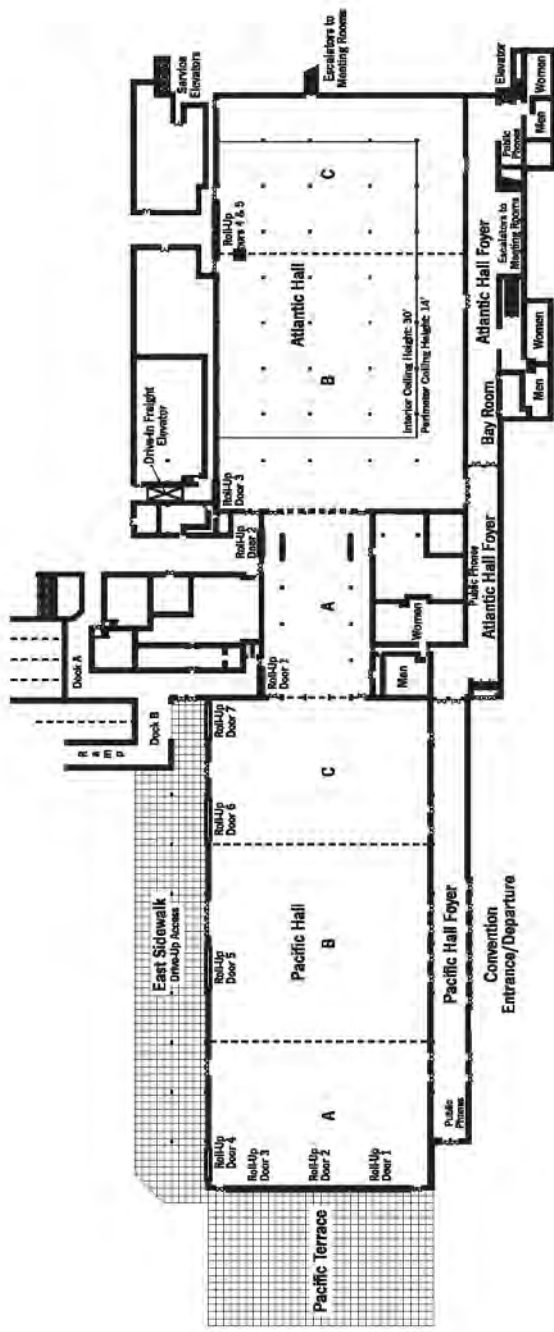
Meg Conkey has earned the SAA's Lifetime Achievement Award for her combination of scholarship and service to the profession. Meg's research along with that of her collaborators significantly broadened our approaches to and understanding of people and their diversity in the past. She has shown the importance and possibility of studying gender as a basic dimension of the human experience and has been instrumental in bringing studies of rock art and art in general into the mainstream of research. Meg has helped to change the face of the field through encouragement and recruitment of women and minorities. She served as a national leader in archaeology, including her presidency of the SAA, and the AAA Archaeology Division, as well as through numerous other organizational contributions. This award proudly lauds Meg's lifetime achievement in archaeology.





## Ballroom Level





## Convention Hall

**SOCIETY FOR AMERICAN ARCHAEOLOGY  
81ST ANNUAL MEETING****Program Committee Chair**

Eduardo G. Neves  
Museu de Arqueologia e Etnologia

**Program Assistant**

Sharon (Shaza) Wester

**Committee Members**

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DePaul University

Leslie Aragon  
University of Arizona

Christopher J. Bae  
University of Hawaii at Manoa

Sarah E. Baires  
Eastern Connecticut State University

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Mariano Bonomo, Doctor  
Museo de La Plata

Dr. Meghan E. Buchanan  
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Universidad de Tarapacá

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Smithsonian Institution

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University of New Mexico

William R. Hildebrandt  
Far Western Anthropological  
Research Group, Inc.

John W. Ives  
University of Alberta

Dr. Janet E. Levy, RPA  
UNC at Charlotte

Robert J. Losey  
University of Alberta

Johannes H. Loubser, RPA  
Stratum Unlimited, LLC

Madonna L. Moss, RPA  
University of Oregon

Lorena Paiz Aragon  
The University of Texas at Austin

Myrtle P. Shock  
UFOPA

Kathleen Sterling  
Binghamton University

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Cotsen Institute of Archaeology, UCLA

John. H Walker  
UCF Department of Anthropology

Adrian R. Whitaker  
Far Western Anthropological  
Research Group

David S. Whitley  
ASM Affiliates, Inc

Peter J. Whitridge  
Memorial University of Newfoundland

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Florida Public Archaeology Network

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Manager, Information Services

Bercestee L. Demiroglu  
Coordinator, Membership and Meetings

Jonathon Koudelka  
Coordinator, Financial and  
Administrative Services

**STUDENTS, JOIN US!**

**WEDNESDAY, APRIL 6, 9 PM–10:30 PM, NORTHERN HEMISPHERE E1-E4**

All student attendees are invited to attend this reception hosted by 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 THE  
FOLLOWING SPONSORS FOR THEIR GENEROUS SUPPORT OF THE  
STUDENT RECEPTION:***

Denver Museum of Nature and Science

Center for Digital Antiquity/tDAR The Digital Archaeological Record, School of Human  
Evolution and Social Change, Arizona State University  
Commonwealth Cultural Resources Group, Inc.  
Cotsen Institute of Archaeology , University of California, Los Angeles  
Department of Anthropology, University of South Florida

Cultural Resource Analysts, Inc.

James Adovasio

AECOM

Anthropology Department, Northern Arizona University

Anthropology Department, University of Kansas

Archaeological Department, Sam Noble Oklahoma Museum of Natural History

Archaeological Investigations, Northwest, Inc.

Arizona State University, School of Human Evolution and Social Change

Department of Anthropology, University of California, Santa Cruz

Department of Anthropology, University of Massachusetts, Boston

Department of Anthropology, Dartmouth College

Department of Anthropology, Florida Atlantic University

Department of Anthropology, Florida State University

Department of Anthropology, Indiana University of Pennsylvania

Department of Anthropology, Michigan State University

Department of Anthropology, Smithsonian Institution

Department of Anthropology, University of Colorado, Boulder

Department of Anthropology, University of Florida

Department of Anthropology, University of Georgia

Department of Anthropology, University of North Carolina at Charlotte

Department of Anthropology, University of Wyoming

Department of Anthropology, Vanderbilt University

Desert Archaeology Inc.

Gray & Pape

Museum of Art and Archaeology, University of Missouri

New South Associates, Inc.

Statistical Research, Inc.

SUNY Buffalo Anthropology and Institute for European and Mediterranean Archaeology  
(IEMA)

The Department of Sociology, Anthropology, & Social Work at the University of North  
Florida

University of Oklahoma, Department of Anthropology and Coldiron Endowment

Versar, Inc.

## GENERAL INFORMATION

### MEETING ROOM LOCATIONS

The entire meeting is self-contained within the Walt Disney World Dolphin. All room designations are within the hotel.

### ABSTRACTS

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

Onsite, in the Convention Foyer, 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.

### AWARDS CELEBRATION & ANNUAL BUSINESS MEETING

The Society's annual awards presentation and business meeting will be held at 5 pm on Friday in Pacific Hall C.

### CULTURAL RESOURCES MANAGEMENT CAREER (CRM) EXPO

Sponsored by the *American Cultural Resources Association (ACRA)* and SAA, the CRM Expo will be held from 1:00 pm–4:00 pm in Atlantic Hall B-C, Saturday, April 9. Representatives from CRM firms will be available to chat informally and individually with Expo attendees about their organizations, career paths available, etc. A full list of Expo exhibitors is located in the program update. 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 9 from 12 pm–3:30 pm that day at no charge.* The Expo registration will only admit you to the Expo.

### 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.

### 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 7, from 9 am to 5 pm; Friday, April 8, from 9 am to 5 pm; and Saturday, April 9, from 9 am to 5 pm, in Atlantic Hall B&C.

### GENDER NEUTRAL BATHROOM

The restroom located between Australia 1 and Australia 2 has been designated as a gender neutral bathroom from 8 am Wednesday, April 6, until 12 pm Sunday, April 10.

### 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. Guest badges are available only to **immediate family members** of a registered meeting attendee (assuming the guest is a non-archaeologist). 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 which 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 on-site, 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 to 6:00 pm in Australia 3 on Wednesday, April 6. Ask questions and be prepared just before the Opening Session/President's Forum kickoff. We would like to welcome you to Orlando at this brief but information-packed session! No pre-registration required!

**OFFICE**

Beginning Monday, April 4, through noon on Sunday, April 10, the SAA Staff Office is located in Europe 1.

**OPENING SESSION/PRESIDENT'S FORUM**

The Opening Session/ President's Forum, *Climate Change and Archaeology*, will be on Wednesday, April 6, in Pacific Hall C from 6:30 pm to 8:30 pm.

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

Poster sessions will be conducted in Atlantic Hall B (Poster Entrance) beginning on Thursday, April 7. 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.

**PRESS OFFICE**

The Press Office, located in Europe 2, will be open Wednesday through Saturday, 9 am to 5 pm, and on Sunday, 9 am to noon, staffed by Amy Rutledge, SAA's manager, Communications and Fundraising.

**REGISTRATION**

Registration is located in the Convention Foyer. Registration hours: Wednesday, 2 pm to 8 pm; Thursday, 7 am to 8 pm; Friday, 7 am to 4 pm; Saturday, 7 am to 4 pm; and Sunday, 7 am to 8 am. Individuals who registered by March 7, 2016, can pick up their registration packets at the Advance Registration counters. Individuals who have not registered in advance should report to the Onsite Registration desk. *A badge is required for admission to meeting sessions, workshops, excursions, and exhibits.* A \$5 fee will

be charged to replace a badge or program book.

**SESSION CHAIRS**

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

**SILENT AUCTION!**

Visit the Native American Scholarships Committee (NASC) Booth 502 in the Exhibit Hall, Atlantic Hall B&C, 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.

**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 Oceanic 8. The Speaker Ready Room will be open on Wednesday from 2 pm to 8 pm, on Thursday from 7 am to 9 pm, on Friday and Saturday from 7 am to 6 pm, and on Sunday from 7 am to 11:45 am.

**STUDENT WELCOME RECEPTION – ALL STUDENT ATTENDEES**

All student attendees are invited to attend a mixer hosted by SAA's Board of Directors in cooperation with SAA's Student Affairs Committee. From 9:00 pm to 10:30 pm on Wednesday in Northern Hemisphere E1-E4, meet SAA leadership, network with colleagues, 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***

**Date:** Wednesday, April 6, 2016

**Time:** 6:30 pm–8:30 pm

**Location:** Pacific Hall C

#### ***The Ethics Bowl***

**Date:** Thursday, April 7, 2016

**Time:** 1:00 pm–3:00 pm

**Location:** Asia 3

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

#### ***Making Archaeology Public: The MAPP Video Theater***

**Dates:** April 7–April 9

**Times:** Thursday 9am–8pm

Friday 9am–5pm

Saturday 9am–5pm

**Location:** Atlantic Hall A



On October 15, 1966, President Lyndon Johnson signed the National Historic Preservation Act (NHPA) into law and formally recognized historic preservation as an important policy of the United States. Enacted after the destruction of numerous buildings and archaeological sites during the years after World War II, the NHPA provides a framework for identifying and preserving America's cultural and historic heritage. Envisioned as a partnership among federal agencies, states, Indian tribes, communities, and individuals, the law

has been a powerful tool for preserving the historic and cultural fabric of the United States.

In 2016, communities and organizations across the United States will be coming together to celebrate 50 years of preservation of historic places as a result of the passage of the NHPA and to develop a vision for the next 50 years of historic preservation in this country. One of the nationwide initiatives to celebrate the anniversary is *The Making Archaeology Public Project*. The MAP Project is a cooperative, grassroots effort on the part of professional archaeologists to produce a series of short, engaging videos to showcase for the public some of the fascinating and exciting things that we have learned about life in the past as a result of archaeological work mandated by the NHPA. SAA has been a supporter of MAPP since its inception, and as part of the Society's contribution to the 50<sup>th</sup> anniversary celebration, we are making the currently available state videos available for viewing in Atlantic Hall A. These videos are also available on line at:

<http://preservation50.org/mapp/>

#### ***TAIG's 1st Annual Teaching Slam***

**Date:** Friday, April 8, 2016

**Time:** 7:00–8:30 pm

**Location:** Southern Hemisphere 4

Join the Teaching Anthropology Interest Group (TAIG) on Friday, April 8, 7:00–8:30 pm for their brief general meeting and the 1st Annual Teaching Slam! The Teaching Slam is inspired by the popular Three-Minute-Thesis competitions. Presenters will offer a three-minute lesson on an introductory-level archaeological concept, with a focus on audience engagement. Join us for a fast-paced, fun-filled competition sure to inspire new teaching ideas for both new and seasoned archaeology teachers.

**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 (Atlantic Hall B&C), 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 pm on Friday, and the winners will be honored at the Annual Business Meeting and Awards Celebration at 5 pm on Friday. The poster contest is co-sponsored by SAA's Public Education Committee and the Council of Affiliated Societies.

**MEETING SERVICES: HOURS OF OPERATION**

	Wednesday	Thursday	Friday	Saturday	Sunday
Abstract Viewing Center	2pm to 8pm <i>Convention Foyer</i>	7am to 10pm <i>Convention Foyer</i>	7am to 4pm <i>Convention Foyer</i>	7am to 5pm <i>Convention Foyer</i>	7am to 11am <i>Convention Foyer</i>
Registration	2pm to 8pm <i>Convention Foyer</i>	7am to 8pm <i>Convention Foyer</i>	7am to 4pm <i>Convention Foyer</i>	7am to 4pm <i>Convention Foyer</i>	7am to 8am <i>Convention Foyer</i>
Speaker Ready Room	2pm to 8pm <i>Oceanic 8</i>	7am to 9pm <i>Oceanic 8</i>	7am to 6pm <i>Oceanic 8</i>	7am to 6pm <i>Oceanic 8</i>	7am to 11:45am <i>Oceanic 8</i>
Press Office	9am to 5pm <i>Europe 2</i>	9am to 5pm <i>Europe 2</i>	9am to 5pm <i>Europe 2</i>	9am to 5pm <i>Europe 2</i>	9am to noon <i>Europe 2</i>
Exhibits		9 am to 5pm <i>Atlantic Hall B&amp;C</i>	9am to 5pm <i>Atlantic Hall B&amp;C</i>	9am to 5pm <i>Atlantic Hall B&amp;C</i>	
MAPP VideoTheater (see previous page)		9 am to 8pm <i>Atlantic Hall A</i>	9 am to 5pm <i>Atlantic Hall A</i>	9 am to 5pm <i>Atlantic Hall A</i>	
CRM EXPO				1:00pm to 4:00pm <i>Atlantic Hall B-C</i>	

### Summary Schedule

#### **Monday, April 4**

8:00am–5:00pm  
*Europe 4*  
 US Forest Service Heritage Program Meeting

#### **Tuesday, April 5**

8:00am–5:00pm  
*Europe 4*  
 US Forest Service Heritage Program Meeting (cont'd)

8:30am–4:30pm  
*Europe 5*  
 Association of Transportation Archaeologists (ATA) Annual Meeting

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

#### **Wednesday, April 6**

**2:00pm–8:00pm**  
*Convention Foyer*  
**Meeting Registration**

7:00am–8:00am  
*Australia 1*  
 SAA Board of Directors New Board Member Orientation

8:00am–4:45pm  
*Australia 1*  
 SAA Board of Directors Meeting

8:00am–5:00pm  
*Europe 4*  
 US Forest Service Heritage Program Meeting (cont'd)

8:30am–4:30pm  
*Europe 5*  
 Association of Transportation Archaeologists (ATA) Annual Meeting (cont'd)

8:30am–5:00pm  
*Oceanic 6*  
 Project Archaeology Annual Meeting

9:00am–4:30pm  
*Oceanic 1*  
 National Park Service Archaeologists Meeting

9:00am–5:00pm  
*Oceanic 2*  
 DoD CRM Town Hall (By Invitation)

9:00am–5:00pm  
*Europe 2*  
 Press Office

1:00pm–4:00pm  
*Europe 6*  
 National Association of State Archaeologists Annual Meeting (By Invitation)

1:00pm–5:00pm  
*Europe 8*  
 Workshop Best Practices for the Curation of Digital Archaeological Data and Information

1:00pm–6:00pm  
*Europe 7*  
 Ethics Committee Meeting

5:30pm–6:00pm  
*Australia 3*  
 First-time Attendees Meeting Orientation

6:30pm–8:30pm  
*Pacific Hall C*  
 Opening Session/ President's Forum

9:00pm–10:30pm  
*Northern Hemisphere E1-E4*  
 Student Member Welcome from SAA's Board of Directors  
 (No fee; pre-registration)

#### **Thursday, April 7**

**7:00am–8:00pm**  
*Convention Foyer*  
**Meeting Registration**

7:30am–12:00pm  
*Northern Hemisphere A1&A2*  
 Ethics Bowl Preliminary Rounds

8:00am–10:00am <i>Oceanic 6</i> Council of Councils Meeting	4:00pm–6:00pm <i>Pacific B</i> Government Affairs Committee Meeting
8:00am–12:00pm Symposia	4:00pm–6:00pm <i>Pacific B</i> Investment and Finance Committee Meeting
9:00am–5:00pm <i>Europe 2</i> Press Office	4:00pm–6:00pm <i>Pacific B</i> Dienje Kenyon Fellowship Committee Meeting
9:00am–5:00pm <i>Atlantic Hall B&amp;C</i> Exhibit Hall	4:00pm–6:00pm <i>Pacific B</i> Lifetime Achievement Award Committee Meeting
1:00pm–3:00pm <i>Asia 3</i> Ethics Bowl	4:00pm–6:00pm <i>Pacific B</i> Minority Scholarships Committee Meeting
1:00pm–5:00pm Symposia	4:00pm–6:00pm <i>Pacific B</i> Committee on Museums, Collections, and Curation Meeting
2:00pm–3:00pm <i>Europe 5</i> Meeting of <i>Latin American Antiquity</i> Editorial Board	4:00pm–6:00pm <i>Pacific B</i> Committee on Native American Relations Meeting
2:30pm–3:30pm <i>President's Suite</i> Fundraising Committee Meeting	4:00pm–6:00pm <i>Pacific B</i> Native American Scholarships Committee Meeting
4:00pm–6:00pm <i>Pacific B</i> Academic Tenure & Promotions Task Force Meeting	4:00pm–6:00pm <i>Pacific B</i> Fred Plog Memorial Fellowship Committee
4:00pm–6:00pm <i>Pacific B</i> Addressing Sexual Harassment Task Force Meeting	4:00pm–6:00pm <i>Pacific B</i> Public Education Committee Meeting
4:00pm–6:00pm <i>Pacific B</i> Crabtree Award Committee Meeting	4:00pm–6:00pm <i>Pacific B</i> Sexual Harassment Data Collection Task Force Meeting
4:00pm–6:00pm <i>Pacific B</i> Excellence in CRM Award Committee Meeting	4:00pm–6:00pm <i>Pacific B</i> Committee on the Status of Women in Archaeology Meeting
4:00pm–6:00pm <i>Pacific B</i> Committee on Curriculum Meeting	4:00pm–6:00pm <i>Pacific B</i>
4:00pm–6:00pm <i>Pacific B</i> Ethics Committee Meeting	

Student Affairs Committee Meeting	12:00pm–1:00pm <i>Europe 9</i> History of Archaeology Interest Group Meeting
4:00pm–6:00pm <i>Pacific B</i> Student Paper Award Committee Meeting	12:00pm–1:00pm <i>Europe 10</i> Island and Coastal Archaeology Interest Group Meeting
4:00pm–6:00pm <i>Europe 3</i> Council of Affiliated Societies Annual Business Meeting	12:00pm–1:00pm <i>Europe 8</i> Military Archaeology Resource Stewardship Interest Group Meeting
5:30pm–7:30pm <i>Americas Seminar</i> Women in Archaeology Interest Group Reception and Business Meeting	12:00pm–1:00pm <i>Europe 7</i> Queer Archaeology Interest Group Meeting
6:00pm–7:00pm <i>Europe 5</i> Indigenous Populations Interest Group Meeting	1:00pm–2:50pm <i>Europe 3</i> Committee on Climate Change Strategies and Archaeological Resources Meeting
6:00pm–10:00pm Symposia	1:00pm–3:00pm <i>Europe 4</i> Repatriation Committee Meeting
<b>Friday, April 8</b>	1:00pm–3:00pm <i>Europe 5</i> Publications Committee Meeting
<b>7:00am–4:00pm</b> <i>Convention Foyer</i> <b>Meeting Registration</b>	1:00pm–3:00pm <i>Oceanic 6</i> PEC State Network Coordinators Meeting
8:00am–10:00am <i>Europe 6</i> International Government Affairs Committee Meeting	1:00pm–5:00pm Symposia
8:00am–12:00pm Symposia	2:00pm–4:00pm <i>Europe 2</i> Media Relations Committee Meeting
9:00am–11:00am <i>Oceanic 6</i> Committee on the Americas Meeting	3:00pm–4:00pm <i>Europe 3</i> Public Archaeology Interest Group Meeting
9:00am–5:00pm <i>Europe 2</i> Press Office	3:00pm–4:30pm <i>Europe 6</i> Forensic Archaeology Recovery Annual Meeting
9:00am–5:00pm <i>Atlantic B&amp;C</i> Exhibit Hall	5:00pm–6:30pm <i>Pacific C</i> Annual Business Meeting and Awards Presentation
12:00pm–1:00pm <i>Europe 11</i> Fiber Perishables Interest Group Meeting	6:30pm–8:30pm
12:00pm–1:00pm <i>Europe 6</i> Heritage Values Interest Group Meeting	

*Northern Hemisphere A1*  
Society of Africanist Archaeologists  
Reception

6:45pm–7:45pm  
*Southern Hemisphere 5*  
Rock Art Interest Group Meeting

6:45pm–8:15pm  
*Europe 6*  
Society for Archaeological Sciences  
Business Meeting

6:45pm–8:45pm  
*Northern Hemisphere A2*  
Native American Welcome Reception

7:00pm–8:30pm  
*Southern Hemisphere 4*  
Teaching Archaeology Interest Group  
Meeting & Teaching Slam

7:00pm–9:00pm  
*Americas Seminar*  
Geoarchaeology Interest Group Meeting

7:00pm–9:00pm  
*Southern Hemisphere 3*  
Digital Data Interest Group Meeting

#### **Saturday, April 9**

**7:00am–4:00pm**  
*Convention Foyer*  
**Meeting Registration**

7:00am–8:00am  
*Americas Seminar*  
Committee and Task Force Chair/Interest  
Group Organizer Breakfast with the Board  
(by invitation)

8:00am–12:00pm  
Symposia

8:15am–5:00pm  
*Europe 3*  
SAA Board of Directors Meeting

9:00am–5:00pm

*Atlantic B&C*  
Exhibit Hall

10:00am–11:00am  
*Europe 6*  
*Advances in Archaeological Practice*  
Editorial Board Meeting

10:00 am–11:00am  
*Europe 4*  
CRO Coordinators Meeting

12:00pm–1:30pm  
*Europe 6*  
International Association for Obsidian  
Studies (IAOS) Annual Meeting

1:00pm–4:00pm  
*Atlantic Hall B/C*  
CRM Expo

1:00pm–5:00pm  
Symposia

5:00pm–6:00pm  
*Europe 6*  
Zooarchaeology Interest Group Meeting

5:30pm–7:00pm  
*Americas Seminar*  
Get Together for Archaeologists of East  
and Southeast Asia

6:00pm–7:00pm  
*Europe 5*  
Prehistoric Quarries and Early Mines  
Interest Group

#### **Sunday, April 10**

**7:00am–8:00am**  
*Convention Foyer*  
**Meeting Registration**

8:00am–12:00pm  
Symposia

9:00am–12:00pm  
*Europe 2*  
Press Office

## A WORD ABOUT THE SESSIONS

The sessions that make up the bulk of the program fall within four 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.

Any of these sessions may be “sponsored” and/or “invited.” The designation “sponsored” indicates the support of an SAA committee, 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 committees 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 2 hours in duration. Please check the schedule for these sessions in Sessions at a Glance.*

### COMING IN 2017 TO THE SAA VANCOUVER, BC ANNUAL MEETING

#### ⚡ LIGHTNING ROUNDS! ⚡

⚡ Each round is organized around a topic or area;

⚡ Each round is 2 hours;

⚡ 1<sup>st</sup> hour: 3-minute presentations with 3 slides max, 10-15 presenters;

⚡ 2<sup>nd</sup> hour: discussion either with individual presenters or group;

⚡ Lightning round roles: **Moderator** (co-moderator) and **discussant**!

**Look for more information in the 2017 Call for Submissions.**

### SAA's 82nd Annual Meeting in 2017!

Plan now to attend the SAA 82nd Annual Meeting in Vancouver, BC, Canada, March 29–April 2, 2017. Guidelines for contributors (Call for Submissions) who wish to submit papers, posters, or forums for consideration are posted on SAAweb ([www.saa.org](http://www.saa.org)). The Online Submissions System for Vancouver will open on May 2, 2016.

Sessions at Glance: Wednesday Evening, April 6 and Thursday Morning, April 7					
Wednesday April 6	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00
Pacific Hall C	1 Forum: President's Forum: Climate Change and Arch				
Thursday April 7	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00
Southern Hemisphere Salon 5	2 Symposium: Foragers				
Northern Hemisphere Salon E3	3 General Session: Contact, Colo		34 Symposium: Hopewell Ceremonial Landscapes Seen Through the		
Northern Hemisphere Salon E1	4 Symposium: Computational approaches in th		35 Symposium: Strategic Approaches to Digital Public Arc		
Oceanic 4	5 Forum: Archaeologies of Inclusion: Towards a Politi				
Atlantic Hall B	6-10 Poster Sessions		36-42 Poster Sessions		
Oceanic 3	11 Symposium: Public Engagement and Education: De				
Oceanic 1	12 Symposium: A New Archaeological Frontier: Urban				
Asia 3	13 Symposium: Towards a Global Understanding of Ochre Use: Metho				
Oceanic 5	14 Symposium: New Data for Old Problems: Recent Approaches to Arc				
Asia 2	15 Symposium: Mesoamerican Painting: Social Memory on Virtual Dis				
Southern Hemisphere Salon 1	16 Symposium: Crossing Frontiers of Disciplines and Countries. A Symposium				
Southern Hemisphere Salon 3	17 Symposium: Chaco and Hopewell: Rethinking "Interaction Spheres"		43 Symposium: Pueblo		
Asia 1	18 Symposium: Mediating Spirit Worlds in Native North America				
Oceanic 7	19 Symposium: Archaeobotany and Household Contexts				
Australia 3	20 General Session: Regional Archaeology in Mesoamerica				
Australia 2	21 Symposium: After Anzick: Reconciling New Genomic Data and Models with the				
Northern Hemisphere Salon A3	22 Symposium: Parting the Red Sea: Late Pleistocene Lithic Variability and Human Dispersals in the				
Northern Hemisphere Salon E2	23 Symposium: Ceramics, Identity and Regional Interaction in the Lower Amazon				
Asia 4	24 Symposium: The Bioarchaeology of Frontier and Borderlands				
Southern Hemisphere Salon 4	25 Symposium: On the Move: Archaeological Approaches to Children and Childhood				
Northern Hemisphere Salon D	26 Symposium: Nuts and Bolts of the Real "Business" of Ancient Maya Exchange (Part 1)				
& DE Corridor					
Asia 5	27 General Session: Communities Neighborhoods and Architecture in Mesoamerica				
Northern Hemisphere Salon C	28 Symposium: 2016 Fryxell Award Symposium: Papers in Honor of Elizab				
Northern Hemisphere Salon A4	29 Symposium: Community Matters: Active Involvement with Tribal Communities,				
Northern Hemisphere Salon E4	30 Symposium: NAGPRA Applied: Stories from the Field on its 25th Anniversary				
Southern Hemisphere Salon 2	31 Symposium: Social Complexity in the Central Andean Region: Current Research on the				
Southern Hemisphere Salon 5	32 Symposium: After the Volcano Erupted: Papers in Honor of Dr.				
Oceanic 2	33 Forum: "Destruction" and the Rhetoric of Architectural				



Sessions at Glance: Thursday Afternoon, April 7					
Thursday April 7	1:00 PM	2:00 PM	3:00 PM	4:00 PM	
Asia 3	44A The Ethics Bowl				
Northern Hemisphere Salon A4	44 General Session: Archa		76 General Session: Chilean Arch		
Northern Hemisphere Salon E4	45 Symposium: Everybody Else: The Predec		72 Symposium: Human-Environmental Interactions in the Mediterranean Basin		
Oceanic 7	46 General Session: Ceramics in				
Northern Hemisphere Salon E3	47 Symposium: Gestures Across a Continent: Hands,		75 Symposium: Big Roles for Smallholders in Complex Societies		
Oceanic 2	48 Forum: The Future of American Archaeology: Engage the			77 General Session: Maya Ritual	
Oceanic 3	49 Symposium: Shell Midden Microarchaeology Unraveled				
Northern Hemisphere Salon E2	50 Symposium: Recent Research at the Ceremonial Center				
Oceanic 5	51 Symposium: Multi-Directional Colonialism: Approaches to Studying Global			78 General Session: Histo	
Australia 3	52 Symposium: "Skull Cults" amongst Hunter-Gatherers?			80 General Session: European Zooar	
Southern Hemisphere Salon 5	53 Symposium: After the Volcano Erupted: Papers in Honor of Payson Sheets			79 General Session: Crossroads: Connection	
Asia 2	54 Symposium: Combating Inequality: Archaeology and the Production of Capit				
Northern Hemisphere Salon E1	55 Symposium: Understanding the Nature and Timing of Human Responses to Enviro				
Southern Hemisphere Salon 2	56 Symposium: Social Complexity in the Central Andean Region: Current Research on the Init				
Southern Hemisphere Salon 4	57 Symposium: Ceramics of the Indigenous Peoples of South America: Studies of Production and Excha				
Northern Hemisphere Salon A3	58 Symposium: Exhibiting Mesoamerican Archaeology in the Early 21st Century				
Northern Hemisphere Salon D	59 Symposium: Nuts and Bolts of the Real "Business" of Ancient Maya Exchange (Part 2)				
& DE Corridor					
Northern Hemisphere Salon C	60 Symposium: Historical Ecology, Heterarchy and Multitemporal Dynamics: Papers in Honor of Carole Crumley				
Asia 4	61 Symposium: Exploring 12,000 Years of Occupation, Land Use, and Conflict: Archaeological and Historical Research Sponsored				
Asia 1	62 Symposium: The Role of High Altitude Landscapes in the Peopling of the New World				
Southern Hemisphere Salon 1	63 Symposium: Excavating the Museum: New Research on Old Collections				
Atlantic Hall B	64-68 Poster Sessions				
Southern Hemisphere Salon 3	69 Symposium: From Dirt to Behavior: Papers in Honor of David B. Madse				
Asia 5	70 Symposium: Breaking Boundaries: Exploring Colonialism in the Modern World				
Australia 2	71 Symposium: Assessing Outcomes in Public Archaeology: Imperatives, Perils, and Framew				
Oceanic 4			73 Forum: MARS Forum - Adapting to the Future: The Changing Role of Cu		
Oceanic 1			74 Symposium: "Let's Talk about [Collapse], Baby": Explorations in the Ar		

Sessions at Glance: Thursday Evening, April 7				
Thursday April 7	6:00 PM	7:00 PM	8:00 PM	9:00 PM
Asia 3		81 General Session: Archa		
Asia 5		82 General Session: Weste		
Oceanic 3		83 General Session: Shipw		
Oceanic 5		84 General Session: Meth		
Northern Hemisphere Salon E1		85 General Session: Mobility, Technology,		
Asia 1		86 General Session: Mortuary Studies in th		
Asia 2		87 General Session: Caucasus Archaeology		
Northern Hemisphere Salon A4		88 General Session: Ancient Maya Political Organizat		
Oceanic 2		89 Forum: Across the Atlantic: Professionalism in Archaeol		
Atlantic Hall B		90-94 Poster Sessions		
Northern Hemisphere Salon A3		95 Symposium: 'Calibrating' Palaeoclimatology-informed		
Northern Hemisphere Salon E3		96 Symposium: Reconstructing Resource Availability, Use,		
Southern Hemisphere Salon 3		97 Symposium: The Rise, Spread, and Dominion of Human		
Southern Hemisphere Salon 4		98 General Session: Southeastern Archaeology		
Southern Hemisphere Salon 2		99 Symposium: Andean Ontologies: New Perspectives from Archaeology, Ethnohistory		
Northern Hemisphere Salon E4		100 Symposium: The Environmental Legacies of Colonialism in the Neotropics		
Southern Hemisphere Salon 5		101 Symposium: Connections and Complexity: Shifting Perspectives and Current Rese		
Asia 4		102 Symposium: Continuity and Change in the Peruvian North Highlands: Current Res		
Oceanic 1		103 General Session: European Bioarchaeology		
Oceanic 7		104 Symposium: What was "Fremont"? Advances in the Explanation and Archaeological Unde		
Northern Hemisphere Salon D & DE Corridor		105 Symposium: Powerful Places in the Ancient Andes		
Northern Hemisphere Salon C		106 Symposium: Guava Cat Archaeology: Papers in memory of Prof. Pochan Chen		
Southern Hemisphere Salon 1		107 Symposium: Archaeology of the Night		

Sessions at Glance: Friday Morning, April 8					
Friday April 8	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00
Oceanic 4		108 Electronic Symposium: Dynamic Worlds, Shifting		144 General Session: Archaeology of Iroquo	
Oceanic 2		109 Forum: Exploring the Unnamed Era: Pre-Mamom Pott		140 General Session: Technological Advances in Arc	
Atlantic Hall B		110-115 Poster Sessions		145-149 Poster Sessions	
Northern Hemisphere Salon E3		116 Symposium: Buried, Burned, Bundled and Broken:		143 General Session: Eurasia - West	
Asia 3		117 Symposium: Human Sacrifice in Ancient Mesoamerica:		141 Symposium: Caribbean Archaeol	
Northern Hemisphere Salon E2		118 General Session: Archaeology of the Northern Peruvia		142 Symposium: British Colonial Lan	
Northern Hemisphere Salon E1		119 Symposium: Architectural Energetics		150 General Session:	
Oceanic 7		120 Symposium: Student Contributions in Geoarchaeology		151 General Session: Archaeology	
Oceanic 5		121 General Session: Advances in Archaeological Methods			
Australia 2		122 Symposium: Food and Culture in the Andes		153 General Session: Mid-A	
Oceanic 3		123 General Session: Plains and Basin Archaeology			
Oceanic 1		124 General Session: Cool Archaeology: Alaska, British Columbia and the North		152 General Session:	
Northern Hemisphere Salon A3		125 Symposium: Anthrop Activity Markers: Archaeology and Ethnoarchaeology			
Northern Hemisphere Salon E4		126 Symposium: Built Environments of Enslaved Experience in the Caribbean			
Southern Hemisphere Salon 1		127 Symposium: The Bolonché Regional Archaeological Project: Sixteen Years of Investigating Maya			
Asia 2		128 Symposium: Why Social Archaeology Matters			
Asia 4		129 Symposium: The Rise and Decline of Teotihuacan: Urbanism, Daily Life, and Regional Relations through			
Northern Hemisphere Salon C		130 Symposium: "Changes in Latitudes, Changes in Attitudes": Transitions and Thresholds throughout Central Amer			
Northern Hemisphere Salon D		131 Symposium: Rock Art: Methodology and Interpretation in the Archaeology of the Site			
& DE Corridor					
Australia 3		132 Symposium: Terraforming and Monumentality in Hunter-Gatherer-Fisher Landscapes			
Southern Hemisphere Salon 3		133 Symposium: Recent Considerations of Coastal Subsistence Practices in the Southeastern USA			
Southern Hemisphere Salon 4		134 Symposium: Applications of Isotope Research in Zooarchaeology			
Asia 1		135 Symposium: E pur si muove: Exploring Mobilities in Latin America			
Asia 5		136 Symposium: Pluralidad en los Estudios Mesoamericanos: regiones y perspectivas			
Southern Hemisphere Salon 5		137 Symposium: Reconsidering Mississippian Households and Communities			
Southern Hemisphere Salon 2		138 Symposium: The Contributions of Vernon Scarborough in Water Management and			
Northern Hemisphere Salon A4		139 Symposium: Mobility and Use of Space in Late Pleistocene South America: Is it Pos			

Sessions at Glance: Friday Afternoon, April 8					
Friday April 8	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM
Oceanic 4	154 Symposium: Cerámica		186 Forum: Addressing Sexual Harassment and Assault in Arc		
Australia 2	155 General Session: Pleistocene-Holocene		187 Symposium: Forensic Archaeology		
Northern Hemisphere Salon E1	156 General Session: Archaic and Ceramic Age Carib			191 Symposium: Heritage Tools for Tackl	
Oceanic 1	157 Electronic Symposium: Human-Environmental Dynami			188 General Session: Landscape, Settlement Pattern	
Oceanic 2	158 Forum: Presenting the Ancient Maya in 3D			189 General Session: Archaeology of the	
Asia 2	159 General Session: Early Human Activities in the Southea			190 General Session: Canadian	
Oceanic 7	160 Symposium: Primer of the Ancient Mariner: New Perspectives			192 Symposium: Captivity and	
Asia 4	161 Symposium: North and South: New Directions in Medieval European Arch			193 General Session: Hi	
Southern Hemisphere Salon 2	162 Symposium: The Contributions of Vernon Scarborough in Water Manage			194 General Session: Ch	
Northern Hemisphere Salon E4	163 Symposium: Cerámica sin Fronteras: Defining Cultural Phenomena at the				
Southern Hemisphere Salon 1	164 General Session: Florida Archaeology				
Oceanic 5	165 Symposium: Celebrating NHPA 50th the US Forest Service Way - It's All about				
Oceanic 3	166 Symposium: Long-Term Settlement Dynamics and Land Use on the Mani peninsula				
Asia 3	167 General Session: Brazilian Archaeology and Ethnoarchaeology				
Asia 5	168 General Session: New Approaches in Southwestern Archaeology				
Asia 1	169 Symposium: The Cerro Jazmin Archaeological Project 2008-2015: discussing early urban				
Northern Hemisphere Salon C	170 Symposium: Papers in Honor of Lawrence Guy Straus				
Northern Hemisphere Salon A3	171 Symposium: Inequality from the Bottom Up: Measuring and Explaining Household Inequ				
Northern Hemisphere Salon A4	172 Symposium: Color, Structure and Meaning in Ancient Andean Fiber Arts				
Northern Hemisphere Salon E3	173 General Session: China and Japan				
Southern Hemisphere Salon 5	174 Symposium: Methodological Tool or Paradigm Shifter? Assessing the Status of GIS in Archaeological				
Northern Hemisphere Salon D	175 Symposium: Rock Art and Sacred Spaces: Recent Approaches to the Study of Ritual Landscapes				
& DE Corridor					
Southern Hemisphere Salon 4	176 Symposium: New Methods in Zooarchaeology				
Australia 3	177 Symposium: Fire, Food, Farms, and Fortifications: Recent Advances in the Archaeology of Africa				
Southern Hemisphere Salon 3	178 Symposium: Olmec, Chavin, and Things in Between: A Comparative Approach to Emergent Complex Societies				
Northern Hemisphere Salon E2	179 General Session: Craft Production and Exchange in Mesoamerica				
Atlantic Hall B	180-185 Poster Sessions				
Pacific Hall C					Annual Business

Sessions at Glance: Saturday Morning, April 9				
Saturday April 9	8:00 AM	9:00 AM	10:00 AM	11:00 AM 12:00
Southern Hemisphere Salon 5	195 General Session: Mort			
Northern Hemisphere Salon A4	196 General Session: Archaeology			233 General Session: Inka Archaeology
Asia 5	197 General Session: Landscape Stu			228 Symposium: From the Bottom Up: Hilto
Northern Hemisphere Salon E4	198 Symposium: Framing the Local within		226 General Session: Collaborative and	
Oceanic 1	199 General Session: Levant Archaeology			227 General Session: Archaeol
Oceanic 3	200 General Session: Plains Lithic Analysis			232 General Session: Lithics in Ancient Nort
Asia 2	201 Debate: The Southwest In the World: A Discussion of			229 Symposium: Archeology in the National
Oceanic 4	202 Forum: For the Record: Archaeological Archives in the			230 Symposium: Cave Art and Archaeology
Oceanic 2	203 Forum: Tribal Historic Preservation in the United State			231 Symposium: Interacciones Sociales, Ma
Atlantic Hall B	204-207 Poster Sessions			234-237 Poster Sessions
Northern Hemisphere Salon E1	208 Symposium: Public Agencies and Universities: Partners			
Oceanic 5	209 Symposium: Understanding Visual Culture Without Textual Sources:			239 General Session: Zooar
Australia 2	210 Symposium: Global Change Threats to the Archaeological and Paleoeocolg			
Asia 3	211 Symposium: Global Perspectives on the Impact of Drastic Environmental			
Northern Hemisphere Salon E2	212 Symposium: The Copan Kingdom and its Political Interactions along the Southeastern Ma			
Southern Hemisphere Salon 3	213 General Session: Historical Archaeology in the Southeast			
Oceanic 7	214 Symposium: Exploring the Microscale: Advances and Novel Applications of Microscopy for Archaeologica			
Northern Hemisphere Salon C	215 Symposium: The Poetics of Processing: Memory formation, cosmology and the handling of the dead			
Southern Hemisphere Salon 1	216 Symposium: Impacts, Articulations and Innovations in the Archaeological Study of the Mesoamerican Gulf			
Southern Hemisphere Salon 2	217 Symposium: Envisioning and Re-envisioning Arctic Archaeology: The Enduring Legacies of J. Louis Giddings			
Northern Hemisphere Salon D	218 Symposium: Human Adaptations to Lateglacial and Early Holocene Climate and Environmental Changes: Towards a Trans-Atlantic Perspective (Part 1)			
Asia 4	219 Symposium: Colonial Encounters in the Prehispanic Andes			
Southern Hemisphere Salon 4	220 Symposium: New Insights into the Archaic of the Circum-Caribbean			
Australia 3	221 Symposium: Engendered Archaeologies: Intersubjectivity in Archaeological Heritage Practice and Interpretation			
Asia 1	222 Symposium: Caribbean Environmental Archaeology: New Perspectives on Human Ecodynamics and Social Relations			
Northern Hemisphere Salon E3	223 Symposium: Biological Exchange in the Anthropocene: Archaeological and Genetic Perspectives			
Northern Hemisphere Salon A3	224 General Session: Current research in the Magreb, Egypt			
Southern Hemisphere Salon 5	225 General Session: Mississippian Built Environment and Daily			

Sessions at Glance: Saturday Afternoon, April 9					
Saturday April 9	1:00 PM	2:00 PM	3:00 PM	4:00 PM	
Northern Hemisphere Salon E2	240 General Session: Miss		270 General Session: Subsistence and Agricultural Strategies in Mesoamerica		
Northern Hemisphere Salon E3	241 General		273 General Session: Mayan Archaeology		
Northern Hemisphere Salon D & DE Corridor	242 Symposium: Human Adaptations to Lateglacial and Early Holocene Climate				
Oceanic 5	243 Symposium: Realities on the Ground:		271 General Session: Greek and Roman Archaeology		
Oceanic 2	244 Symposium: Trash Rules: Intrasite Zo		272 Electronic Symposium: Evolutionary Archaeologies: New Approaches,		
Oceanic 7	245 General Session: Californian Archaeol		275 Symposium: Current Bioarchaeological Research in the Casa		
Southern Hemisphere Salon 5	246 Symposium: The Belle Glade Culture Revisited		274 General Session: Paleoindian		
Asia 2	247 General Session: Theoretical Approaches in Arc		279 General Session: Archaeology of Northern South		
Oceanic 3	248 Forum: Archaeological "Art": Art, Material Culture, Visu		276 General Session: Bioantropological Stud		
Oceanic 4	249 Forum: Issues in Submerged Prehistoric Archaeology				
Oceanic 1	250 Forum: Who Owns The Past? A Discussion Between Nat		278 General Session: European Paleolithic Age		
Northern Hemisphere Salon E1	251 Symposium: "Unless We Remember We Cannot Unders		277 General Session: Human-Coastal		
Australia 3	252 General Session: South Asia		280 General Session: Archaeology		
Northern Hemisphere Salon C	253 Symposium: Adventures in Archaeology: A Symposium in Honor of Wm. Je				
Northern Hemisphere Salon A4	254 General Session: Worldwide Preservation and Heritage Management: Adv				
Asia 5	255 General Session: Prehispanic Andean Technologies			281 General Session: Colonial Archa	
Northern Hemisphere Salon E4	256 Symposium: Understanding Classic Maya Hegemonic Networks Through Textual-				
Asia 3	257 General Session: European Bronze Age				
Australia 2	258 Symposium: Collaborations and Competition between Professionals and				
Southern Hemisphere Salon 3	259 Symposium: Rethinking the Inka: the View from the South				
Southern Hemisphere Salon 2	260 Symposium: My Best (and Worst) Day at FPAN: Celebrating 10 Years of Florida Public Archaeology Network Program				
Asia 4	261 Symposium: What Do We Mean by "Digital Curation?"				
Southern Hemisphere Salon 4	262 Symposium: Comparative Approaches to Complexity in the Tropics				
Asia 1	263 Symposium: Multidisciplinary Approaches to Amazonian landscapes				
Southern Hemisphere Salon 1	264 Symposium: Incidencia, articulacion e innovacion del conocimiento arqueológico en la Costa del Golfo mesoamericano:				
Atlantic Hall B	265-268 Poster Sessions				
Northern Hemisphere Salon A3	269 General Session: Current research in Southern and				

Sessions at Glance: Sunday Morning, April 10				
Sunday April 10	8:00 AM	9:00 AM	10:00 AM	11:00 AM
Northern Hemisphere Salon E1	282 Symposium: More than a Label: Social Complexity,			
Asia 4	283 Symposium: Consumption patterns and funerary ritual			
Northern Hemisphere Salon E4	284 General Session: Historical Archaeology of the Mid-Atla			
Northern Hemisphere Salon E3	285 General Session: Eastern Woodlands			
Northern Hemisphere Salon A4	286 General Session: Eastern US Bioarchaeology			
Southern Hemisphere Salon 5	287 General Session: Public Archaeology			
Australia 3	288 Symposium: Exploring Two Thousand Years of Human Habitation in the Be			
Asia 1	289 General Session: Connections in the American Southwest			
Southern Hemisphere Salon 3	290 Symposium: The Archaeology, Art, and Iconography of Florida's Watery Landscap			
Northern Hemisphere Salon 2	291 Symposium: Preclassic to Colonial: Current Investigations in the Petén Lakes Region, Gua			
Northern Hemisphere Salon E2	292 Symposium: Recent Applications of Luminescence Dating in Archaeology			
Southern Hemisphere Salon 4	293 Symposium: Beyond the Ethnicity Debate: Examining the Many Contexts of Colonoware			
Northern Hemisphere Salon C	294 Symposium: New Developments in Mesoamerican Subterranean Archaeology			
Southern Hemisphere Salon 1	295 Symposium: Forests of Plenty: Ethnographic and Archaeological Rainforests as			
Asia 5	296 Symposium: Model Environments: Human Ecodynamics on Islands			

Thursday Morning, April 7**Wednesday Evening ■ April 6, 2016****[1] OPENNING SESSION****FORUM ■ PRESIDENT'S FORUM: CLIMATE CHANGE AND ARCHAEOLOGY****Room:** Pacific Hall C**Time:** 6:30 PM - 8:30 PM**Moderator:** Daniel Sandweiss**Participants:**

Paul Mayewski—Discussant

Thomas McGovern—Discussant

Tom Dawson—Discussant

Elizabeth Reitz—Discussant

Daniel Sandweiss—Discussant

Dolores Piperno—Discussant

**Thursday Morning ■ April 7, 2016****[2] SYMPOSIUM ■ FORAGERS IN MIDDLE ATLANTIC PREHISTORY****Room:** Southern Hemisphere Salon 5**Time:** 8:00 AM - 9:00 AM**Chairs:** Heather Wholey and Carole Nash**Participants:**

8:00 Christina Rieth—Settlement Archaeology and the Role of Persistent Places among Forager Societies in Eastern New York

8:15 Carole Nash—Topography and Territoriality in the Virginia Uplands

8:30 Heather Wholey—Trans-egalitarian Society in the Transitional Archaic

8:45 Gregory Lattanzi—Discussant

**[3] GENERAL SESSION ■ CONTACT, COLONIAL AND CONTEMPORARY CARIBBEAN ARCHAEOLOGY****Room:** Northern Hemisphere Salon E3**Time:** 8:00 AM - 9:15 AM**Chair:** Paul Niell**Participants:**

8:00 Patrick Wilkinson—Keepers of the Cave: The Impact Caretakers Have on the Archaeological Record.

8:15 Paul Niell—Heritage and City Foundations in Nineteenth-Century Havana, Cuba

8:30 Jimmy Mans—Transforming Material Collectives: The Subaltern vs the Global

8:45 Philippa Jorissen—You Are What You Eat? - Did Food Consumption Reflect Status, Ethnical or Cultural Differentiation on the Island of Saba between the Late 18th to the Early 20th Century?

9:00 Alissa Jordan—Contemporary Archaeology of Haitian Vodou Caching

**[4] SYMPOSIUM ■ COMPUTATIONAL APPROACHES IN THE PRACTICE OF ARCHAEOLOGY**  
(Sponsored by Digital Data Interest Group)**Room:** Northern Hemisphere Salon E1**Time:** 8:00 AM - 9:45 AM**Chairs:** Neha Gupta and Eric Kansa**Participants:**

8:00 Herbert Maschner—Virtualization, 3D Technologies, and the Democratization of



Thursday Morning, April 7

- Archaeological Research
- 8:15 Valeria Boi—Open Access, Data Reuse and the "Democratization of Knowledge": The Case of Italy
- 8:30 Kelly Ervin and Cameron Wesson—Spatial Literacy and Geostatistics in Archaeology
- 8:45 Alexander Rivas and Carlos Efrain Tox—Predictive Modeling and the Ancient Maya Landscape
- 9:00 J. Daniel Rogers and Wendy Cegielski—The Role of Agent-Based Modeling in Archaeology
- 9:15 Rahul Oka—The Inclusion of Ethnographic Data and Controlling for Political Bias Leads to Robust Modeling in Archaeology
- 9:30 Joshua Wells—Discussant

**[5] FORUM ■ ARCHAEOLOGIES OF INCLUSION: TOWARDS A POLITICS OF ENGAGEMENT**  
*(Sponsored by Queer Archaeology Interest Group)*

**Room:** Oceanic 4

**Time:** 8:00 AM - 10:00 AM

**Moderators:** R. Kyle Bocinsky and Dawn Rutecki

**Participants:**

David Anderson—Discussant  
 Chelsea Blackmore—Discussant  
 Timothy Guyah—Discussant  
 William Jerrems—Discussant  
 Desiree Martinez—Discussant  
 Carol McDavid—Discussant  
 Enrique Rodriguez—Discussant  
 Kathleen Sterling—Discussant

**[6] POSTER SESSION ■ SOUTHEAST**

**Room:** Atlantic Hall B

**Time:** 8:00 AM - 10:00 AM

**Participants:**

- 6-a Robert Austin, John Arthur, Wendy Edwards, Sharlene O'Donnell and Christina Perry Sampson—Breaking New Ground: Archaeology of Domestic Life at the Weedon Island Site, Florida
- 6-b Christine Halling and Ryan Seidemann—Differential Diagnosis of an Unidentified Skeletal Anomaly: A Case Study of Mandibular Resorption from the Smith Creek Site, Mississippi
- 6-c Rachel Black—The Bioarchaeology of None: Recovery and Analysis of an Historic Coffin from Fort McAllister State Park, Georgia.
- 6-d Jennifer Green and Nicole Pezzotti—Using Species Richness To Examine Paleoenvironmental Conditions Of The Northern Everglades: A Preliminary Faunal Analysis Of Wedgworth Midden (8PB16175) And The Bryant Site (8PB46)
- 6-e Ryan Hunt, Jon Russ and Stephen Carmody—Residue Analysis of Archaeological Smoking Pipes from the Southeastern US
- 6-f Alex Lima Hooen, Jon Russ and David Dye—Organic Analysis of Residues from Noded Vessels from the Lower Mississippi Valley
- 6-g Jennifer Melcher—25 Years of Digital Archaeology - Updating the Past to Plan for the Future
- 6-h Benjamin Cross—Analyzing the Use of Inter-Structure Space at Ames, a Mississippian Town in Fayette County, Tennessee
- 6-i Nicholas Triozzi—All Methods, No Madness: Making Sense of Burial Orientations

Thursday Morning, April 7

- Using GIS
- 6-j Sarah Sherwood, Gerald Smith, Stephen Carmody, Alex Friedl and Patrick Vestal—Multidisciplinary Research on “Rebels Rest”: A 150 Year Old Log Frame House Site in Sewanee, Tennessee
- 6-k William Locascio and Sarah Taylor—Exploring the Social Affects of Hurricane Recovery in Colonial St. Augustine
- 6-l Jen Knutson and Robert Lynch—An Ethnobotanical Approach to an Apalachee Ceramic Jar
- 6-m Travis Williams—[Not] Finding Vann’s Quarters: Landscape Dynamics and the Archaeology of the Subaltern on a 19th Century Cherokee Plantation

**[7] POSTER SESSION ■ ARCHEOLOGY OF THE SOUTHEAST I****Room:** Atlantic Hall B**Time:** 8:00 AM - 10:00 AM**Participants:**

- 7-a Donna Ruhl—Ancient Watercraft on Changing Landscapes
- 7-b Charlie Harper and Daniel M. Seinfeld—Woodland Period Settlement Patterns at Letchworth Mounds (8JE337), Jefferson County, Florida
- 7-c Gregg Harding, Jason Wenzel and Alita Huff Mikiten—Beyond the Theme Parks: Community Archaeology in Greater Orlando
- 7-d Carolyn Rock, Meggan Blessing, Nicole Cannarozzi, Arlene Fradkin and Michelle LeFebvre—Reptiles Rule: Patterns of Prehistoric Consumption in the Interior of Southern Florida
- 7-e Jesse Nowak—A World of Wrapped Symbols: Bundling and Iconography on Southeastern Ceramics from the Lemley Collection
- 7-f Mark Rochelo and Donna Selch—Analyzing Historically Significant Archeological Sites to 1800s Survey Plats of Southeast Florida
- 7-g Katherine Jones—Geospatial Analysis of Ogeechee River Valley Settlement Patterns
- 7-h Sarah Zaleski and Nicholas Herrmann—Differentiating burial contexts at Russell Cave, Alabama: pXRF and dental analyses
- 7-i Aric Archebelle-Smith—Manasota Key Cemetery: New Burial Pattern Interpretations from the Florida Gulf Coast
- 7-j Michael Walters—Shaft Tombs in the Caddo World
- 7-k Lynsey Bates, Elizabeth Bollwerk, Leslie Cooper and Jillian Galle—Ceramic Investment by the Enslaved Community at The Hermitage, TN

**[8] POSTER SESSION ■ ARCHAEOLOGY OF THE SOUTHEAST II****Room:** Atlantic Hall B**Time:** 8:00 AM - 10:00 AM**Participants:**

- 8-a Sara Gale, Shawn Patch and Sarah Lowry—Double Palisades and Double Frequencies: Comparing Single-Channel and Dual-Channel Ground Penetrating RADAR Data from Hiwassee Island
- 8-b Maureen Meyers—Results of the Southeastern Archaeological Conference Sexual Harassment Survey
- 8-c Grace Riehm—Evaluation of the Pensacola Relative Ceramic Chronology by Percentage Stratigraphy Seriation
- 8-d Derek Anderson and D. Shane Miller—The Mississippi Paleoindian and Early Archaic Point Database Redux
- 8-e Sarah Taylor and Carl Halbirt—Mitigating Hurricane Risk in Colonial St. Augustine, Florida

Thursday Morning, April 7

- 8-f Brian Bates and Mary Farrell—The In-Crowd: Implications of Notable Village Features at 44CH62 – the Randy K. Wade Site
- 8-g April Smith, Xiaofei Li and Laurie Reitsemá— Vertebral Wedging: A Potential Tool for the Determination of Parity in Archaeological Samples?
- 8-h Julie Markin and Vernon Knight—A Mode-based Approach to Seriation of Woodland Pottery in Northwest Georgia
- 8-i Kelsey Meer, J. Ryan Young, D. Shane Miller and Albert C. Goodyear—2015 Allendale Chert Quarry Survey: Methods and Preliminary Results
- 8-j Karen Stevens—Auditory Exostoses as Indicators of Mobility and Sexual Divisions of Labor in the Green River Valley, Kentucky
- 8-k Mark Donop, Neill Wallis and Ann Cordell—Production and Provenance of Weeden Island Mortuary Effigies from the Woodland Gulf Coast
- 8-l Martin Menz—Like Blood from a Stone: Teasing Out Social Difference from Lithic Debris at Kolomoki.

**[9] POSTER SESSION ■ METHODOLOGIES FOR INTEGRATING EASTERN ARCHAIC FAUNAL DATABASES USING THE DIGITAL ARCHAEOLOGICAL RECORD (tDAR)**

**Room:** Atlantic Hall B

**Time:** 8:00 AM - 10:00 AM

**Chair:** Sarah Neusius

**Participants:**

- 9-a Adam Brin and Leigh Anne Ellison—Beyond Archiving: Synthesizing Data with tDAR
- 9-b Bonnie Styles, Mona Colburn and Sarah Neusius—Exploring Taphonomic and Contextual Comparability in Eastern Archaic Faunal Datasets
- 9-c Renee Walker and Tanya Peres—The Ups and Downs of Uploading Data to the Eastern Archaic Faunal Database with the Digital Archaeological Record (tDAR)
- 9-d Scott Rivas—Developing Demographic Proxies for Archaic Faunal Database Integration

**[10] POSTER SESSION ■ HERITAGE VALUES IN CONTEMPORARY SOCIETY**

*(Sponsored by SAA Poster Submission Task Force)*

**Room:** Atlantic Hall B

**Time:** 8:00 AM - 10:00 AM

**Chair:** Claire Smith

**Participants:**

- 10-a Uzi Baram—Heritage Tourism and the Global Economy: The Values of Archaeology in the Experience Economy
- 10-b Whitney Battle-Baptiste, Elizabeth Chilton and Elena Sesma—"Back to the Soil": Community Archaeology and Heritage Tourism in Eleuthera, Bahamas
- 10-c Heidi Bauer-Clapp—Heritage Values and Violent Pasts: A Case Study to Evaluate Resources to Promote Ethical Treatment of the Dead
- 10-d Neil Brodie—Globalization and Heritage Values
- 10-e Arlene Fleming—The World Bank's Approaches To Valuing Cultural Heritage
- 10-f Jamie Hampson—Contested Images: Rock Art Heritage on and off the Rocks
- 10-g William Jansen—Chiefs' Regalia and Recognition: An Unusual Example of Heritage Values and Political Agendas in Zimbabwe
- 10-h Sandra Lopez Varela—Alternative Mexico: A Mobile Application to Preserve Contemporary Heritage Values
- 10-i Teresita Majewski, Jeffrey Altschul and Antonio Arantes—Heritage as Collaboration: The 2015 Inaugural Inter-American and Caribbean Cultural Heritage Working Group Meeting, UNICAMP, Campinas, Brazil

Thursday Morning, April 7

- 10-j Francis McManamon and Jodi Flores—Heritage in the Digital Age: Guidelines for Preserving and Sharing Heritage with Digital Techniques
- 10-k Koji Mizoguchi—Heritage in post-modern settings: the case of Japan
- 10-l George Nicholas—Pragmatism at the Intersection of Indigeneity, Cultural Property, and Intangible Heritage
- 10-m Anne Pyburn—Community Involvement in Kyrgyzstan The Value of Heritages
- 10-n Chen Shen—Application of Heritage Value in Museum Engagement
- 10-o Claire Smith—Socially Mediated Terrorism and Conflicting Heritage Values
- 10-p Qiaowei Wei, Feng Shi and Yichao Zhao—State Archaeology and Private Museum: An Integrated Approach to Represent Heritage Values for Local People

**[11] SYMPOSIUM ■ PUBLIC ENGAGEMENT AND EDUCATION: DEVELOPING HERITAGE STEWARDSHIP**

**Room:** Oceanic 3

**Time:** 8:00 AM - 10:00 AM

**Chair:** Katherine Erdman

**Participants:**

- 8:00 Charles White—Schools and Public Archaeology: Igniting a Commitment to Heritage Preservation
- 8:15 Lindsay Randall and Marla Taylor—Uncommon Engagement: Integrating Archaeology into High School Education
- 8:30 Lewis Messenger, Jr.—Engaging the “First Person” in the Past – BACAB CAAS Revisited
- 8:45 Phyllis Messenger—Archaeologists and the Pedagogy of Heritage: Preparing Scholar-Practitioners for Complex and Changing Heritage Work
- 9:00 Katherine Erdman—Continuing Heritage Education: Reaching Adult and Senior Learners
- 9:15 Jammi Ladwig—The Microscopic World and Curated Collections as Entry Points to Discuss Archaeological Stewardship with Multiple Publics
- 9:30 Jodi Reeves Flores and Leigh Anne Ellison—Heritage Stewardship in the Digital Age
- 9:45 Salam Al Kuntar—Heritage preservation efforts in northwest Syria

**[12] SYMPOSIUM ■ A NEW ARCHAEOLOGICAL FRONTIER: URBAN SETTLEMENTS AND LANDSCAPES IN KURDISTAN, NORTHERN IRAQ**

**Room:** Oceanic 1

**Time:** 8:00 AM - 10:00 AM

**Chairs:** Jason Ur and Glenn Schwartz

**Participants:**

- 8:00 Jesse Casana and Claudia Glatz—Settlement Systems and Land Use Strategies in the Upper Diyala/Sirwan River Valley, Kurdistan Region of Iraq
- 8:15 Jason Ur—Assyrian Landscape Planning in the Core of the Empire (ca. 900-600 BC)
- 8:30 Cinzia Pappi—The Cultural Landscape of the Region of Koi-Sanjay (Koya)
- 8:45 Antonietta Catanzariti—The Qara Dagħ Archaeological Landscape: The Relation Between Settlement Patterns and Environmental Contexts
- 9:00 Glenn Schwartz—Kurd Qaburstan, A “Second Generation” Urban Site on the Erbil Plain
- 9:15 Allison Cuneo and Michael Danti—The Rowanduz Archaeological Program - Results from the 2015 Field Season
- 9:30 Gil Stein—The Origins of Social Complexity in Chalcolithic Northern Mesopotamia: Excavations at Surezha

Thursday Morning, April 7

9:45 Charles Stanish—Discussant

**[13] SYMPOSIUM ■ TOWARDS A GLOBAL UNDERSTANDING OF OCHRE USE: METHODS, DEFINITIONS, AND APPLICATIONS**

*(Sponsored by The Society for Archaeological Sciences)*

**Room:** Asia 3

**Time:** 8:00 AM - 10:30 AM

**Chairs:** Andrew Zipkin, Joelle Nivens and James McGrath

**Participants:**

- 8:00 Joelle Nivens—Discussant
- 8:15 Brandi Lee MacDonald—Perspectives on Ochre Provenance in British Columbia, Canada
- 8:30 J Andrew Darling, B. Sunday Eiselt, Rachel Popelka-Filcoff and John Dudgeon—Hedt
- 8:45 Marit Munson—Life Histories of Ochre and Related Pigments in the Ancestral Pueblo Southwest
- 9:00 Hendrik Van Gijseghem, Kevin Vaughn, Jelmer Eerkens and Gry Barfod—Hematite (Ochre) Mining and Use on the South Coast of Peru ca. AD 1-400
- 9:15 Alison Brooks, John Yellen, Andrew Zipkin, Laure Dussubieux and Potts Rick—Early Worked Ochre in the Middle Pleistocene at Olorgesailie, Kenya
- 9:30 Stanley Ambrose, Andrew Zipkin, Mercy Gakii and Craig Lundstrom—Ethnography and Archaeometry of Red Ochre Use by the Maasai and Samburu in Kenya
- 9:45 Riaan Rifkin—Ethnoarchaeology and the Symbolic and Functional Exploitation of Ochre during the South African Middle Stone Age
- 10:00 Questions and Answers
- 10:15 Andrew Zipkin—Discussant

**[14] SYMPOSIUM ■ NEW DATA FOR OLD PROBLEMS: RECENT APPROACHES TO ARCHAEOLOGICAL RESEARCH AT CARIBBEAN LOWLANDS**

**Room:** Oceanic 5

**Time:** 8:00 AM - 10:30 AM

**Chair:** Diana Carvajal Contreras

**Participants:**

- 8:00 Diana Carvajal Contreras, Martha Mejia and Paola Olivera—Use of Aquatic and Stone Tools at Three Colombian Caribbean Sites near Canal del Dique
- 8:15 Carlos Lozano Varela—Análisis de Subsistencia y Selección de Recursos en Punta de Pájaro: Un Posible Yacimiento del Formativo Temprano en la Ciénaga del Guajaro Atlántico
- 8:30 Angel Adolfo Cadena Guativa—Acercamiento a las Opciones Técnicas en la Elaboración de Cerámicas Tempranas del Caribe Colombiano: Estudio Tecnológico de los Sitios Puerto Hormiga y Monsú
- 8:45 Martha Mejia Cano—El Consumo de Plantas en el Caribe Colombiano durante el Formativo Temprano (7000-3000 A.P.): Una Evaluación Paleoetnobotánica de la Subsistencia a partir de Almidones
- 9:00 Fumie Iizuka and Diana Carvajal Contreras—Subsistence, Environment, and Ceramic Technological Variability at Puerto Hormiga and Monsú, Early Pottery Sites of the Caribbean Colombia
- 9:15 Maryam Hernández Venegas—Spatial Analysis of Anthropogenic Landscapes, A Research Tool for Natural and Cultural Heritage Protection: San Jorge River Valley as a Study Case
- 9:30 Lara Sánchez-Morales and Isabel Rivera-Collazo—Sediments as Artifacts:

Thursday Morning, April 7

Geoarchaeological Analyses for the Understanding of Social Processes and Subsistence Strategies

- 9:45 Alice Hunt—Ceramic Classification and Social Process  
 10:00 Sandrine Grouard—Discussant  
 10:15 L. Curet—Discussant

**[15] SYMPOSIUM ■ MESOAMERICAN PAINTING: SOCIAL MEMORY ON VIRTUAL DISPLAY**

**Room:** Asia 2

**Time:** 8:00 AM - 10:30 AM

**Chairs:** Gabrielle Vail and Susan Milbrath

**Participants:**

- 8:00 Elodie Dupey and Jamie Forde—New Content for New Audiences: The Repainted Pages and Life History of the Codex Vaticanus B  
 8:15 Susan Milbrath—Seasonality in Central Mexican Painted Images of Tlaloc: From Classic to Postclassic  
 8:30 Elizabeth (Liz) Moran—Sacred Consumption: Food and Ritual in Aztec Art and Culture  
 8:45 Gabrielle Vail—Audience and Ritual Context Associated with Painted Capstone and Codical Texts from the Northern Maya Lowlands  
 9:00 Victoria Lyall—Considering Form and Meaning in Maya Mural Painting  
 9:15 Franco Rossi—Making and Keeping Secret Knowledge at Xultun, Guatemala  
 9:30 Bryan Just—Painted Media among the Late Classic Maya  
 9:45 Angela Rajagopalan—Representations of the Devil and the Demonic in Sixteenth-Century Mexico  
 10:00 Elizabeth Baquedano—Discussant  
 10:15 Heather Hurst—Discussant

**[16] SYMPOSIUM ■ CROSSING FRONTIERS OF DISCIPLINES AND COUNTRIES. A**

**SYMPOSIUM HONORING EILEEN JOHNSON**

**Room:** Southern Hemisphere Salon 1

**Time:** 8:00 AM - 10:45 AM

**Chairs:** Maria Gutierrez and Joaquin Arroyo-Cabrales

**Participants:**

- 8:00 Paul Backhouse—A Landmark Career: The Professional Legacy of the Lubbock Lake Landmark Program  
 8:15 Patrick Lewis—Crossing Boundaries: Lubbock Lake Landmark as a Laboratory for the Study of Vertebrate Evolution  
 8:30 John Hoffecker and Vance Holliday—Early Upper Paleolithic Horse Hunting on the East European Plain  
 8:45 Douglas Bamforth—Discovery Bias, Excavation Bias, Clovis Diet, and Archaeological Mythmaking  
 9:00 Leland Bement and Kirsten Carlson—Characterizing Cut Marks: A Comparison of Cooper and Badger Hole Butchery Patterns  
 9:15 Stance Hurst—Hunter-Gatherer Occupations at San Jon Site, Eastern New Mexico  
 9:30 Marcus Hamilton and Briggs Buchanan—The Archaeology of Clovis Landscape Use at the Mockingbird Gap site, New Mexico and Surrounding Regions  
 9:45 John Moretti—Preliminary Analysis of Extinct Box Turtle Remains from the Late Pleistocene of the Southern High Plains  
 10:00 Joaquin Arroyo-Cabrales, Ismael Ferrusquía-Villafranca and Víctor Adrián Pérez-Crespo—New Approaches on the Mexican Quaternary Mammals Studies  
 10:15 Maria Gutierrez, Gustavo Politis and Gustavo Martinez—Integrating Bones,

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- 10:30 Soils and Dates: Late Pleistocene-Holocene Settings and Human Occupations in the Pampas of Argentina  
Vance Holliday—Discussant

**[17] SYMPOSIUM ■ CHACO AND HOPEWELL: RETHINKING "INTERACTION SPHERES" THROUGH MULTISCALAR NETWORK ANALYSES**

**Room:** Southern Hemisphere Salon 3

**Time:** 8:00 AM - 10:45 AM

**Chairs:** Barbara Mills and Alice Wright

**Participants:**

- 8:00 Barbara Mills and Alice Wright—Chaco and Hopewell: Redefining Interaction Spheres through Multiscalar Network Approaches
- 8:15 Evan Giomi and Matt Peeples—Pueblo Bonito as a Material and Spatial Network
- 8:30 Thomas Pluckhahn and Neill Wallis—Reading between the Lines: A Contextual and Processual Approach to Social Interactions in the Woodland Period of the American Southeast through Integrated Analyses of Complicated Stamped Pottery
- 8:45 Katherine Dungan and Leslie Aragon—Two Houses, Both Alike in Dignity: Visibility, Material Culture, and Contrasting Histories at Two Chaco Halo Communities
- 9:00 William Romain—The Milky Way Path of Souls and Adena-Hopewell Earthworks
- 9:15 Edward Henry—Interaction Spheres or Networks of Participation? Organizing Institutional Complexity in Adena-Hopewell societies of Kentucky's Bluegrass Region
- 9:30 Devin White and Scott Ortman—Travel Corridors and Economic Integration in the Chacoan Regional System
- 9:45 Alice Wright and Cameron Gokee—Gateways and Gatherings: Economic, Ideological, and Social Networks of Southeastern Hopewell
- 10:00 Matt Peeples, Barbara Mills, Jeffery Clark, Benjamin Bellorado and Thomas Windes—Social Networks and the Scale of the Chaco World
- 10:15 John Kantner—Discussant
- 10:30 Kenneth Sassaman—Discussant

**[18] SYMPOSIUM ■ MEDIATING SPIRIT WORLDS IN NATIVE NORTH AMERICA**

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

**Room:** Asia 1

**Time:** 8:00 AM - 11:00 AM

**Chairs:** Craig Cipolla and Diana Loren

**Participants:**

- 8:00 Questions and Answers
- 8:15 William Walker and Chadwick K. Burt—Pottery Agents: A Case Study of Nonhuman Beings from the American Southwest
- 8:30 Alexandra Martin—The History and Future of Ceremonial Stone Landscapes of Southern New England
- 8:45 Craig Cipolla—"Nothing but Wood and Stones": A Long-View Perspective on Human-Stone Relations in the Native Northeast
- 9:00 Katherine Hayes—The Spiritual Economy of Shell in Native North America: Still Circulating
- 9:15 Timothy Pauketat and Susan Alt—Visions of Substance in Eleventh Century Mid-America
- 9:30 Neill Wallis—Materialities of Religious Transformation from Coast to Coast in

Thursday Morning, April 7

- Pre-Columbian Florida
- 9:45 John Creese—Late Archaic Body Worlds: Some Preliminary Thoughts
- 10:00 Diana Loren—Sound, health, and spirituality in the colonial Lower Mississippi Valley
- 10:15 Charles Cobb and Gifford Waters—The Catechism of Time Discipline in the Franciscan Missions of La Florida
- 10:30 Adam Stack and Matt Liebmann—Religious Conversion and Social Networks in Seventeenth-Century New Mexico: A Case Study from Pecos Pueblo
- 10:45 Severin Fowles—Discussant

**[19] SYMPOSIUM ■ ARCHAEOETHNOBOTANY AND HOUSEHOLD CONTEXTS****Room:** Oceanic 7**Time:** 8:00 AM - 11:00 AM**Chairs:** Lauren Santini and Sadie Weber**Participants:**

- 8:00 Jena Gray—The People Behind the Practice: An Ethnological Encounter with a Maya Forest Gardener
- 8:15 Lauren Santini—Insights on Arboreal Exploitation in Late Classic San Bartolo, Guatemala from Midden Charcoal Analysis
- 8:30 Sadie Weber and Lauren Santini—Bread (nut) Pit? Determining the Function of San Bartolo chultúns
- 8:45 Aaron Mayer and Matthew Sayre—A Glimpse of Domestic Space at Tenahaha from the Cotahuasi Valley, Peru
- 9:00 Molly Carney—Paleoethnobotany on the Columbia Plateau: A Case Study from the Pend Oreille River Valley
- 9:15 Mario Zimmermann, Jade D'Alpoim Guedes and Mark Altenderfer—Identification of bast fibers from Samdzong, Nepal
- 9:30 Sydney Hanson, Jade d'Alpoim Guedes, Steve Weber and Thanik Lertcharnrit—An Archaeobotanical Analysis of Four Prehistoric Central Thai Sites: the Preliminary Results
- 9:45 Madelynn Von Baeyer—How Do Households Work? Examining Plant Use during the Late Chalcolithic at Çadır Höyük, Turkey
- 10:00 Susan Allen and China Shelton—Disturbing Households: Assessing Contextual Integrity with Botanical Remains
- 10:15 Jade D'Alpoim Guedes—Discussant
- 10:30 John Marston—Discussant
- 10:45 Questions and Answers

**[20] GENERAL SESSION ■ REGIONAL ARCHAEOLOGY IN MESOAMERICA****Room:** Australia 3**Time:** 8:00 AM - 11:00 AM**Chair:** Kristi Peterson**Participants:**

- 8:00 Edgar Carpio—Ritual to the Hills and Water in Mejicanos, Amatitlán, Guatemala: The Rock Art Evidence
- 8:15 Pascale Meehan—Preliminary Results of the Zacatepec Archaeological Project
- 8:30 Jones LeFae—Temporal and Spatial Variability of Mortuary Assemblages at Los Guachimontones, Jalisco, Mexico
- 8:45 Kristi Peterson—Presentation and Representation: Ixiptla and the Material Agency of the Sculptural Image
- 9:00 Mikael Fauvelle—Archaeological Reconnaissance at Fracción Mújular: A Small Site with Big Connections



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- 9:15 Karine Lefebvre—Aportación de las fuentes históricas para un avance de la arqueología colonial en México
- 9:30 Rebecca Mendelsohn—Cultural Processes without Chronology: The Formative to Classic Period Transition (150 BC- AD 200) at the Early Urban Center of Izapa, Chiapas, Mexico
- 9:45 Isabel Casar, Jose Ramon Gallego, Jose Concepcion Jimenez, Edith Cienfuegos and Pedro Morales—Diet and mobility patterns of hunter-gatherers and full-time farmers from the Tehuacan caves of Tehuacan, Puebla
- 10:00 Karime Castillo-Cardenas—Ethnoarchaeology of Glassblowing in Tlaquepaque and Tonalá, Jalisco, Mexico
- 10:15 Andrew Vaughan, Dominique Meyer, Jeffrey Glover, Dominique Rissolo and Sebastian Afshari—Conil Revisited: Aerial Survey and Verification along Quintana Roo's North Coast
- 10:30 Mallory Matsumoto and Misha Miller-Sisson—Visualizing Death: Representations of Death and Rebirth on an Early Classic Maya Mid-Level Elite Burial Vessel from Uxul, Mexico
- 10:45 Stephanie Miller—Coba: New Findings and Future Directions of Research

**[21] SYMPOSIUM ■ AFTER ANZICK: RECONCILING NEW GENOMIC DATA AND MODELS WITH THE ARCHAEOLOGICAL EVIDENCE FOR PEOPLING OF THE AMERICAS**

**Room:** Australia 2

**Time:** 8:00 AM - 11:15 AM

**Chair:** Juliet Morrow

**Participants:**

- 8:00 Stuart Fiedel—The Anzick Genome Proves Clovis Is First, After All
- 8:15 David Yesner—Human and Animal Dispersal in Beringia: Reconciling the Genetic and Archaeological Records
- 8:30 Ben Potter, Joshua Reuther, Vance Holliday and Charles Holmes—Colonization of Northern North America: a view from Eastern Beringia
- 8:45 Marcel Kornfeld and Bob Dawe—Nunataks and Valley Glaciers: Over the Mountains and Through the Ice
- 9:00 Christopher Gillam, Andrei Tabarev and Masami Izuho—Continental Roots and Coastal Routes? Merging Archaeological, Bio-Geographic and Genomic Evidence of the Peopling of the Americas
- 9:15 Michael Faught—Beringia is not the sole source of people in the New World
- 9:30 Michelle De Saint Pierre—The old age of mitochondrial lineage D1g from the southern cone of South America supports the early entry of the first migrants
- 9:45 Darrin Lowery—Are we looking to discover the first Americans or the first successful Americans?
- 10:00 Michael Waters—The First Americans South of the Continental Ice Sheets—Correlating the Late Pleistocene Archaeological and Genetic Records
- 10:15 James Chatters—Making Sense of Kennewick Man
- 10:30 Juliet Morrow and Stuart Fiedel—Clovis Origins: A Global Perspective
- 10:45 Juliet Morrow—Discussant
- 11:00 Questions and Answers

**[22] SYMPOSIUM ■ PARTING THE RED SEA: LATE PLEISTOCENE LITHIC VARIABILITY AND HUMAN DISPERSALS IN THE HORN OF AFRICA AND ARABIA**

*(Sponsored by Society of Africanist Archaeologists)*

**Room:** Northern Hemisphere Salon A3

**Time:** 8:00 AM - 11:30 AM

**Chairs:** Steven Brandt, Huw Groucutt and Yonatan Sahle

Thursday Morning, April 7**Participants:**

- 8:00 Steven Brandt, Huw Groucutt and Yonatan Sahle—Parting the Late Pleistocene Red Sea: An Introduction to the Session and Region
- 8:15 Enza Spinapolice—East African MSA: Regionalisation and Variability
- 8:30 John Kappelman, Lawrence Todd, Neil Tabor, Mulugeta Feseha and Marvin Kay—The Tip of the Horn: Extractive Foraging Strategies and Stone Tool Technologies in Northwestern Ethiopia during the Middle Stone Age
- 8:45 John Yellen and Alison Brooks—Crossing Deserts and Seas in the Late Pleistocene: Implications of the Aduma MSA Assemblages, Middle Awash, Ethiopia
- 9:00 Michael Rogers and Sileshi Semaw—The YAS-1 Middle Stone Age site at Gona, Afar, Ethiopia
- 9:15 Alice LEPLONGEON, Erella Hovers and David Pleurdeau—Variability in the Middle Stone Age of the Horn of Africa: A Technical Tradition of Southeastern Ethiopia
- 9:30 Clément Ménard, François Bon and Lamya Khalidi—Lithic Traditions in the Horn of Africa from MIS 3 Onwards: Views from the Main Ethiopian Rift
- 9:45 Huw Groucutt—Arabian Late Pleistocene Lithic Variability and its Implications for Hominin Behavior and Demography
- 10:00 Eleanor Scerri and Richard Jennings—Developing Population Size Estimates for the Saharo-Arabian Late Pleistocene and Expectations of Their Demographic Effects
- 10:15 Amanuel Beyin—The Relevance of the Abdur and Asfet Middle Stone Age Sites from the Red Sea Coast of Eritrea
- 10:30 Yonatan Sahle and Yonas Beyene—Late Pleistocene Behaviors: Perspectives from the Middle Awash, Ethiopia
- 10:45 Knut Bretzke—What Does the Paleolithic Record of Southeast Arabia Tell Us about Hominin Dispersals out of Africa?
- 11:00 Michael Petraglia—Discussant
- 11:15 Christian Tryon—Discussant

**[23] SYMPOSIUM ■ CERAMICS, IDENTITY AND REGIONAL INTERACTION IN THE LOWER AMAZON****Room:** Northern Hemisphere Salon E2**Time:** 8:00 AM - 11:30 AM**Chairs:** Helena Pinto Lima and Cristiana Barreto**Participants:**

- 8:00 Martijn Van Den Bel—Discussant
- 8:15 Helena Pinto Lima and Glenda Bittencourt Fernandes—Koriabo Ceramics of the Lower Xingu Area: A North-South Stylistic Flow?
- 8:30 Cristiana Barreto—Fractal and Extended Identities: The Dynamics of Ceramic Styles from Monte Alegre, Lower Amazon
- 8:45 Bruna Rocha—Interactions Across the Frontier? Exploring Interpretations of Ceramic Production and Design on the Upper Tapajós.
- 9:00 Lorena Garcia and Fernando Almeida—Ceramics and the Indigenous Histories of Southeastern Amazonia
- 9:15 Joshua Toney—Traces of Carib Ancestors: The Incised and Punctate Horizon Style in Eastern Amazonia
- 9:30 Bruno Moraes—The Middens, the Terraces and What Lies in Between: A Test for the Middenscape Model of Terra Preta Formation at the Mouth of the Xingu River
- 9:45 Anna Browne Ribeiro and Helena Pinto Lima—An Amazonian Crossroads: Results from Pilot Fieldwork on the Xingu-Amazon Confluence, Brazil

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- 10:00 Renzo Duin—The Pot Calling the Kettle Black: Archaeological Assemblages and Ethnographic Communities in Guiana and the Lower Amazon
- 10:15 Sérgio Meira—Cariban Historical Linguistics: The State of the Art
- 10:30 Joshua Birchall—Long-term Social Interaction is Reflected in Parallel Linguistic Structures among the Languages of the Lower Amazon
- 10:45 Stéphen Rostain—Discussant
- 11:00 Michael Heckenberger—Discussant
- 11:15 Questions and Answers

**[24] SYMPOSIUM ■ THE BIOARCHAEOLOGY OF FRONTIER AND BORDERLANDS****Room:** Asia 4**Time:** 8:00 AM - 11:45 AM**Chair:** Cristina Tica**Participants:**

- 8:00 Cristina Tica—Across the River: Romanized Barbarians and Barbarized Romans on the edge of the Empire. Bioarchaeology of Romania in Late Antiquity (300-600 CE)
- 8:15 Anna Osterholtz, Virginia Lucas, Andre Gonciar and Angelica Balos—Mortuary Practices in the First Iron Age Romanian Frontier: The Commingled Assemblages of the Magura Uroiului
- 8:30 Jonathan Bethard, Anna J. Osterholtz, Zsolt Zyaradi and Andre Gonciar—Marginalized Motherhood: Infant Burial in 17th Century Transylvania
- 8:45 Selin Nugent—Funerary Practice and Local Interaction on the Imperial frontier, 1st century AD: A Case Study in the Serur Valley, Azerbaijan
- 9:00 Mark Toussaint and Piotr Włodarczak—Temporal and Spatial Liminality in Early Bronze Age Central Europe: A Bioarchaeological Analysis of a Mierzanowice Culture Cemetery
- 9:15 Evan Muzzall and Alfredo Coppa—The Borders of Space and Time: Biological Continuity at Campovalano
- 9:30 Kimmarie Murphy and Guðný Zöega —Life on the Northern Frontier, Bioarchaeological Reconstructions of 11th century Households in the Skagafjörður Region, North Iceland
- 9:45 Questions and Answers
- 10:00 Katie M Whitmore and Michele R Buzon—Living on the Border: Health and Identity during the Colonial Egyptian New Kingdom Period in Nubia
- 10:15 Amanda Groff and Tosha Dupras—Leprosy, Segregation, & Burial Context: Remote Desert Living in the Dakhleh Oasis, Egypt
- 10:30 Pamela Geller—"THE CREATION OF SILENCES": Medical Officers & the Morton Collection
- 10:45 Ryan Harrod and Aaron Woods—A Line in the Sand: Bioarchaeological Interpretations of Life Along the Borders of the Great Basin and Southwest
- 11:00 John Crandall—An Exercise in Raw Power: A Bioarchaeological Perspective on American Violence & Westward Expansion
- 11:15 Heather Walsh-Haney and Victoria Sanford—Femicide and the Struggle to Fight Impunity in Guatemala
- 11:30 Debra Martin—Discussant

**[25] SYMPOSIUM ■ ON THE MOVE: ARCHAEOLOGICAL APPROACHES TO CHILDREN AND CHILDHOOD***(Sponsored by Society for the Study of Childhood in the Past)***Room:** Southern Hemisphere Salon 4**Time:** 8:00 AM - 12:00 PM

Thursday Morning, April 7

**Chairs:** Dawn Hadley and Traci Ardren

**Participants:**

- 8:00 Tracy Prowse—Patterns of Mobility during the Iron Age and Roman Periods in Apulia, Italy.
- 8:15 Holly Hunt-Watts—Children of the Revolution: The Rise of Rickets in Urban Societies in 19th-century England
- 8:30 Jonny Geber—"Children in a Ragged State": Seeking a Bioarchaeological Narrative of Childhood in Ireland during the Great Famine (1845–52)
- 8:45 Sian Halcrow, Nancy Tayles and Gail Elliott—The Bioarchaeology of Fetuses
- 9:00 Deborah Blom, Kelly Knudson, John Janusek, Sara Becker and Corey Bowen—Formation and Transformation of Identities in the Andes: The Constructions of Childhood among the Tiwanaku
- 9:15 Penny Bickle and Linda Fibiger—Ageing, Childhood and Social Identity in the Early Neolithic of Central Europe
- 9:30 Duncan Sayer—The Emotive Agency of Infants and Children in Early Anglo-Saxon Inhumation Cemeteries
- 9:45 Kirsty Squires—Changing with the Times: An Exploration of Shifting Attitudes and Funerary Treatment of Children from the Roman to Early Medieval Period in Britain
- 10:00 Dawn Hadley—Growing up on the move: childhood experience in the Viking Age
- 10:15 Gail Hitchens—Transformations in the Palaeolithic: Searching for the Social and Cultural Role of Neanderthal Children
- 10:30 Sally Crawford—What if Children Lived Here? Asking New Questions of the Material Culture from Old Anglo-Saxon Settlement Excavations
- 10:45 Kelly Green—Children and the Ceramic Industry in Medieval England
- 11:00 Katherine Fennelly—Dublin's Bedford Asylum and the Material Legacy of the 'Industrious Child'
- 11:15 Erin Halstad McGuire—Making Medieval Toys: Using Experimental Archaeology to Engage Students in Academic Enquiry
- 11:30 Jane Baxter—Discussant
- 11:45 Questions and Answers

**[26] SYMPOSIUM ■ NUTS AND BOLTS OF THE REAL "BUSINESS" OF ANCIENT MAYA EXCHANGE (PART 1)**

**Room:** Northern Hemisphere Salon D & DE Corridor

**Time:** 8:00 AM - 12:00 PM

**Chairs:** Arthur Demarest and David Freidel

**Participants:**

- 8:00 Matthew Moriarty, Antonia Foias and Ellen Moriarty—Articulating Economies in the Land of the Ik' Lords: Evidence for Marketplaces and Multiple Modes of Exchange in the Late Classic Motul de San José Polity
- 8:15 Elizabeth Graham—Exchange and the Economy Over Time
- 8:30 Anthony Andrews and Fernando Robles—An Intracoastal Waterway and Trading Port System in Prehispanic Northwest Yucatán, Mexico
- 8:45 Eleanor King—Modeling Maya Markets
- 9:00 Timothy Beach, Sheryl Beach and Nicholas Dunning—Equifinalities and the Limits of Soil, Ecology, and Climate Knowledge in Maya History
- 9:15 Marilyn Masson, Carlos Peraza Lope, Timothy Hare and Bradley Russell—Rural Economies at Agrarian Households Before and After the Rise of Urban Mayapán
- 9:30 Diane Chase and Arlen Chase—The Economic Landscape of Caracol, Belize
- 9:45 Patricia McNany and Maia Dedrick—Rights to Land and Labor in Yucatán during Pre-Conquest and Colonial Times
- 10:00 Scott Hutson—Understanding Variability in Distribution and Consumption in

Thursday Morning, April 7

- Low-Wealth Households from the Classic Period
- 10:15 Bernadette Cap—The Workings of Classic Maya Marketplace Exchange from the Perspective of the Buenavista del Cayo Marketplace
- 10:30 Rachel Horowitz and Marcello Canuto—When is Chert More Than Just Chert? Case studies of Elite Distribution of Utilitarian Goods in Northwestern Peten, Guatemala and Western Belize
- 10:45 Prudence Rice—Central Peten Jato Black-on-Gray: A Look at Gray wares and Black Wares, Monkeys and Mortuaries
- 11:00 Keith Eppich—Commerce, Autarky, Barter, and Redistribution; The Multi-tiered Urban Economy of El Perú-Waka', Guatemala
- 11:15 Tomas Gallareta Negron, Tomas Gallareta, William Ringle and Bey George—Economic strategies in the Puuc Hills of Yucatan
- 11:30 Chloé Andrieu—Flake Deposits and the Missing Workshops of the Maya Lowlands: the Complexity of Classic Maya Lithic Economy
- 11:45 Arthur Demarest, Paola Torres, Chloe Andrieu and Myriam Saravia—"Commodification", Exchange, and Changes in Maya Political Economy on the Eve of the Classic Maya Collapse

**[27] GENERAL SESSION ■ COMMUNITIES NEIGHBORHOODS AND ARCHITECTURE IN MESOAMERICA**

**Room:** Asia 5

**Time:** 8:00 AM - 12:00 PM

**Chair:** George Micheletti

**Participants:**

- 8:00 Debora Trein—Geoarchaeology at La Milpa, Belize: An Ancient Maya Community and Its Temple
- 8:15 Chelsea Fisher—Landscape and Formative Households at Tzacuil and Yaxuná, Yucatán
- 8:30 Laura Levi and Sarah Boudreaux—Good Neighbors: Investigating Maya Neighborhood Organization in Northern Belize
- 8:45 Bradley Russell and Kendra Farstad—Ethnoarchaeology of a Three Generation Yucatec Maya House Compound
- 9:00 Damien Marken—Low-Density Urbanism in the Classic Maya Lowlands: A View from El Perú-Waka', Guatemala
- 9:15 Marijke Stoll—Playing for Power: Ballcourts, Political Negotiation and Community Organization in Postclassic Nejapa, Oaxaca, Mexico
- 9:30 Robyn Dodge—Hun Tun Household Context and Social Complexity
- 9:45 Kaylee Spencer and Maline Werness-Rude—Spatial Arrangements at Chichen Itza
- 10:00 Alyce De Carteret—There's No Place Like Otot: The Domestic Architecture of the Maya in Their Own Words
- 10:15 Brigitte Kovacevich, Michael Callaghan, Karla Cardona, Whitney Goodwin and Katelyn Bishop—New Investigations at Holtun: A Preclassic Maya Ritual Center
- 10:30 Joshua Wright, Sarah E. Jackson, Christopher F. Motz and Linda A. Brown—Categories, Space, and New Perspectives in A Late Classic Maya Community
- 10:45 Ryan Mongelluzzo—Variation in the Architectural Morphology of Ancient Maya Palaces
- 11:00 George Micheletti—The Fluidity of Ideology: A Late Classic Architectural Transformation in Plaza A at the Ancient Maya Site of Pacbitun, Belize
- 11:15 Anthony DeLuca—An Architectural Energetics Analysis of Ceremonial Architecture from the Shaft Tomb Culture of the Highland Lakes Region of Jalisco, Mexico
- 11:30 Zoe Rawski and M. Kathryn Brown—Preclassic Monumental Architecture at

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- 11:45 Xunantunich, Belize: Implications for Ritual Performance  
 Ricardo Antorcha Pedemonte, Lane F. Fargher, Richard E. Blanton, Verence Y. Heredia Espinoza and John K. Millhauser—The Built Environment on Late Postclassic Terraces in Tlaxcallan

**[28] SYMPOSIUM ■ 2016 FRYXELL AWARD SYMPOSIUM: PAPERS IN HONOR OF ELIZABETH J. REITZ**

*(Sponsored by Fryxell Award)*

**Room:** Northern Hemisphere Salon C

**Time:** 9:00 AM - 11:30 AM

**Chairs:** Carol Colaninno, Carla Hadden and Barnet Pavao-Zuckerman

**Participants:**

- 9:00 Barnet Pavao-Zuckerman—"Just Move On": Lessons from the Career of Dr. Betsy Reitz  
 9:15 Matthew Compton and Carol E. Colaninno—No Need for White-out: Building on Betsy's Work on Multiethnic Community Foodways in Spanish Florida  
 9:30 Susan deFrance—The Historical Zooarchaeology of New Orleans in Comparative Perspective  
 9:45 Carla Hadden and Sarah Bergh—Building on the Vertebrate Data: Invertebrate Analysis Offers New Insights on Southeast Coastal Subsistence-Settlement Systems  
 10:00 Daniel Sandweiss and Fred Andrus—The Reitz Stuff: A Faunal Perspective on El Niño from Coastal Peru  
 10:15 Irvy Quitmyer, Nicole Cannarozzi, Margo Schwadron and Douglas Jones—Zooarchaeology of Three PreHispanic Sites in the Southern Georgia Bight: Evidence for Cultural and Ecological Continuity, Flexibility and Resilience  
 10:30 Gregory Waselkov—On the Zooarchaeology of Bears in Southeastern North America  
 10:45 C. Margaret Scarry and Kathleen Deagan—Shaping the South: Environmental Archaeology's Impact on Colonial Archaeology of the American South and the Caribbean  
 11:00 David Thomas—Discussant  
 11:15 Elizabeth Reitz—Discussant

**[29] SYMPOSIUM ■ COMMUNITY MATTERS: ACTIVE INVOLVEMENT WITH TRIBAL COMMUNITIES, THE MANY ROLES OF TRIBAL HERITAGE MANAGEMENT**  
*(Sponsored by Indigenous Populations Interest Group and Committee on Native American Relations)*

**Room:** Northern Hemisphere Salon A4

**Time:** 9:00 AM - 11:45 AM

**Chairs:** Maureen Mahoney and Jessica Freeman

**Participants:**

- 9:00 Maureen Mahoney and Jessica Freeman—Tribal Community Engagement and Archaeology: The Story of the Seminole Tribe of Florida's Tribal Historic Preservation Office  
 9:15 Dennis Lewarch and Stephanie Trudel—The Suquamish Tribe Approach to Incorporate Tribal Historic Preservation into School Curricula  
 9:30 Jessica Freeman and Matthew Fenno—Seminole Cowboys: From Cowkeeper to Today  
 9:45 Patricia Garcia-Plotkin—Stewards of the Land: Agua Caliente Tribal Historic Preservation  
 10:00 Kelsey Noack Myers—Preserving Our Past and Providing For Our Future:

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- Heritage Management at Rocky Boy's Indian Reservation, Montana
- 10:15 Tiffany Cochran—Beyond the Dirt: Protecting the Council Oak
- 10:30 Briece Edwards—New Directions of THPOs: The Perspective from One Tribe.
- 10:45 Christopher Casserino and Jennifer Pietarila—Preserving Tribal Resources on the Reservation
- 11:00 James Harrison—Preserving Cultural Landscapes beyond the Reservation Boundary
- 11:15 Kassandra Rippee—Kilkich Youth Corp: Tribal Youth Taking an Active Role in Historic Preservation
- 11:30 Crystal Geiger and Jack Chalfant—Flipping the Desk: Increasing Tribal Participation in Archaeological Investigations

**[30] SYMPOSIUM ■ NAGPRA APPLIED: STORIES FROM THE FIELD ON ITS 25TH ANNIVERSARY**

*(Sponsored by The Committee on Repatriation)*

**Room:** Northern Hemisphere Salon E4

**Time:** 9:00 AM - 11:45 AM

**Chairs:** Nell Murphy and Lauren Sieg

**Participants:**

- 9:00 Vincas Steponaitis, Lynne Goldstein, Keith Kintigh and William Lovis—A Brief and True History of SAA's Involvement with NAGPRA
- 9:15 Jacqueline Cook—Repatriation of the Ancient One - A Tribal View: Then, Now, and In-Between
- 9:30 Thomas Maher—Complying with NAGPRA at the Largest Public Utility: It's Complicated
- 9:45 Jordan Jacobs—Patriation: NAGPRA's Regulations on Culturally Unidentifiable Human Remains, applied
- 10:00 Susan Benton—Complex Journeys: The Repatriation Experience and Tribal-Museum Relations
- 10:15 Martha Graham—Seeking Balance: The Role of the Review Committee in NAGPRA Implementation
- 10:30 Patricia Capone—Museum archaeology in the United States: Refocusing Research Questions and Updating Methodologies alongside NAGPRA
- 10:45 Adam Watson, Jim Enote and Nell Murphy—Consultation and Beyond: NAGPRA as a Gateway to Collaboration
- 11:00 Elise Alonzi—Results of the 2015 Repatriation Survey
- 11:15 Jayne-Leigh Thomas, April Sievert, Teresa Nichols and Anne Pyburn—Learning NAGPRA and Teaching Archaeology
- 11:30 Lauren Sieg—Gazing at the Horizon: The NAGPRA Stories Yet to be Told

**[31] SYMPOSIUM ■ SOCIAL COMPLEXITY IN THE CENTRAL ANDEAN REGION: CURRENT RESEARCH ON THE INITIAL PERIOD AND EARLY HORIZON - PART 1**

**Room:** Southern Hemisphere Salon 2

**Time:** 9:00 AM - 12:00 PM

**Chairs:** Gabriel Prieto and Jason Nesbitt

**Participants:**

- 9:00 Thomas Pozorski and Shelia Pozorski—The Importance of the Initial Period in the Development of Early Peruvian Civilization
- 9:15 Christopher Milan—One Thousand Years of Regional Integration: Malpas and the Role of U-Shaped Temples in Long-Distance Exchange
- 9:30 Peiyu Chen—Household Practice and Early Forms of Social Inequality in Huaca Negra, Viru Valley

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- 9:45 Thomas Zoubek—Initial Period Irrigation-based Societies in the Viru Valley, Peru
- 10:00 Isabelle Druc and Gabriel O. Prieto—Social Interactions at Gramalote: A Ceramic Production Perspective
- 10:15 Jason Nesbitt—Variations in Initial Period Ceremonial Architecture at the Caballo Muerto Complex
- 10:30 Gabriel Prieto, Jeffrey Quilter and Tom Dillehay—Early “Guañape” Ceramics from the North Coast of Peru: New Data from Gramalote (Moche Valley) and Huaca Prieta (Chicama Valley)
- 10:45 Yumi Huntington—Lost in Translation in the Formative Period: The Iconography of a Bear from the Formative Period Ceramics
- 11:00 Kimberly Munro—Localized Formative Traditions in the Upper Nepeña River Valley, Ancash, Peru: The 2015 Excavations at the Cosma Archaeological Complex
- 11:15 Shelia Pozorski, Thomas Pozorski, Bobbie Lovett and Rosa Marin—The Initial Period from the Perspective of the Casma Valley on the Northern Peruvian Coast
- 11:30 Yuichi Matsumoto, Jason Nesbitt, Yuri Cavero and Edison Mendoza—Ceremonial Center and Domestic Rituals: The Case of Campanayuq Rumi, South-Central Highlands of Peru
- 11:45 Richard Burger—Revisiting the Chronology of Chavin de Huanter

**[32] SYMPOSIUM ■ AFTER THE VOLCANO ERUPTED: PAPERS IN HONOR OF DR. PAYSON SHEETS (PART 1)**

**Room:** Southern Hemisphere Salon 5

**Time:** 9:30 AM - 11:45 AM

**Chair:** Errin Weller

**Participants:**

- 9:30 Christine Dixon—Rising from the Ashes: Power and Autonomy at Ceren, El Salvador
- 9:45 Rachel Egan—The Volcano That Went Boom: Payson Sheets' Contributions to Understanding the Tierra Joven Blanca Eruption of the Ilopango Caldera, El Salvador
- 10:00 Linda Brown—Communicating Objects and Cultural Preservation Among Contemporary Tz'utujil Ritual Practitioners
- 10:15 Venicia Slotten and David Lentz—Weeds, Seeds, and Other Maya Needs
- 10:30 Brian McKee—The Forgotten Area: The Archaeology of Morazán, El Salvador
- 10:45 Harriet 'Rae' Beaubien—In the Beginning was the Codex
- 11:00 Scott Simmons—Bells, Blades and Bodegas: The Pervasive Influences of Payson Sheets
- 11:15 William Fowler and Raquel López Rodríguez—A Thousand Years after the Volcano Erupted: TBJ Deposits and Use at Ciudad Vieja, El Salvador
- 11:30 Nan Gonlin—Discussant

**[33] FORUM ■ "DESTRUCTION" AND THE RHETORIC OF ARCHITECTURAL EXCAVATION**

**Room:** Oceanic 2

**Time:** 10:00 AM - 12:00 PM

**Moderators:** Rachel Opitz, Nic Terrenato and Gregory Tucker

**Participants:**

- Tad Britt—Discussant
- Stanley Bond—Discussant
- Willeke Wendrich—Discussant



Andrew Dufton—Discussant  
 Adam Rabinowitz—Discussant  
 Donna Yates—Discussant  
 Katherine Jarriel—Discussant  
 Shawn Fehrenbach—Discussant  
 Michael Ashley—Discussant  
 Alex Marko—Discussant  
 Theodore Roberts—Discussant

**[34] SYMPOSIUM ■ HOPEWELL CEREMONIAL LANDSCAPES SEEN THROUGH THE LENS OF LARGE-SCALE GEOPHYSICAL SURVEYS: BIG DATA, BIG OPPORTUNITIES, BIG CHALLENGES**

**Room:** Northern Hemisphere Salon E3

**Time:** 10:00 AM - 12:00 PM

**Chairs:** Bret Ruby, Friedrich Lueth and Jarrod Burks

**Participants:**

- 10:00 Friedrich Lueth—Hopewell Culture and the Landscape - An Introduction to the Session
- 10:15 Rainer Komp—Large Fields - Big Data. Browsing the Meadows of Seip Earthworks, Ohio, Using Multiple Gradiometer Arrays
- 10:30 Sebastian Messal—Filling the Gap: Continued Large Scale Geomagnetism at Hopewell Mound Group, Ross County, Ohio.
- 10:45 Jarrod Burks—Variability in Large-Area Magnetic Surveys at Hopewell Earthworks and the Challenges of Big Data
- 11:00 Steven De Vore—Magnetic Survey of the Mound City Group at Hopewell Culture National Historical Park in Ross County, Ohio
- 11:15 Bret Ruby—Ground Truthing The Great Circle and other Big Data Anomalies at the Hopewell Mound Group
- 11:30 Timothy Darvill—Beyond Hopewell: Ceremonial Centers and Their Cosmologies
- 11:45 Questions and Answers

**[35] SYMPOSIUM ■ STRATEGIC APPROACHES TO DIGITAL PUBLIC ARCHAEOLOGY**  
*(Sponsored by Public Archaeology Interest Group)*

**Room:** Northern Hemisphere Salon E1

**Time:** 10:15 AM - 12:00 PM

**Chair:** Lisa Catto

**Participants:**

- 10:15 Lisa Catto, Virginia L. Butler and Kathi A. Ketcheson—Are Websites Doing What We Want Them To Do? Evaluating the Effectiveness of Websites For Public Archaeology
- 10:30 Uzi Baram—Video Games, Virtual Reconstructions, and other Digital Avenues to Engage Children of All Ages in a Cosmopolitan Past
- 10:45 Bernard Means—Visualizing a Wired World's Past: Digital and Tactile Public Archaeology in the Virtual Curation Laboratory
- 11:00 Joanna Hambly—Wemyss Caves 4D: A Review Of A Community 3D Digital Documentation Project at a Challenging Heritage Site in Scotland
- 11:15 Chris Webster and Tristan Boyle—Podcasting as a Way To Promote Archaeology and Engage the Public, or, Archaeology - Straight from the Trenches to Your Ears!
- 11:30 Jared Katz—Printing Ancient Music: The Maya Music Project's Use of 3D Printing and Modeling for Public Outreach
- 11:45 Nikki Manning—When the Small, Local Archaeology Project Goes Global – The

## Missoula Historic Underground Project

**[36] POSTER SESSION ■ MID-ATLANTIC****Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 36-a Cheryl Frankum—"How Non-Destructive is XRF: Testing Sample Preparation Techniques for Redware"
- 36-b Jay Taylor—Tools of the Trade: An Analysis of Tools at Historic Hanna's Town
- 36-c Madeleine Gunter and Christopher Stevenson— Copper Exchange in Precontact Virginia: An LA-ICP-MS Study
- 36-d Mary Lennon, Thomas Kutys and Amy King—Another Pint! Beer & Soda Bottles in Victorian Philadelphia: A Spatial Analysis
- 36-e Crystal Ptacek, Beatrix Arendt, John Jones, Derek Wheeler and Fraser Neiman—Discovering Landscape Modification through Pollen Data Analysis at Thomas Jefferson's Monticello
- 36-f Ashley McCuiston—Spatial Analysis of the DuPont Powder Mill in Southwestern Pennsylvania

**[37] POSTER SESSION ■ TEACHING, HERITAGE, OUTREACH****Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 37-a Elizabeth Scharf and Melinda Leach—Reflections on Teaching and Assessing Student Learning in Introductory Archaeology
- 37-b Victoria Sluka and Ian Kuijt—International Intellectual Property Law and Traditional Crafts: A Case Study
- 37-c Melinda Leach, Elizabeth Scharf and Ann Reed—Capstones and Competency across the Anthropology Major: Assessment of Student Learning with an Archaeological Case Study
- 37-d Theresa McReynolds Shebalin—Lessons from the Classroom: A Teacher's Suggestions for Improving K-12 Archaeology Outreach
- 37-e Cheryl Johnston, Paul Martin, John Schweikart, Lucas Roller and Jane Brown—Forensic Archaeological Field Training: Pedagogy and Practice

**[38] POSTER SESSION ■ BIOARCHAEOLOGY, TAPHONOMY****Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 38-a Jeremy Pye—Parasites and Their Impact on Human Behavior and Society
- 38-b Joseph DeAngelis—Large Bones, Small Bones, Big Bones, Little Bones: A Quantitative Analyses of Sampling Bias in the Early Paleoindian Zooarchaeological Record
- 38-c Kelly Brown, Barbara Winter, Chen Shen and Dongya Yang—Developing Minimally Destructive Protocols for DNA Analysis of Museum Collection Bone Artifacts
- 38-d William Brown and Ben Hanowell—Everything is Not Yet Lost: Modeling Taphonomic Bias in a Bayesian Survival-Analytic Framework

Thursday Morning, April 7**[39] POSTER SESSION ■ METHOD AND THEORY****Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 39-a Patrick Livingood—GIS Dataset for Making Better and More Attractive Maps of U.S. Rivers
- 39-b Autumn Cool—Archaeological Night-Vision: Experiments in Aerial Thermography
- 39-c Ted Parsons—Practical and Affordable Alternatives to Terrestrial Laser Scanning
- 39-d Alexandra Norwood—Formal Open Space and its Relationship to Governance in Premodern Cities
- 39-e Elizabeth Sobel and Virginia Hutton Estabrook—The Archaeological Utility of ACTUS: An Alternative Method of Contingency Table Analysis Using Simulation
- 39-f Amy Fox—Stone Tools from the Outside: Correlating Object Mass and Shape
- 39-g Stephanie Lambert, Joseph Bryce, Jaclyn Eckersley and Paul Stavast—Collections and Conveyor Belts: A New Way to Look at Artifacts
- 39-h Kathy Loftis, Alex Cherkinsky and Robert Speakman—Assessing the Effectiveness of XAD-2 Resin As Pre-Treatment Method for AMS 14C Dating
- 39-i Daniel Warren, Robert Church, Robert Westrick, Melanie Damour and Leila Hamden—Deepwater Shipwrecks and Oil Spill Impacts: A Multidisciplinary Investigation of Shipwreck Impacts from the Deepwater Horizon Oil Spill
- 39-j Virginia Clifton—Victorian Era Opiate Use at the Vanoli Red Light District of Ouray, Colorado
- 39-k Maria Senatore—Material texts in Historical Archaeology. Exploring Material Dimensions of 19th Century Whaling Logbooks
- 39-l Mini Sharma Ogle—Of Power Poles, Fishing Poles and Post Holes: Developing a CRM Plan for an Electric Utility
- 39-m Tiffany Fulkerson—Engendering the Archaeological Record of the Southern Plateau, Northwestern North America

**[40] POSTER SESSION ■ TEACHING ARCHAEOLOGY: HIGHLIGHTS FROM THE COMMITTEE ON CURRICULUM AND THE TEACHING ARCHAEOLOGY INTEREST GROUP***(Sponsored by Curriculum Committee and the Teaching Archaeology Interest Group)***Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Chairs:** Justin Williams and Crystal Dozier**Participants:**

- 40-a John Whittaker—Teaching Bones from my Garden
- 40-b Justin Williams, Nancy Gonlin and Leah McCurdy—The Curriculum Committee's New Curriculum Resource
- 40-c Jennifer Zovar—Trash, Histories, and Community Engagement: Integrating Service Learning into the Archaeology Curriculum
- 40-d Susan Ryan and Rebecca Simon—Beyond Excavation and Laboratory Work: New Directions in Crow Canyon Archaeological Center's College Field School Curricula
- 40-e Elanor Sonderman and Crystal Dozier—Collections as a Teaching Resource: A Case Study
- 40-f John Seebach—Thirst for Knowledge: Teaching Typology and Social Organization through the Stylistic Attributes of Water Bottles
- 40-g April Kamp-Whittaker, Andrea Barker and Margaret Nelson—Hohokam Communities: Taking Risks and Making Trade-offs
- 40-h Devin Pettigrew and Justin Garnett—Ancient Projectile Weapons for Teaching and Public Outreach

- 40-i Darlene Applegate—Applying Key Archaeology Concepts: Activities for the Undergraduate Classroom

**[41] POSTER SESSION ■ PEOPLE, POTTERY, AND PETROGRAPHY: RECENT RESEARCH IN CERAMIC PETROGRAPHY**

**Room:** Atlantic Hall B

**Time:** 10:30 AM - 12:30 PM

**Chair:** Andrea Torvinen

**Participants:**

- 41-a Ammie Mitchell—A Petrographic Examination of Early Ceramic Crushed Rock Tempers
- 41-b Zackary Gilmore and Kenneth Sassaman—From Distributed to Place-Based Communities: The Ceramic Social Geography of Late Archaic Stallings Societies
- 41-c David Hill—Using Petrographic Analysis to Identify Pottery Production: Shoshone Pottery Making at the Ravens Nest (48SU3871) Southwestern Wyoming
- 41-d Tanya Chiykowski—Petrography, Pots and People: Determining the source of Hohokam plainwares at Cerro de Trincheras, Sonora, Mexico
- 41-e Andrea Torvinen—Petrographic Analysis of Decorated Ceramics from La Quemada, Zacatecas, Mexico
- 41-f John Lawrence, Scott Fitzpatrick and Kathleen Marsaglia—Petrography and Provenance of Pottery Sherds from Islands in the Southern Lesser Antilles, Caribbean
- 41-g Daiana Rivas-Tello and Andrew Roddick—Finding a Middle Ground: Paste Analysis by way of a USB Microscope in the Lake Titicaca Basin, Bolivia
- 41-h Philip Johnston—Fragments of Identity: Systematic Ceramic Analysis, Technology, and Colonial Process

**[42] POSTER SESSION ■ SPECIALIZED ANALYSES OF CULTURAL MATERIALS AND FEATURES FROM PRE-CONTACT NATIVE AMERICAN SITES IN NEW ENGLAND**  
*(Sponsored by The Public Archaeology Laboratory, Inc. (PAL))*

Thursday Afternoon, April 7**Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Chair:** Dianna Doucette**Participants:**

- 42-a Ora Elquist—Susquetonscut Brook 5 Site: Residential Base Camp in an Upland Interior Setting?
- 42-b Erin Flynn and Dianna Doucette—An Illustrative Case Study for an Archaic House Structure in Southern New England: Insights from the Halls Swamp Site and Beyond
- 42-c Kristen Jeremiah and Dianna Doucette—Procuring and Processing Resources Down by the Brook: Archaeological Investigations at The Susquetonscut Brook Site 11 in Eastern Connecticut
- 42-d Joseph Waller and Alan Leveillee—Villages, Horticulture, and the Narragansett: Native American Settlement and Resource Exploitation along the Southern Rhode Island Coast ca. 1300-1400 AD.

**[43] SYMPOSIUM ■ PUEBLO ARCHAEOLOGY OF THE GREATER TAOS REGION: WE'VE GOT A LOT TO LEARN****Room:** Southern Hemisphere Salon 3**Time:** 11:15 AM - 12:00 PM**Chair:** Paul Reed**Participants:**

- 11:15 Kit Nelson and Paul Reed—Reassessing Taos Area Archaeology: What We Still Don't Understand in 2015
- 11:30 Lauren OBrien—Pithouses in the Taos Valley: What Don't We Know?
- 11:45 Michael Adler—Destruction of Stored Food in Pre-Contact Northern Rio Grande Pueblo Communities: Food for Thought

**Thursday Afternoon ■ April 7, 2016****[44A] THE ETHICS BOWL****Room:** Asia 3**Time:** 1:00 PM - 3:00 PM**[44] GENERAL SESSION ■ ARCHAEOLOGY OF THE OLMEC****Room:** Northern Hemisphere Salon A4**Time:** 1:00 PM - 2:00 PM**Chair:** Timothy Murtha**Participants:**

- 1:00 Celso Jaquez—Chalcatzingo Monument 5: A Middle Formative Mesoamerican Expression of the Celestial Paradise
- 1:15 Henri Bernard and Emiliano Melgar—Manufacturing Techniques of Olmec Art Sculptures from Arroyo Pesquero in the MAX (Museo de Antropología de Xalapa)
- 1:30 Samantha A. Streuli, Margaret J. Schoeninger and Andrew D. Somerville—Application of Stable Isotope Analysis to Questions of Status Formation and Dietary Disparities at Chalcatzingo, Morelos, Mexico
- 1:45 Timothy Murtha, Ann Cyphers and Gerardo Jiménez—The San Lorenzo Geospatial Project: Mapping the Olmec City and Landscape

Thursday Afternoon, April 7**[45] SYMPOSIUM ■ EVERYBODY ELSE: THE PREDECESSORS AND CONTEMPORARIES OF THE MOCHE ON THE NORTH COAST OF PERU****Room:** Northern Hemisphere Salon E4**Time:** 1:00 PM - 2:30 PM**Chairs:** Jordan Downey and Flannery Surette**Participants:**

- 1:00 Jordan Downey—The Rise of Authority and the Decline of Warfare in the Virú Valley
- 1:15 Celeste Gagnon and Bethany Turner—Those Who Came Before: Investigating Diet, Health and Mobility in the Moche Valley, 1800 BC – AD 200
- 1:30 Kayeleigh Sharp—Unexpected Social Complexity in the mid-Zaña Valley, North Coast, Peru
- 1:45 Janusz Woloszyn—Enemies – Strangers – Neighbours. Image of the Others in Moche Culture
- 2:00 Alicia Espinosa, Nicolas Goepfert and Vincent Chamussy—Territoriality and Ceramic Distribution of the Virú-Gallinazo Populations on the Northern Coast of Peru: New Insights Using Spatial Analysis
- 2:15 Flannery Surette—The Night is Dark and Full of Terrors on the North Coast of Peru—Moon Animals in the Virú Imagination

**[46] GENERAL SESSION ■ CERAMICS IN MESOAMERICAN ARCHAEOLOGY****Room:** Oceanic 7**Time:** 1:00 PM - 2:30 PM**Chair:** Kong Cheong**Participants:**

- 1:00 Gavin Davies and Maria de los Angeles Corado—Traditions and Transformations in the Southwestern Maya Highlands: Ceramic and Settlement Evidence from the Southwest Lake Atitlan Basin, Solola, Guatemala
- 1:15 Dean Arnold and Dean E. Arnold—How Does the Organization of Ceramic Production Change Through Time? An Ethnoarchaeological View
- 1:30 Agapi Filini—Negative Painted Ceramics in Mesoamerica: Functional Equivalency and Multiple Solutions
- 1:45 Timothy Sullivan—Sierra Red Ceramics, Identity, and Foodways in the Middle and Late Formative Chiapa de Corzo Polity, Chiapas, Mexico.
- 2:00 Dante Garcia and Guillermo De Anda—Climatic Changes and Ceramics during the Terminal Classic at Chichén Itzá.
- 2:15 Kong Cheong, Mads Jorgensen and Roger Blench—Shake It Off: The Ancient Sound of Ceramic Vessel Rattles (Maracas) from Tala and Teuchitlan, Jalisco, West Mexico

**[47] SYMPOSIUM ■ GESTURES ACROSS A CONTINENT: HANDS, COMMUNICATION AND MEANING IN THE ANCIENT AMERICAS****Room:** Northern Hemisphere Salon E3**Time:** 1:00 PM - 2:45 PM**Chairs:** Amy Maitland Gardner and Elizabeth Baquedano**Participants:**

- 1:00 Amy Maitland Gardner—Their World at Hand: Entering the Language of Gesture in Classic Maya Art
- 1:15 Kathryn Hudson and John Henderson—Gesture, Identity, and Meaning in Southeastern Mesoamerica
- 1:30 Elizabeth Baquedano and Tessa Robinson—Divine Hands: The Teotihuacan Great Goddess

Thursday Afternoon, April 7

- 1:45 Claire Halley—Hand in Hand: the Physical and Symbolic Representation of Social Bonding in the Prehistoric American Southwest.
- 2:00 Alice Samson and Jago Cooper—The Use of Fingers and Hands in Mark-Making in Caves in the Indigenous Caribbean
- 2:15 Denise Arnold—A View from the Weaver's Fingertips: Gesture and Complexity in the South Central Andes
- 2:30 Megan O'Neil—Discussant

**[48] FORUM ■ THE FUTURE OF AMERICAN ARCHAEOLOGY: ENGAGE THE VOTING PUBLIC OR KISS YOUR RESEARCH GOODBYE!**

**Room:** Oceanic 2

**Time:** 1:00 PM - 3:00 PM

**Moderator:** Terry Klein

**Participants:**

- Deborah Gangloff—Discussant
- William Lees—Discussant
- Lynne Goldstein—Discussant
- Alice Wright—Discussant
- Bonnie Styles—Discussant
- Pamela Cressey—Discussant
- Krysta Ryzewski—Discussant

**[49] SYMPOSIUM ■ SHELL MIDDEN MICROARCHAEOLOGY UNRAVELED**

**Room:** Oceanic 3

**Time:** 1:00 PM - 3:00 PM

**Chairs:** Rita Dias and Patrícia Monteiro

**Participants:**

- 1:00 Patrícia Monteiro, Laura Caruso Fermé and Nuno Bicho—Charcoal Analyses Unraveling Cabeço Da Amoreira Muge Shell Midden (Portugal)
- 1:15 Rita Dias, Cleia Detry and Nuno Bicho—The Use of Fish Vertebrae and Otoliths For Sclerochronological Analysis of a Mesolithic Shell Midden: Advantages and Limitations
- 1:30 Cláudia Umbelino, Francisco Francisco Curate, Teresa Ferreira, Eugénia Cunha and Nuno Bicho—Cortical Bone Loss in the Human Skeletons Recovered From the 21st Century Excavations of Cabeço Da Amoreira Shell Midden
- 1:45 Carlos Duarte, Eneko Iriarte, Igor Gutiérrez-Zugasti and Pablo Arias—Carbonate Microfacies in Shell Middens of Northern Iberia: Implications for Holocene Environment and Mesolithic Settlement
- 2:00 Lautaro Maximilian Hilbert, José Iriarte, Eduardo Góes Neves and Francisco Pugliese—Investigating Plant Management in the Tucumã (Pará-Brazil) and Monte Castelo (Rondônia- Brazil) Shell Midden using Phytoliths Analysis
- 2:15 Jorge Mateus and Rita Scheel-Ybert—Phytolith Analysis in Sernambetiba Shell Mound, Rio De Janeiro, Brasil
- 2:30 Stephen Carmody, D. Shane Miller, Thaddeus Bissett, Lydia D. Carmody and David G. Anderson—Secrets from Within the Shell: Exploring the Differences between Shell-Bearing and Shell-Free Deposits at 40DV307 along the Cumberland River, Tennessee, USA
- 2:45 Questions and Answers

**[50] SYMPOSIUM ■ RECENT RESEARCH AT THE CEREMONIAL CENTER OF TIBES, PONCE,**

**PUERTO RICO**

**Room:** Northern Hemisphere Salon E2

**Time:** 1:00 PM - 3:00 PM

**Chairs:** Lisa Stringer and L. Curet

**Participants:**

- 1:00 L. Curet, Lisa Stringer and William Pestle—The Archaeological Project of the Ceremonial Center of Tibes: Summary and Recent Discoveries
- 1:15 Josh Torres and Johshua Torres—Contextualizing Tibes and the Local Landscape
- 1:30 Debra Green—Landscape Change at the Ceremonial Center of Tibes in Puerto Rico: A Late Holocene Hurricane Flood Event?
- 1:45 Gordon Ambrosino, Antonio Curet and Jill Segard—Rock Art of the Ceremonial Center of Tibes, Ponce, Puerto Rico
- 2:00 William Pestle—The burials of Tibes, reconsidered
- 2:15 Geoffrey DuChemin—Zooarchaeology of the Vertebrate Fauna of Tibes: Uniformity in Transition
- 2:30 Mariela Declet-Perez—Results of the Analysis of the Coral from Tibes Ceremonial Center, Puerto Rico
- 2:45 Sonia Archila Montanez and Saul Torres Orjuela—Characterisation of Charcoal Assemblages from the Ceremonial Center of Tibes, Puerto Rico

**[51] SYMPOSIUM ■ MULTI-DIRECTIONAL COLONIALISM: APPROACHES TO STUDYING GLOBAL INTERACTIONS**

**Room:** Oceanic 5

**Time:** 1:00 PM - 3:30 PM

**Chairs:** Kaoru Ueda and Kathryn Ness

**Participants:**

- 1:00 Peter Stone—Lagging, Uneven Hellenism in the Hellenistic East
- 1:15 Sonia Alconini—Inka Frontier Political Economy: The Kallawayas and Yampara
- 1:30 Parker VanValkenburgh—Landscape, Labor, and the Production of Difference in Colonial Peru: Indios and Negros in the Zaña Valley, 16th through 18th centuries C.E.
- 1:45 Luke Pecoraro—The Old World a Bridge to the New: Daniel Gookin Jr.'s Intercolonial and Transatlantic Connections in the Seventeenth Century
- 2:00 Kaoru Ueda—Exotic or Familiar? : Exploring the Multi-directionality of Cultural Influence of Asian Porcelain in the Late 17th- Early 19th-century Dutch Sites in Banten, Indonesia
- 2:15 Stacey Jordan—Colonizing the Colonial: Viewing Influence through the Lens of Coarse Earthenware at the Dutch East India Company Cape of Good Hope, South Africa
- 2:30 Jared Koller—3D Visualization and Soundscape Applications that Speak to Community Organizational Change on Luzon, Philippines during Spanish Contact
- 2:45 Kathryn Ness—"Reverse Colonialism": The Multi-Directional Nature of Cultural Exchange in the 18th-Century Spanish Atlantic
- 3:00 Diana Loren—Discussant
- 3:15 Questions and Answers

**[52] SYMPOSIUM ■ "SKULL CULTS" AMONGST HUNTER-GATHERERS?**

**Room:** Australia 3

**Time:** 1:00 PM - 3:30 PM

**Chairs:** Rick Schulting and Andrzej Weber



Thursday Afternoon, April 7**Participants:**

- 1:00 Rick Schulting, Jörg Orschiedt, Dani Hofmann and Gisela Grupe—New Research on the Mesolithic ‘Skull Nests’ of Ofnet Cave, SW Germany
- 1:15 Fredrik Hallgren—On the Ritual Display and Deposition of Human Skulls at Kanaljorden, Motala, Sweden, 8000 Cal BP
- 1:30 Andrzej Weber and Vladimir Bazaliiskii—Spatio-Temporal Variation in Mortuary ‘Skull Cults’ among Middle Holocene Hunter–Gatherers of the Baikal Region, Siberia
- 1:45 Nigel Goring-Morris and Anna Belfer-Cohen—“Off With Their Heads”: Skull Removal in the Prehistoric Near East
- 2:00 Michelle Bonogofsky—Post-Mortem Manipulation of the Human Skull in the Middle East during the Neolithic Period
- 2:15 Ian Kuijt—Skull Removal and Mediation of Personhood over the Forager-Farmer Transition
- 2:30 Amber Osterholt and Christopher Schmidt—Heads that Speak: Dividuals and Trophies from the Eastern Woodlands Archaic
- 2:45 Paul Roscoe—On Losing One’s Head in New Guinea: Head Rituals among New Guinea Hunter-Gatherers and Fisher-Foragers
- 3:00 Ian Armit—Discussant
- 3:15 Questions and Answers

**[53] SYMPOSIUM ■ AFTER THE VOLCANO ERUPTED: PAPERS IN HONOR OF PAYSON SHEETS (PART 2)**

**Room:** Southern Hemisphere Salon 5

**Time:** 1:00 PM - 3:30 PM

**Chair:** Christine Dixon

**Participants:**

- 1:00 Errin Weller—Volcanos, Imagery, and Footpaths: Research in Costa Rica
- 1:15 Thomas Sever—Prehistoric Rootpaths in Costa Rica: Transportation and Communication in a Tropical Forest
- 1:30 Sarah Parcak—There and Back Again: A Space Archaeology Journey
- 1:45 Jessica MacLellan and Takeshi Inomata—Households, Ritual, and the Origins of Social Complexity in the Maya Lowlands: A View From the Karinel Group, Ceibal, Guatemala
- 2:00 Sarah Barber and Arthur Joyce—Gathered for the Feast: Community and Polity Ceremony in the Lower Río Verde Valley
- 2:15 Mark Chenault—Technical Analysis of Hohokam Stone Palettes from Pueblo Grande Museum
- 2:30 Stephen Lekson and Catherine Cameron—Obsidian in the Southwest
- 2:45 Frederick Lange—Pioneering Archaeology in Nicaragua (1983)
- 3:00 Wendy Ashmore—Discussant
- 3:15 Payson Sheets—Discussant

**[54] SYMPOSIUM ■ COMBATING INEQUALITY: ARCHAEOLOGY AND THE PRODUCTION OF CAPITAL IN THE 21ST CENTURY**

**Room:** Asia 2

**Time:** 1:00 PM - 3:30 PM

**Chairs:** Sarah Kurnick and David Rogoff

**Participants:**

- 1:00 Sarah Kurnick—Archaeology and the Production of Capital in the 21st Century
- 1:15 Randall McGuire—Can Archaeology Slow Down Fast Capitalism?
- 1:30 Arlene Fleming—Archaeology and Economic Development

Thursday Afternoon, April 7

- 1:45 Brian Daniels—Protecting Cultural Heritage By Promoting Community Welfare in the Syrian Conflict
- 2:00 Matthew Magnani and Natalia Magnani—Sámi Boat Building in a Cultural Revitalization Context: Unifying Community and Anthropological Goals
- 2:15 David Rogoff—Using Archaeology to Pursue Social Justice at Punta Laguna, Mexico
- 2:30 Kasey Diserens, Tiffany Cain and Richard Leventhal—Heritage That Gives Back: Community Development and Heritage Preservation in Tihosuco, Mexico
- 2:45 Claire Novotny—Decision-making and the Practice of Community Archaeology in Southern Belize
- 3:00 Anne Pyburn—Discussant
- 3:15 Jeremy Sabloff—Discussant

**[55] SYMPOSIUM ■ UNDERSTANDING THE NATURE AND TIMING OF HUMAN RESPONSES TO ENVIRONMENTAL CHANGE**

**Room:** Northern Hemisphere Salon E1

**Time:** 1:00 PM - 3:45 PM

**Chairs:** Jon Lohse and Myles Miller

**Participants:**

- 1:00 Todd Braje, Jon Erlandson, Kristina Gill, Christopher Jazwa and Nicholas Jew—Social-Ecological Resilience on California's Northern Channel Islands: The Trans-Holocene Record from Paleocoastal Mariners to Complex Hunter-Gatherers
- 1:15 James Vint and Fred L. Nials—Riparian Oases and Environmental Variation during the Archaic Period in Southern Arizona, 4000 to 2000 BP
- 1:30 Jon Lohse, Guillermo Acosta Ochoa, Molly Morgan and Aleksander Borejsza—Preceramic Mesoamerica: Chronology, Culture, and Climate
- 1:45 Myles Miller and Tim Graves—The Middle and Late Holocene Archaeological and Climatic Records of Southern New Mexico and Trans-Pecos Texas: New Insights and New Revelations
- 2:00 Ken Lawrence and Jon Lohse—Soil, Climate, and Culture Records on the Southern Great Plains
- 2:15 Erick Robinson, H. Jabran Zahid, Bryan N. Shuman and Robert L. Kelly—Holocene Climate Change and Human Population Growth Rates
- 2:30 Ashley Lemke and John O'Shea—Diving into Environmental Change: Underwater Archaeology of a Holocene Refugium in the Great Lakes
- 2:45 Kendal Jackson and Thomas Pluckhahn—Preliminary Results from Pollen Analysis of Soil Cores at Crystal River (8C11), Florida
- 3:00 David Anderson, Thaddeus Bissett and Martin Walker—Climate Change and Cultural Response in Holocene Southeastern North America
- 3:15 Mark Brenner—Discussant
- 3:30 Chip Wills—Discussant

**[56] SYMPOSIUM ■ SOCIAL COMPLEXITY IN THE CENTRAL ANDEAN REGION: CURRENT RESEARCH ON THE INITIAL PERIOD AND EARLY HORIZON PART 2**

**Room:** Southern Hemisphere Salon 2

**Time:** 1:00 PM - 4:00 PM

**Chairs:** David Chicoine and Hugo Ikehara

**Participants:**

- 1:00 Ryan Clasby—Understanding the Ceja De Selva in Relationship to the Central Andean Coast and Highlands during the Early Horizon
- 1:15 Rebecca Bria—Local Ritual and Social Change in the Andean Formative Period

Thursday Afternoon, April 7

- at Hualcayán, Peru
- 1:30 Hugo Ikehara—How Did the End of the Cupisnique-Chavín Religious Complex Affect Local Leadership?
- 1:45 James Treloar and David Chicoine—Early Horizon Warfare and Defensive Architecture in the Lower Nepeña Valley, Coastal Ancash
- 2:00 David Chicoine—Enchanted Plazas: Monumental Art and Iconography in Early Horizon Coastal Ancash
- 2:15 Matthew Helmer—Early Horizon Foodways and Settlement Nucleation: Preliminary Insights From Samanco, a Maritime Center in the Nepeña Valley, North-Central Peru
- 2:30 Ivan Ghezzi, Alan Hogg, Rodolfo Rodriguez, Antonio Mabres and Gretel Boswijk—Building a Dendrochronology for the Coast of Peru: High-Precision 14C Dating Results from Chankillo, Casma
- 2:45 Jalh Dulanto—Political and Economic Dynamics of Maritime Communities of the South Coast of Peru During the First Millennium BC: The Excavations of the Paracas Archaeological Project at Disco Verde and Puerto Nuevo
- 3:00 Elizabeth Klarich—Breaking with Tradition: Late Formative Pukara in the Northern Lake Titicaca Basin, Peru
- 3:15 Peter Kaulicke—The Paracas Phenomenon as an Interaction Sphere during the First Millennium B.C.
- 3:30 Jeffrey Blomster—Discussant
- 3:45 John Topic—Discussant

**[57] SYMPOSIUM ■ CERAMICS OF THE INDIGENOUS PEOPLES OF SOUTH AMERICA: STUDIES OF PRODUCTION AND EXCHANGE USING INAA**

**Room:** Southern Hemisphere Salon 4

**Time:** 1:00 PM - 4:15 PM

**Chair:** Michael Glascock

**Participants:**

- 1:00 Fernanda Falabella, Silvia Alfaro, María Teresa Planella, Matthew T. Boulanger and Michael D. Glascock—Testing the Social Aggregation Hypothesis for Llolleo Communities in Central Chile with NAA of Ceramic Smoking Pipes and Drinking Jars
- 1:15 Itaci Correa Girrulat, Francisco Gallardo, Mauricio Uribe, Michael Glascock and Matt Boulanger—La cerámica de los túmulos funerarios de la costa árida del Desierto de Atacama, Chile. Química, circulación e intercambio entre interior y costa
- 1:30 Go Matsumoto—A Compositional Signature of Multi-Craft Production?: Food Vessels from Great Plaza of Huacas de Sican
- 1:45 Ronald Lippi and Alejandra Gudino—Cultural implications of Neutron Activation Analysis of Ceramics from Palmitopamba, Ecuador
- 2:00 Terence Daltroy and Veronica Williams—Provisioning Inka Rule in NW Argentina
- 2:15 Hernando Giraldo Tenorio, Robert Speakman and Michael Glascock—Pottery Production and Consumption in the Andean-Amazonian Frontier in Southwestern Colombia (2500-500 BP)
- 2:30 Krzysztof Makowski, James Davenport, Mercedes Delgado, Iván Ghezzi and Michael Glascock—Comparative Characterization and Sourcing of Pottery Styles from the Lurin Valley, Central Coast of Peru
- 2:45 Marisa Lazzari, Lucas Pereyra Domingorena, Maria Cristina Scattolin, Wesley Stoner and Michael Glascock—Social Interaction and Communities of Practice in Formative Period NW Argentina: A Multi-Analytical Study of Ceramics
- 3:00 Leslie Cecil, Tom Dillehay and Michael Glascock—Recruited or Annexed Lineages: A Chemical Analysis of Purén and Lumaco Pottery and Clays

**Thursday Afternoon, April 7**

- 3:15 Lucy Salazar, Richard Burger and Michael Glascock—The INAA Analysis of Pottery from Machu Picchu: An Initial Assessment
- 3:30 Estefania Vidal Montero, Mauricio Uribe, Ester Echeñique and Andrew Menzies—Pottery Production, Circulation and Exchange During the Formative Period in Tarapacá, Northern Chile
- 3:45 Mercedes Delgado, Paula Olivera, Eduardo Montoya, Jorge Bravo and Miriam Mejía—Characterization of Ceramics of the Lima Culture – The Villa El Salvador Site
- 4:00 Hector Neff—Discussant

**[58] SYMPOSIUM ■ EXHIBITING MESOAMERICAN ARCHAEOLOGY IN THE EARLY 21ST CENTURY**

**Room:** Northern Hemisphere Salon A3

**Time:** 1:00 PM - 4:30 PM

**Chairs:** Marc Levine and Edward Fleming

**Participants:**

- 1:00 Loa Traxler—A New Bak'tun – Maya Archaeology, Stewardship and Exhibitions Beyond 2012
- 1:15 Stephen Whittington—Challenges and Successes of Some Mesoamerican Exhibits in Small University Museums Around the Turn of the 21st Century
- 1:30 Dirk Van Tuerenhout—Maya 2012. Prophecy Becomes History
- 1:45 Marc Levine—The Making of a Mesoamerican Blockbuster: Maya: Hidden Worlds Revealed
- 2:00 Edward Fleming and Liza Pryor—From Hero Objects to Foam Blocks: Contextualizing the Archaeological Record in Maya: Hidden Worlds Revealed
- 2:15 Matthew Robb—Ancient American Art at the Saint Louis Art Museum
- 2:30 John Pohl—Exhibiting Cultural Context
- 2:45 Adam Sellen—Latin America's New White Elephant: Museums and Exhibits of Pre-Hispanic Material Culture in the Post-Industrial City.
- 3:00 John Morris and Jaime Awe—Exhibiting Maya Archaeology in the Developed World: A Developing Country Perspective
- 3:15 Oswaldo Chinchilla—Public or Private? Archaeology in Modern Guatemalan Museums
- 3:30 Viola Koenig—The Mesoamerica Exhibitions in the Future Humboldt Forum in the Center of Berlin
- 3:45 Questions and Answers
- 4:00 Mary Miller—Discussant
- 4:15 Alex Barker—Discussant

**[59] SYMPOSIUM ■ NUTS AND BOLTS OF THE REAL “BUSINESS” OF ANCIENT MAYA EXCHANGE (PART 2)**

**Room:** Northern Hemisphere Salon D & DE Corridor

**Time:** 1:00 PM - 4:30 PM

**Chair:** Marilyn Masson

**Participants:**

- 1:00 Brent Woodfill—Large-Scale Production of Basic Commodities at Salinas de los Nueve Cerros, Guatemala: Implications for Ancient Maya Political Economy
- 1:15 Kenichiro Tsukamoto—A Discrepancy between Elite Office and Economic Status in the El Palmar Dynasty, Mexico
- 1:30 James Doyle—E-Groups and the Origins of Ancient Maya Exchange
- 1:45 Andrew Wyatt—Gardens of the Maya
- 2:00 Richard Hansen, Edgar Suyuc, Stanley Guenter, Beatriz Balcarcel and Carlos

Thursday Afternoon, April 7

- Morales—Economic Interaction and the Rise of Socio-Political Complexity in the Maya Lowlands: The Case from the Mirador Basin
- 2:15 Charles Golden, Andrew Scherer, Whittaker Schroder and Clive Vella—Decentralizing the Economies of the Maya West
- 2:30 Beniamino Volta and Joel D. Gunn—The Political Geography of Long-Distance Trade in the Maya Lowlands: Comparing Proxies for Power Structure and Exchange Networks
- 2:45 Questions and Answers
- 3:00 Alexandre Tokovinine—"Bundling the sticks": Tallies in Classic Maya inscriptions
- 3:15 Dorie Reents-Budet and Ronald Bishop—The Contents, Roles and Meanings of "Tribute" among the Classic Maya
- 3:30 Payson Sheets—Production, Maintenance, and Exchange in a Young Maya Community: Ceren, El Salvador
- 3:45 Daniela Triadan and Takeshi Inomata—Maya Economic Organization and Power: Elite Households at Aguateca
- 4:00 David Freidel—Discussant
- 4:15 Norman Yoffee—Discussant

**[60] SYMPOSIUM ■ HISTORICAL ECOLOGY, HETERARCHY AND MULTITEMPORAL DYNAMICS: PAPERS IN HONOR OF CAROLE CRUMLEY**

**Room:** Northern Hemisphere Salon C

**Time:** 1:00 PM - 4:30 PM

**Chair:** Celeste Ray

**Participants:**

- 1:00 William Marquardt—Dialectic in Historical Ecology
- 1:15 Janet Levy—Feminism, Gender, and Heterarchy
- 1:30 Matthew Murray and Bettina Arnold—A "Landscape of Ancestors"—Looking Back and Thinking Forward
- 1:45 Ian Ralston and Gary Lock—The Hillforts of Britain and Ireland: How Regionally Varied Are They?
- 2:00 Manuel Fernandez-Gotz—Hierarchies and Heterarchies in Iron Age Europe
- 2:15 Robert Wenke—The Early Egyptian State
- 2:30 Thomas McGovern—Historical Ecology in the Cold and Wet: Carole Crumley's North Atlantic Legacy
- 2:45 Questions and Answers
- 3:00 Celeste Ray—Holy Wells across the Longue Durée
- 3:15 Seth Murray—Expanding Historical Ecology from Interdisciplinary to Transdisciplinary Objectives
- 3:30 Eric Poncelet—Reflections on Anthropology and Environment: Implications of Crumley's Holistic Approach
- 3:45 Michael Scholl—Historical Ecology and Planning for the Future: Mapping the Historical Trajectory of American Agriculture
- 4:00 Erik Johannesson—The Way the Wind Blows on the Steppe: The Historical Ecology of Mortuary Monuments in Mongolia (1500 BC-1400 AD)
- 4:15 Christopher Rodning and Jayur Mehta—Resilience, Hierarchy, and the Native American Cultural Landscapes of the Yazoo Basin and the Mississippi Delta

**[61] SYMPOSIUM ■ EXPLORING 12,000 YEARS OF OCCUPATION, LAND USE, AND CONFLICT: ARCHAEOLOGICAL AND HISTORICAL RESEARCH SPONSORED BY THE MASHANTUCKET AND EASTERN PEQUOT TRIBES**

**Room:** Asia 4

**Time:** 1:00 PM - 5:00 PM

**Chairs:** William Farley and John Kelly

**Participants:**

- 1:00 Brian Jones—The Thirty-Three Year History of Cultural Resource Management at the Mashantucket Pequot Reservation
- 1:15 Zachary Singer and Brian Jones—The Paleoindian Period At Mashantucket
- 1:30 Brianna Rae—Sandy Hill: A Preliminary Reanalysis
- 1:45 Kimberly Kasper and Katharine Reinhart—The Power of Plants: Recentring Traditional Ecological Knowledge in New England
- 2:00 Kevin McBride and David Naumec—Battlefields of the Pequot War (1636-1637)
- 2:15 Ashley Bissonnette—Pestilences of the Just War: An Epidemiologic Investigation of the Pequot War
- 2:30 William Farley— A Preliminary Analysis of Calluna Hill (CT 59-73), an Early 17th-century Pequot Village
- 2:45 Questions and Answers
- 3:00 Gina Dezi and Kevin McBride—The Battlefield Archaeology of Domestic Sites: Wartime Production during the Pequot War (1636-1637)
- 3:15 Megan Willison and Kevin McBride—Indigenous Metalworking: An Examination of Metal Production and Use During the Pequot War
- 3:30 John Kelly, Katharine Reinhart and Zachary Singer—The Mill Site at Ohomowaake: An Eighteenth-Century Euro-American Domestic and Industrial Occupation on the Periphery of the Mashantucket Pequot Reservation
- 3:45 Jason Mancini—"the more usual Place of their Abode": Ethnogeography, Community Dynamics, and Household Economies on the Mashantucket Pequot Indian Reservation
- 4:00 Salvatore Ciccone—Space and Architecture: Historical Archaeology at the Eastern Pequot reservation
- 4:15 Stephen Anderson—Smoking Areas: Change and Continuity of Eastern Pequot Smoking Practices Through Spatial Analysis and Clay Tobacco Pipe Distributions
- 4:30 Stephen Silliman and Katherine Sebastian Dring—Integrating Community, History, and Objects: Reflections on Eastern Pequot Reservation Archaeology
- 4:45 Questions and Answers

**[62] SYMPOSIUM ■ THE ROLE OF HIGH ALTITUDE LANDSCAPES IN THE PEOPLING OF THE NEW WORLD**

**Room:** Asia 1

**Time:** 1:00 PM - 5:00 PM

**Chairs:** Bonnie Pitblado and Kurt Rademaker

**Participants:**

- 1:00 Veronica Ortiz and Thomas Lynch—Quishqui Punku (PAN 3-170), Early Use of High Altitude Sites in the Callejon de Huaylas (Ancash), Peru
- 1:15 Edward Jolie, Verónica Lema and Sara López Campeny —Terminal Pleistocene/Early Holocene Perishable Technologies and the Peopling of the Andes
- 1:30 Katherine Moore and Kurt Rademaker—Hunter's Paradise or Hypoxic Wasteland? Recent Research in the Pucuncho Basin, Peru
- 1:45 Daniela Osorio, Calogero Santoro, Marcela Sepúlveda, José Capriles and Paula Ugalde —Early Occupation of the Altiplano of Northern Chile: Activities, Technology, and Mobility
- 2:00 Hugo Yacobaccio—Peopling of the High Andes of Northwestern Argentina
- 2:15 Questions and Answers
- 2:30 Bonnie Pitblado—The Role of the Rocky Mountains in the Peopling of North America

Thursday Afternoon, April 7

- 2:45 John Blong—Late Glacial Hunter-Gatherers in the Central Alaska Range  
 3:00 Samuel White—The Anzick Site: A Rocky Mountain Locale Featuring Recurrent Human Utilization Across the Millennia  
 3:15 Maria Zedeño—Bison Hunters and the Rockies: An Evolving Ontology  
 3:30 Karen Weinstein—Morphological Signatures of High-Altitude Adaptations in the Andean Archaeological Record and the Challenges of Distinguishing Developmental Plasticity from Genetic Adaptations  
 3:45 Cecil Lewis and Christina Warinner—A Biocultural Assessment of Gene Flow, the Andes and the Himalayas  
 4:00 Lorna Moore—Genetic Adaptation to High Altitudes: What Genotypes and What Phenotypes are Involved?  
 4:15 Lars Fehren-Schmitz—A Paleogenetic Perspective on the Early Population History of the High Altitude Andes  
 4:30 Margaret Jodry—Discussant  
 4:45 Calogero Santoro—Discussant

**[63] SYMPOSIUM ■ EXCAVATING THE MUSEUM: NEW RESEARCH ON OLD COLLECTIONS**  
*(Sponsored by Fiber Perishables Interest Group)*

**Room:** Southern Hemisphere Salon 1

**Time:** 1:00 PM - 5:00 PM

**Chairs:** Laurie Webster and Maxine McBrinn

**Participants:**

- 1:00 Denis Waudby—Plant Fibre Diagnostics: Retrospect and Prospect  
 1:15 Jamie Henry—The Orphaned Archaeological Collections and its Place in the Modern Museum: A Case Study from Tell Hadidi, Syria  
 1:30 Kylie Quave—Revealing Pre-Columbian Bundles: Collaborative Student-Faculty Research at the Logan Museum of Anthropology, Beloit College  
 1:45 Jessica Levy, Luis Alberto Peña, Lucía Valenzuela, Erika Quispe and Teobalda Inés Ramos—Funerary Bundles from the Storeroom: Conservation Choices and Research Opportunities in Alejandro Pezzia's Salvage Collections.  
 2:00 Katlynn Thompson, Jessica Levy, Diane Newbury, Sheena Owens and Ann Peters—Fifty-year-old Boxes Illuminate the Middle Horizon in Ica, Peru: Textile Conservation and New Research Opportunities  
 2:15 Anna Cohen—Aztec Imperial Strategies in Guerrero, Mexico: Evaluating the Greengo Collection from the Burke Museum, Seattle  
 2:30 Phil Geib—Mesoamerican Grooved Curved Sticks: Short Swords, Fending Sticks, or Other Purpose?  
 2:45 Margaret MacMinn-Barton—Buried Museum Textiles from the Prehistoric Americas  
 3:00 Erin Gerty, Rachel Freer-Waters and Gwenn Gallenstein—Wrinkle-free Clothing: Conservation and Rehousing of Prehistoric Cotton Textiles from Navajo, Walnut Canyon, and Wupatki National Monuments, Arizona  
 3:15 Erin Baxter—Gone but Not Forgotten: Perishable Artifacts from Aztec Ruins (NM) Preserved in Photographs, 1916-1923.  
 3:30 Laurie Webster—Forgotten but Not Gone: Restoring the Research Potential of Older Perishable Artifact Collections from Southeastern Utah  
 3:45 Tim Riley—Poorly Provenienced Perishables at the USU Eastern Prehistoric Museum: New Directions for Old Utah Collections  
 4:00 Maxine McBrinn and J.M. Adovasio—Marriage Patterns and Material Culture: A Pueblo/Fremont Test Case Using Basketry  
 4:15 Scott Hamilton-Brehm, Lidia Hristova, Susan Edwards, Jeffrey Wedding and Duane Moser—Parallel Analysis of Ancient Human mtDNA Sequences and

Thursday Afternoon, April 7

- 4:30 Radiocarbon Ages of Quids from the Mule Springs Rockshelter, Nevada, USA  
William Weeks and Edward Jolie—Discovering Plies in Back and Then, Just  
About Everywhere: Perishable Artifact Studies from the Eastern U.S. Beginning  
with Tennessee
- 4:45 Dale Croes and Ed Carriere—Re-Awakening a 2,000 Year Old Salish Sea  
Basketry Tradition: Master Salish Basketmaker and Wet Site Archaeologist  
Explore 100 Generations of Cultural Knowledge

**[64] POSTER SESSION ■ FROM CROPS TO STONES IN SOUTHWESTERN ARCHAEOLOGY****Room:** Atlantic Hall B**Time:** 2:00 PM - 4:00 PM**Participants:**

- 64-a Thatcher Rogers—Spatiotemporal Trends in Ceramics and Architecture in  
Domestic Paquime, Chihuahua, Mexico
- 64-b Jennifer Payne, Anthony De La Rosa and Kelly Michel—Virtual Preservation and  
Outreach for Nake'muu Pueblo: Using Technology to Make Inaccessible Sites  
Accessible
- 64-c Jeffrey Ferguson, Barbara Roth and Katelynn DiBenedetto—Obsidian  
Procurement Strategies at the Harris Site
- 64-d Anna Schneider—American Southwest, Mexican Northwest: An Examination of  
Ground and Chipped Stone Artifacts from Garden Canyon Village
- 64-e Claire Barker and Samantha Fladd—Miniature in Everything but Meaning: A  
Contextual Analysis of Miniature Vessels at Homol'ovi
- 64-f Marco Martinez—Ceramic analysis of site 291, a historic Casas Grandes site.
- 64-g Mark Slaughter, Richard Anduze, Jeremy Iliff, Garry Cantley and Terry  
McClung—Kayenta Mine on Black Mesa
- 64-h Michael Pool—"No Attempt Was Made to Cultivate Crops until Very Recent  
Times"
- 64-i Scott Kirk, Amy Thompson and Christopher Lippitt—Predictive Modeling for Site  
Detection in Central New Mexico using Remotely Sensed Data on Phenology
- 64-j Dolores Dávalos Navarro—Architecture of the late Pueblo in southern Southwest  
and Northwest Mexico
- 64-k Leslie Aragon—We Built This System: Hohokam Irrigation Communities as  
Social Networks
- 64-l Michael Heilen and Monica Murrell—An Experimental Project to Conduct Digital  
Survey for Ring Midden Features using Aerial Lidar Data
- 64-m Jenna Battillo, Karen Lupo, Jaime Mata-Miguez, Rick W.A. Smith and Deborah  
A. Bolnick—Botanical and aDNA Analysis of the Dietary Contents of Human  
Paleofeces from Turkey Pen Ruin, Utah
- 64-n Christopher Carr, Vernon Scarborough, Nicholas Dunning and Elizabeth  
Haussner—An Agricultural Risk Mitigation Strategy Using Multiple Water  
Sources, Chaco Canyon, New Mexico
- 64-o Karen Schollmeyer and Matthew A. Peeples—Population Changes and  
Intraregional Variability in the Mimbres Region of Southwest New Mexico, A.D.  
1000-1450

**[65] POSTER SESSION ■ SOUTHWESTERN ARCHAEOLOGY****Room:** Atlantic Hall B**Time:** 2:00 PM - 4:00 PM**Participants:**

- 65-a Warren Lail, Victoria Evans, Amanda Aragon and Joaquin Montoya—A Possible  
Mammoth Kill Site in Northeastern New Mexico



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- 65-b Samantha Fladd—A Room Remembered: Room Closure through Material Deposition at Homol'ovi I
- 65-c William Marquardt—Effects of Clay Shrinkage on Sex Estimation of Dermatoglyphic Impressions on Ceramics
- 65-d Chrissina Burke and Joshua Nowakowski—Dog Burials and Healed Cranial Lesions: Exploring the Human-Dog Bond in the American Southwest
- 65-e Heather Seltzer—An Iconic Rebellion: Exploring Spanish Impact on Pueblo Iconography
- 65-f Joshua Nowakowski and Chrissina Burke—Extreme Tooth Wear: Understanding Dog Diets in the American Southwest
- 65-g Bruce Huckell, Timothy Rowe, Leslie McFadden, Grant Meyer and Christopher Merriman—The Hartley Mammoth, North-Central New Mexico
- 65-h Andrew Brown, Lisa Nagaoka, Feifei Pan and Steve Wolverton—An Evaluation of Modeling Soil Moisture and Crop Growth at Fine Spatial Scales in the Mesa Verde Region, Southwestern Colorado
- 65-i Katherine Brewer—Tiles, Tourism, and Museums: Changes in Historic Ceramic Tiles in the Southwest since the Late 19th Century
- 65-j Brenton Willhite—When Should I Stop? Discerning the Minimum Number of Lithic Artifacts Required to Accurately Characterize Mode of Reduction
- 65-k Laura Ellyson, Timothy Kohler and R. Kyle Bocinsky—Evaluation of the Village Ecodynamics Hunting and Domestication Models
- 65-l Kellam Throgmorton—Estimating the Scale of Social Groups in the Ancient Southwest, A.D. 650-900
- 65-m Donelle Huffer—An Assessment of Archaeological Bison Remains in the American Southwest and the Wildlife Management Implications for the Grand Canyon National Park Bison Herd

**[66] POSTER SESSION ■ SOUTHWESN ARCHAEOLOGY II****Room:** Atlantic Hall B**Time:** 2:00 PM - 4:00 PM**Participants:**

- 66-a Mechell Frazier—Variations in Connectivity: Mapping Long-distance interaction in the Prehistoric U.S Southwest
- 66-b Samuel Duwe—The Emergence of Tewa Pueblo Society
- 66-c Kaitlyn Davis, Steven Copeland and Grant Coffey—Inter-Site Visibility in the Mesa Verde Area through Time
- 66-d Sarah Herr and J. Scott Wood—Recent Research on Western Apache Roasting Pits
- 66-e Kelly Swarts, Lewis Borck, Lynda Prim, Andrea Stanley and Edward Buckler—Partitioning Variance in Maize Landrace Flowering Time by Cultural Affiliation, Geography, and Genetic Relatedness
- 66-f Wade Campbell—A Petrographic Analysis of Jemez Black-on-white Pottery from Five Classic Period Sites in the Jemez Province, New Mexico (c. 1350-1700 AD)
- 66-g Caitlin Wichlacz—Assemblage Perspectives on Salado Polychrome
- 66-h Emma Britton—Results of Petrographic and NAA of Ramos and Babicora Polychromes from Across the Casas Grandes Region
- 66-i Mara Smith—A Descriptive Analysis of Animal Paleopathology from the Archaeological Site of Salmon Ruins
- 66-j F. Scott Worman, Anastasia Steffen and William Wedenoja—Field Schools as Public and Applied Archaeology
- 66-k Paula Herftfelder—A Spatial and Predictive Model for Archaeological Sites in the Lincoln National Forest, New Mexico
- 66-l Andrew Krug, Kyle Waller and Christine VanPool—Isotopic Approaches to

Thursday Afternoon, April 7

- Animas Phase Marine Shell Exchange
- 66-m R. Stanley Kerr, Hannah Mattson, Christina Chavez and Toni Goar—New Evidence for Early Ceramic Use in the Middle Rio Grande Valley
- 66-n Scott Van Keuren, Jeffrey Ferguson and Mary Ownby—Tracing the Production of Fourteenth-century Red Ware in East-central Arizona

**[67] POSTER SESSION ■ GENERAL SOUTHWEST II****Room:** Atlantic Hall B**Time:** 2:00 PM - 4:00 PM**Participants:**

- 67-a Trevor Lea, Danielle Soza, Candice Disque and Kevin Conti—Modernizing Empirical Data in Alkali Ridge, Southeastern Utah
- 67-b Christine VanPool, MacLaren Law-de-Lauriston, Heidi Noneman and Andrew Fernandez—Booze or Food? Experimental Archaeology of Low-Fired Pottery to Examine Tribochemical Processes
- 67-c Todd Van Pool, Christine VanPool and Lauren Downs—Dressing the Casas Grandes Person: Medio Period Clothing and Ritual
- 67-d Risa Arbolino and Kit Nelson—Archaeology Girls: Mentoring of Women in Archaeology and the 1960s Girl Scout Archaeological Unit
- 67-e Samantha Linford—The Conceptual Metaphor Expanded: A Visual Study of Whole Vessels in the Mesa Verde Region
- 67-f Lisa Sparks—Construction of a Mule Deer General Utility Index
- 67-g Jonathan Paige—Cultural Transmission and Lithic Technologies, a Case Study in the Late Prehistoric Tonto Basin
- 67-h Laura Steele—The Role of Rare Animals During the Pueblo IV Period: Evidence of Ritual at Sapa'owingeh (LA 306)
- 67-i Ismael Sanchez-Morales—The Clovis Lithic Component of Fin del Mundo, Sonora, Mexico.
- 67-j Kelsey Reese—From the Empirical to the Conjectural: Using Spatial Analysis to Determine Population Settlement Patterns on the Uncharted Mesa Verde Landform

**[68] POSTER SESSION ■ ARCHAEOLOGY OF THE VIRGIN BRANCH PUEBLOAN CULTURE****Room:** Atlantic Hall B**Time:** 2:00 PM - 4:00 PM**Chairs:** Karen Harry and William Willis**Participants:**

- 68-a Benjamin Van Alstyne—Understanding the Architecture of the Virgin Branch Ancestral Puebloan Using a Digital 3D Model-Based Process
- 68-b Brenna Wilkerson—The Proof is in the Pots: Residue Analysis of Virgin Branch Puebloan Ceramics
- 68-c William Willis—Not Just any Stones: Virgin Branch Puebloan Sandstone Artifact Distribution on the Southern Shivwits Plateau
- 68-d Shannon Horton and Karen Harry—A Comparison of Ceramic Function between the Virgin Branch and Kayenta Ancestral Puebloan Cultures

**[69] SYMPOSIUM ■ FROM DIRT TO BEHAVIOR: PAPERS IN HONOR OF DAVID B. MADSEN****Room:** Southern Hemisphere Salon 3**Time:** 2:00 PM - 4:15 PM**Chair:** Dave Schmitt

Thursday Afternoon, April 7**Participants:**

- 2:00 Dave Schmitt—From Dirt to Behavior: An Introduction
- 2:15 P. Jeffrey Brantingham and Charles Perreault—Where Is the Evidence for Selection?
- 2:30 Christopher Kiahtipes—Complexes, Colonizations, and Climates: Paleoenvironmental Perspectives on Human Biogeography
- 2:45 Karen Lupo—Just How Depressed were the Fremont?
- 3:00 Bryan Hockett and Evan Pellegrini—Continuing the Search for Pre-Clovis Aged Cutmarked Bones in the Great Basin: Recent Results
- 3:15 B. Sunday Eiselt and Patrick Livingood—Gear Selectivity and Mass Harvested Minnows: Evidence from the Northern Great Basin
- 3:30 J. M. Adovasio, Tom Dillehay and J. S. Illingworth—Another F-----g Basket Baper: Decorated Specimens from Huaca Prieta, Peru
- 3:45 Joshua Keene and Ted Goebel—The Bonneville Basin and Snake River Plain Connection: Early Archaic Lithic Technology, Geochronology, and Obsidian Procurement at Bonneville Estates and Veratic Rockshelters
- 4:00 David Madsen—Discussant

**[70] SYMPOSIUM ■ BREAKING BOUNDARIES: EXPLORING COLONIALISM IN THE MODERN WORLD AND BEYOND**

**Room:** Asia 5

**Time:** 2:00 PM - 4:30 PM

**Chairs:** Amelie Allard and Sean Devlin

**Participants:**

- 2:00 Erin Crowley—Beyond Romanization and Colonialism: Roman Influences in Ireland
- 2:15 Eric Harkleroad—Colonizing Yourself: The British Colonization of Britain
- 2:30 Brooke Creager—Colonization or Migration? Applying Colonial Theory to Post-Roman Britain
- 2:45 Jennifer Immich—Castles and Colonialism: Exploring Meaning in Historic Irish Archaeology
- 3:00 Ivy Faulkner—Why Classics Needs Anthropology
- 3:15 Sean Devlin—The Value of Colonialism as a Model for Anglo-Caribbean Material Practices at Emancipation
- 3:30 Marianne Sallum and Plácido Cali—Colonial Process in the Portuguese America: Tupi Settlement at the Brazilian Southern Shore
- 3:45 Amelie Allard—The Eighteenth-century Fur Trade: A Colonial Endeavor?
- 4:00 Allison Carlton—A Theory on Cultural Inversion: Resistance, Resilience and Agency within the Archaeology Of Colonialism
- 4:15 Katherine Hayes—Discussant

**[71] SYMPOSIUM ■ ASSESSING OUTCOMES IN PUBLIC ARCHAEOLOGY: IMPERATIVES, PERILS, AND FRAMEWORKS**

*(Sponsored by Public archaeology Interest Group)*

**Room:** Australia 2

**Time:** 2:00 PM - 4:45 PM

**Chair:** Katharine Ellenberger

**Participants:**

- 2:00 Katharine Ellenberger and Lorna-Jane Richardson—Satisfying and Reflecting on the Urge to Evaluate in Public Archaeology
- 2:15 Adrienne Daggett and Erica Dziedzic—Dig the Past: Evaluating a Campus-Based Public Archaeology Program

Thursday Afternoon, April 7

- 2:30 Veysel Apaydin—Effective or not? Success or Failure? Assessing Archaeological Education Programs – The Case of Çatalhöyük
- 2:45 Anabel Ford—Archaeological Commitment to Participation: Discovering the Local to International El Pilar Community
- 3:00 Maureen Malloy, Crystal Alegria, Robert Connolly and Giovanna Peebles — Diggers Evaluating Diggers: A Collaboration between SAA and the National Geographic Channel
- 3:15 Katherine Shakour—Why We Need to Succeed: Assessing the Outcomes of Community Archaeology Practices in County Galway, Ireland
- 3:30 Jeanne Moe—Archaeology Education for Children: Measuring Success and Avoiding Pitfalls
- 3:45 Sukanya Sharma—The People, the Megaliths, and the Changing Times in Cherrapunjee
- 4:00 Hanna Marie Pageau—Archaeology and Experiential Learning: The Unique Impact of Learning Experientially for the Field Sciences
- 4:15 Peter Gould—On the Case: Methodology in Public Archaeology
- 4:30 John Lowe—Discussant

**[72] SYMPOSIUM ■ HUMAN-ENVIRONMENTAL INTERACTIONS IN THE MEDITERRANEAN BASIN**

**Room:** Northern Hemisphere Salon A4

**Time:** 2:30 PM - 5:00 PM

**Chairs:** Grant Snitker and Sean Bergin

**Participants:**

- 2:30 Claudine Gravel-Miguel—Analyzing Magdalenian Social Networks in Their Environmental Context
- 2:45 Dario Guiducci—Reading the Landscape: A Model Of Environmental Legibility For Assessing Hominid Dispersals During The Late Pleistocene
- 3:00 Nicolas Gauthier—Agricultural Risk Management in Mediterranean Environments: A Computational Modeling Approach
- 3:15 Isaac Ullah—Traces of Complexity: Connecting Model Output with Archaeological Reality
- 3:30 Sean Bergin—Neolithic Spread Models, Agricultural Islands and Pivotal Parameters: Impressions Gleaned from Simulating the Spread of Agriculture in the West Mediterranean
- 3:45 Grant Snitker—Fire, Humans, and Landscape Evolution: Modeling Anthropogenic Fire and Neolithic Landscapes in the Western Mediterranean
- 4:00 Sergi Lozano, Luce Prignano, Magdalena Gómez-Puche and Javier Fernández-López de Pablo—Early Holocene Socio-Ecological Dynamics in the Iberian Peninsula: A Network Approach
- 4:15 Wendy Cegielski—Networks of Social Stability in the Mediterranean Bronze Age
- 4:30 Javier Fernandez-Lopez De Pablo—Discussant
- 4:45 John Robb—Discussant

**[73] FORUM ■ MARS FORUM - ADAPTING TO THE FUTURE: THE CHANGING ROLE OF CULTURAL RESOURCE MANAGEMENT IN THE MILITARY**

*(Sponsored by Military Archaeology Resources Sub Group)*

**Room:** Oceanic 4

**Time:** 3:00 PM - 5:00 PM

**Moderators:** Jake Fruhlinger and James Wilde

**Participants:**

Heather Puckett—Discussant  
 Mari Pritchard-parker—Discussant  
 Shaun Nelson—Discussant  
 Rita McCarty—Discussant  
 Regina Meyer—Discussant

**[74] SYMPOSIUM ■ "LET'S TALK ABOUT [COLLAPSE], BABY": EXPLORATIONS IN THE ARCHAEOLOGY OF SOCIETAL COLLAPSE**

**Room:** Oceanic 1

**Time:** 3:00 PM - 5:00 PM

**Chairs:** Sarah E. Adcock and Adam Schneider

**Participants:**

- 3:00 Miriam Stark, David Brotherson, Damian Evans and Martin Polkinghorne—  
 Angkorian Collapse and Aftermath: A View from the Center
- 3:15 Adam Schneider—A Tale of Two Cities: The Role of Cultural Factors in  
 Determining Resilience to Climate Change
- 3:30 Sarah E. Adcock—Exploring the Collapse of the Hittite Empire as a Social  
 Phenomenon
- 3:45 John Kelly—Contextualizing Cahokia's Collapse
- 4:00 Nicola Sharratt—Resilience, Incursion, Incorporation: A Multi-Scalar Approach to  
 the Temporality of Collapse in the South-Central Andes
- 4:15 Stephanie Selover—The Rise of Fortification Systems in Anatolia at the Collapse  
 of the Early Bronze Age
- 4:30 Andrew Somerville and Jose Luis Punzo Díaz—Escaping Collapse in Northwest  
 Mexico: Social and Environmental Factors of Resiliency at La Ferrería, Durango,  
 Mexico
- 4:45 Paul Goldstein—Discussant

**[75] SYMPOSIUM ■ BIG ROLES FOR SMALLHOLDERS IN COMPLEX SOCIETIES**

**Room:** Oceanic 7

**Time:** 3:00 PM - 5:00 PM

**Chair:** Max Price

**Participants:**

- 3:00 Max Price—Introduction to Smallholders and Complex Society, with a Note on  
 Pigs and Mesopotamia
- 3:15 T. L. Thurston—A question of place: economies and intimacies in early  
 Sweden's smallest upland communities
- 3:30 Lisa Overholtzer—Producing an Empire: Household Production and Market  
 Expansion at Postclassic and Colonial Xaltocan, Mexico
- 3:45 Lynda Carroll—Smallholders, Settlements, and the Reimagined State: How New  
 Grammars of Modernity Impacted Land and Labor in the Late Ottoman Empire
- 4:00 Sarah MacIntosh, Levent Atici and Sachihito Omura—The Relationships  
 between Smallholders, their Textiles, and their Bone Tools: a Case Study at the  
 Central Anatolian site of Kaman-Kalehöyük
- 4:15 Ari Caramanica—Upward Mobility Among Smallholders of the Desert North  
 Coast of Peru
- 4:30 Jennifer Kahn—Smallholders, Social Practices, and the Advent of Inequality: A  
 Case Study from the Society Island Chiefdoms (East Polynesia)
- 4:45 Miriam Muller—Discussant

**[76] GENERAL SESSION ■ CHILEAN ARCHAEOLOGY****Room:** Asia 3**Time:** 3:15 PM - 4:15 PM**Chair:** Laura Olguin**Participants:**

- 3:15 Rodrigo Retamal, Aryel Pacheco, Francisca Santana-Sagredo, Samantha Cox and Jorge Pinares—Punishment or Surgical Procedure?: Intentional Amputation in a Late Intermediate Period (1000-1450 AD ) Individual from Pica 8 Cemetery (Northern Chile)
- 3:30 Laura Olguin, Carola Flores, Sandra Rebolledo and Diego Salazar—Date and Context of Early Mussel Shell Fishhooks (*Choromytilus chorus*) from the Southern Coast of the Atacama Desert, Taltal, Chile
- 3:45 Francisca Santana Sagredo, Rick Schulting, Julia Lee-Thorp, Carolina Agüero and Mauricio Uribe—Paired Radiocarbon Dating on Bioanthropological and Textile Samples from the Pica 8 Cemetery (Atacama Desert, northern Chile)
- 4:00 Benjamín Ballester, Estefanía Vidal and Francisco Gallardo—Architecture and Monuments as Territorial Markers among the Hunter-Gatherers of the Pacific Coast, Atacama Desert (Northern Chile)

**[77] GENERAL SESSION ■ MAYA RITUAL****Room:** Northern Hemisphere Salon E3**Time:** 3:30 PM - 5:00 PM**Chair:** Zachary Nissen**Participants:**

- 3:30 Zachary Nissen—Cosmic Vision: Queering Ancient Maya Scared Landscapes
- 3:45 Jeffrey Vadala—Reconsidering Hierarchy, Caching, and Architectural Practices at Cerros Belize
- 4:00 Whitney Lytle—Changes in Ritual Practice: A Diachronic Example from Xunantunich, Group D
- 4:15 Lauren Herckis—Marine Fossils and Domestic Ritual in Maya Commoner Households: Two Neighborhoods in the Classic Maya City of Palenque
- 4:30 Ryan Collins—Commemoration or Termination? Evaluating Early Public Ritual in Yaxuná, Yucatan, Mexico through Ethnography and Ethnohistory
- 4:45 Anastasia Kotsoglou—Functional Flesh: A Consideration of Bodily Loci in Classic Maya Bloodletting Practices

**[78] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY IN THE SOUTHWEST****Room:** Northern Hemisphere Salon E2**Time:** 3:45 PM - 4:30 PM

Thursday Evening, April 7

**Chair:** Emiliano Gallaga

**Participants:**

- 3:45 Emiliano Gallaga, Victor Ortega and Tobias García—The Petrographs of Janos, Chihuahua and its Archaic Community
- 4:00 Kristi Miller Nichols, Clint Laffere, Laurie M. Steves and Richard A. Sample—The Use of 3-D GPR as an Aid in the Rediscovery of Spanish Colonial Acequias in San Antonio, Texas
- 4:15 Nicholas Laluk, Larry Ludwig, Dan McGrew and Chris Adams—Searching for Cochise: The 2015 Archaeological Survey for an Apache Campsite Associated with the Bascom Affair

**[79] GENERAL SESSION ■ CROSSROADS: CONNECTIONS AND ARCHAEOLOGY OF ANATOLIA**

**Room:** Southern Hemisphere Salon 5

**Time:** 3:45 PM - 5:00 PM

**Chair:** Richard Redding

**Participants:**

- 3:45 Allison Mickel—Edges of Teamwork in Archaeology: Network Approaches to Excavation Histories
- 4:00 Ralf Vandam, Peter Tomkins, Bert Neyt, Becki Scott and Patrick Degryse—Investigating the Late Prehistoric (6500-2400 BC) socio-economic landscapes in the Burdur Plain, SW Turkey
- 4:15 Richard Redding—A Model of Body Part Representation in Archaeozoological Samples
- 4:30 Joseph Lehner—Cooperation, Craft Economy, and Metal Technology during the Bronze and Iron Ages in Central Anatolia
- 4:45 Peri Johnson and Müge Durusu Tanrıöver—Hittite and Achaemenid Imperialisms in West Central Turkey

**[80] GENERAL SESSION ■ EUROPEAN ZOOARCHAEOLOGY**

**Room:** Oceanic 5

**Time:** 4:00 PM - 5:00 PM

**Chair:** John Gorczyk

**Participants:**

- 4:00 John Gorczyk—Key Human-Animal Interactions in Neolithic Southeastern Europe: New Faunal Evidence from Bulgaria
- 4:15 Victoria Moses and Ugo Fusco—From Iron Age Settlement to Etruscan Urban Sanctuary: Zooarchaeological Analysis at Veii (Campetti-Southwest Excavation)
- 4:30 Anna Goldfield, Ross Booton and Teresa Steele—Cost Thresholds and Differential Resource Exploitation Behavior during the Middle and Upper Paleolithic in Southwest France
- 4:45 Katharine Napora, James Bonsall and Stuart Rathbone—Geoarchaeology of a Dunefield Shell Midden Site in County Sligo, Ireland

**Thursday Evening ■ April 7, 2016**

**[81] GENERAL SESSION ■ ARCHAEOOMETRY AND ARTIFACT ANALYSIS IN EUROPEAN ARCHAEOLOGY**

**Room:** Asia 3

**Time:** 6:00 PM - 7:00 PM

**Chair:** Robert Tykot

**Participants:**

- 6:00 Barbara Voytek—Romancing the Stones: Analyses of the Chipped Stone from the Tisza Culture Site of Hódmezővásárhely-Gorzsa, Hungary
- 6:15 Andrea Vianello—The introduction of metallurgy in Sicily: Preliminary Data Using a pXRF
- 6:30 Robert Tykot and Andrea Vianello—Island Obsidian Distribution and Socioeconomic Patterns in Prehistoric Sicily and the South-Central Mediterranean
- 6:45 Jessica Bernstetter, Michael Kolb and William Balco, Jr.—Uncovering the Local Economy: A Ceramic Analysis of Exotic and Local Amphorae at Salemi, Sicily

**[82] GENERAL SESSION ■ WESTERN US HISTORICAL ARCHAEOLOGY**

**Room:** Asia 5

**Time:** 6:00 PM - 7:00 PM

**Chair:** Brandi Bethke

**Participants:**

- 6:00 Sarah Wolff—Food on Parade: The Use of Food to Create Social Identity and Differences within the Post-Civil War U.S. Army at Fort Laramie, Wyoming
- 6:15 Brandi Bethke—Dog Days to Horse Days: Evaluating the Rise of Nomadic Pastoralism among the Blackfoot
- 6:30 Elisabeth Rareshide—Tongva Ritual Practice on San Clemente Island: Reanalysis of Religious Dynamics during the Colonial Period
- 6:45 Glenn Farris—Indian Family Housing at Mission San Juan Bautista: Archaeology and Ethnohistory

**[83] GENERAL SESSION ■ SHIPWRECKS AND MARITIME ARCHAEOLOGY**

**Room:** Oceanic 3

**Time:** 6:00 PM - 7:00 PM

**Chair:** Melanie Damour

**Participants:**

- 6:00 Robert Neyland and Alexis Catsambis—2016 Navy Sunken Military Craft Act Regulations—32 CFR 767
- 6:15 Melanie Damour, Leila Hamdan, Jennifer Salerno, Robert Church and Daniel Warren—Gulf of Mexico Shipwreck Corrosion, Hydrocarbon Exposure, Microbiology, and Archaeology (GOM-SCHEMA) Project: Did the 2010 Deepwater Horizon Oil Spill Impact Historic Shipwrecks?
- 6:30 Gregory Cook—Updates on Current Investigations of the 1559 Luna Fleet
- 6:45 John Bratten—From Excavation to the Laboratory: A Multi-faceted Analysis of the Emanuel Point Shipwrecks

**[84] GENERAL SESSION ■ METHODS IN ZOOARCHAEOLOGY**

**Room:** Oceanic 5

**Time:** 6:00 PM - 7:00 PM

**Chair:** Meagan Dennison

**Participants:**

- 6:00 Krista McGrath, Keri Rowsell, Christian Gates St-Pierre and Matthew Collins—The Identification of Archaeological Bone through Non-Destructive ZooMS: The Example of Iroquoian Bone Projectile Points
- 6:15 Meagan Dennison, Mark Freeman and Jeffrey Navel—Digital Archive of



Thursday Evening, April 7

- Archaeological Dog Burial and Metric Data of the Americas
- 6:30 Kelsey Witt, Inge Lundstroem and Ripan Malhi—Mitogenome Sequencing of Ancient Dogs in the Americas: Assessing Dog Genetic Diversity and Population History
- 6:45 Michael Buckley—ZooMS Species Identification and Its Compatibility with Other Bioarchaeological Methods

**[85] GENERAL SESSION ■ MOBILITY, TECHNOLOGY, AND ENVIRONMENT IN PREHISTORIC NORTHEASTERN NORTH AMERICA**

**Room:** Northern Hemisphere Salon E1

**Time:** 6:00 PM - 7:30 PM

**Chair:** Jaclyn Nadeau

**Participants:**

- 6:00 Kenneth Holyoke, Susan Blair and M. Gabriel Hrynick—Hunter-Gatherer Watercraft During New Brunswick's Woodland Period: Social Implications
- 6:15 Jaclyn Nadeau—Reevaluating the Archaic/Woodland Transition in the Northeast
- 6:30 Steven Dorland—Practicing Informal Apprenticeship: a study of learning landscapes in 15th-16th century potting groups in upstate New York
- 6:45 Douglas Riethmuller—A Comparison of Sherd Paste and Clay Composition at the Ripley Site (Nysm 2490) Using X-Ray Fluorescence & X-Ray Diffraction
- 7:00 Alison Harris, Ana T. Duggan, Stephanie Marciniak, Hendrik Poinar and Vaughan Grimes—Stable Isotope Evidence for Precontact Amerindian Diet in Newfoundland, Canada
- 7:15 Lucy Gill and Dorothy Peteet—A Sediment Story: Anthropological and Environmental Continuity and Change along the Hudson River Estuary

**[86] GENERAL SESSION ■ MORTUARY STUDIES IN THE MESOAMERICAN WORLD**

**Room:** Asia 1

**Time:** 6:00 PM - 7:30 PM

**Chair:** Keitlyn Alcantara

**Participants:**

- 6:00 Kristin Hoffmeister and Lori Wright—The Origins and Identities of the Colha Skull Pit Skeletal Remains
- 6:15 Erin Patterson and Carolyn Freiwald—Mobility in the Central Maya Lowlands: Strontium, Oxygen, and Carbon Isotope Values from La Corona and El Perú-Waka'
- 6:30 Keitlyn Alcantara, Lane F. Fargher, Aurelio Lopez Corral, John K. Millhauser and Verence Y. Heredia Espinoza—Burial Distribution as a Reflection of Social Organization in Late Postclassic Tlaxcallan
- 6:45 Jennifer Lapp—The Human Burials of Conchal, Rivas, Nicaragua
- 7:00 Kerry Hull—The Smoking of Bones: An Ethnographic Examination of the Maya's Use of Tobacco and Tobacco Substitutes
- 7:15 T. Manahan and Emily O'Brien—Recovery and Conservation of a Classic Maya Shell Mosaic Human Trophy Skull from Xuenkal, Yucatan

**[87] GENERAL SESSION ■ CAUCASUS ARCHAEOLOGY**

**Room:** Asia 2

**Time:** 6:00 PM - 7:45 PM

**Chair:** Hilary Gopnik

**Participants:**

Thursday Evening, April 7

- 6:00 Nathaniel Erb-Satullo—Metal production on Late Bronze-Early Iron Age Fortified Hilltops in the South Caucasus, c. 1500-600 BC
- 6:15 Lucas Proctor and Hannah Lau—Reconstructing land-use and agropastoral production during the Middle Bronze Age of the Southern Caucasus: Preliminary results from Qızqala, Autonomous Republic of Naxçıvan, Azerbaijan
- 6:30 Hilary Gopnik—Grounded: A Late Bronze Age fortress on the Şerur Valley floor, Naxçıvan
- 6:45 Susannah Fishman—In the Orbit of Empires: Ceramics from Urartu to Rome
- 7:00 Reed Coil, Martha Tappen, Reid Ferring, Maia Bukhsianidze and David Lordkipanidze—Spatial patterning and site formation at Dmanisi, Georgia
- 7:15 Reid Ferring and Teona Shelia—Technological variability and Change in the Lithic Assemblages from M5 at Dmanisi, Republic of Georgia
- 7:30 Karim Alizadeh—Residential Segregation at Köhne Şahar, an Early Bronze Age Settlement in Iranian Azerbaijan

**[88] GENERAL SESSION ■ ANCIENT MAYA POLITICAL ORGANIZATION****Room:** Northern Hemisphere Salon A4**Time:** 6:00 PM - 7:45 PM**Chair:** Richard Paine**Participants:**

- 6:00 Tatiana Young—Terminal Classic Maya Political Organization from the Perspective of a Secondary Site Cochuah Region, Quintana Roo
- 6:15 Misha Miller-Sisson—Identity and the Maya Mid-level Elite as a Proxy for Political Change
- 6:30 David Chatelain—Political Dynamics in the Northwestern Petén from the Preclassic to the Classic: The View from La Cariba, Guatemala
- 6:45 Elizabeth Paris and Roberto López Bravo—Surviving the Maya Collapse: A View from Moxviquil, Chiapas, Mexico
- 7:00 Dragan Filipovich—A Simple Fiscal-Demographic Model of the Classic Maya Collapse
- 7:15 Joshua Freedline and Joanne Baron—La Florida/Namaan: Investigating a Loci of Politico-Economic Influence in the Classic Maya World
- 7:30 Richard Paine—A Demographic Perspective on Maya Collapses

**[89] FORUM ■ ACROSS THE ATLANTIC: PROFESSIONALISM IN ARCHAEOLOGY OVER HERE AND OVER THERE****Room:** Oceanic 2**Time:** 6:00 PM - 8:00 PM**Moderators:** Michael Polk and Peter Hinton**Participants:**

- Gerald Wait—Discussant
- Terry Klein—Discussant
- Peter Hinton—Discussant

**[90] POSTER SESSION ■ NORTH AMERICA - NORTHEAST****Room:** Atlantic Hall B**Time:** 6:00 PM - 8:00 PM**Participants:**

- 90-a Alyssa Hyziak—Life on the Conemaugh: Spatial Analysis of Artifact Densities of the Monongahela Tradition at the Johnston Site (36In2) in Southwestern

Thursday Evening, April 7

- Pennsylvania
- 90-b Ben Ford—The Lake Oneida Durham Boat: A Previously Unrecorded Vessel Type
- 90-c Albert Fulton and Catherine Yansa—Historic Native American Impacts on a Temperate Forested Ecosystem, Northeastern U.S.A.
- 90-d Taylor Napoleon, Alyssa Hyziak, Scott Rivas, Emily Falk and Ben Ford—Beyond Fort Walls: Geophysical and Archaeological Investigations of Fort Haldimand, Carleton Island, New York
- 90-e Jessica Watson and Jack Rossen—Tool Manufacture and Bone Breakage Patterns at a Haudenosaunee Site in New York
- 90-f Erin Strickland—Preliminary Results from Two Late Woodland Trash Pits from Block Island, Rhode Island
- 90-g Jordon Loucks—Drive the Spike and Dig the Ditch: Ethnicity, Racism, and the Economic Development of New York State
- 90-h Kasey Heiser—Ritual Apprenticeship? A Case Study from The Eastern Finger Lakes of New York State
- 90-i Katherine Harrington and Eve Dewan—Curricular Collaboration: Exploring Strategies for Sustainability in Educational Outreach in Providence, RI
- 90-j Theodore Roberts and Matthew Spigelman—Creating Space in New York City: Historic Landbuilding in Brooklyn
- 90-k Ani St. Amand, Dan Sandweiss and Alice Kelley—Impacts of Population Resettlement Due to Sea Level Rise on Archaeological Resources: A Case Study
- 90-l Ruth Troccoli and Mia Carey—Public Archaeology in the Nation's Capital: The Yarrow Mamout Project
- 90-m Sarah Striker and Linda Howie—Probing Provenance: Investigating the Geographic Origins of Pottery from the Mantle Site (ca. 1525 C.E.), Ontario, using Petrographic and microprobe Analyses

**[91] POSTER SESSION ■ CERAMICS OF THE INDIGENOUS CULTURES IN SOUTH AMERICA: STUDIES OF PRODUCTION AND EXCHANGE USING INAA**

**Room:** Atlantic Hall B

**Time:** 6:00 PM - 8:00 PM

**Chair:** Kevin Vaughn

**Participants:**

- 91-a Michael Glascock—A Database of Neutron Activation Analysis Characterizing Indigenous Ceramics from South America
- 91-b Martin Giesso, Andrés Laguens, Silvana Bertolino, Michael Glascock and Mathew Boulanger—NAA Analysis of Ambato Ceramics from the Southern Andes (Eastern Valleys of Catamarca and Tucuman, Argentina)
- 91-c James Davenport—Inka Craft and Ritual Production: Compositional Analysis of Ceramic Pastes and Pigments from the Temple of the Sun, Pachacamac
- 91-d Patrick Ryan Williams, Donna Nash, Anita Cook and William Isbell—Wari Ceramic Production in the Heartland and Provinces
- 91-e Emlen Myers, Hector Neff and Mike Glascock—Compositional Study of Pre-Hispanic Ceramics from Eastern Bolivia
- 91-f Nuria Sugrañes, María José Ots and Michael D. Glascock—Neutron Activation Analysis in Archaeological Pottery from Mendoza, Central Western Argentina
- 91-g Guillermo De La Fuente, Jeffrey Ferguson and Michael Glascock—Pottery Compositional Studies Through NAA and Petrography from Northwestern Argentina: A Case Study from Southern sector of Abaucán Valley (Catamarca)
- 91-h Christine Pink, Danielle Kurin and Matthew Boulanger—Elemental Analysis of Chanka Pottery from Wari-era and Post-collapse Settlements using Instrumental

Thursday Evening, April 7

- 91-i Neutron Activation Analysis  
Kevin Vaughn and Marcela Poirier—Production and Pilgrimage: Summarizing a Decade of INAA in the Southern Nasca Region

**[92] POSTER SESSION ■ TEXTILE TECHNOLOGIES OF PREHISPANIC MESOAMERICA AND THE ANDES**

**Room:** Atlantic Hall B

**Time:** 6:00 PM - 8:00 PM

**Chairs:** Samantha Seyler and Holly Neville

**Participants:**

- 92-a Hans Barnard and Ran Boytner—The Development of Andean Textile Dying Technology
- 92-b Kristin Buhrow and Melissa Vogel—Gender, Class and Textile Production: An Analysis of Casma Spindle Whorls from El Purgatorio, Peru
- 92-c Samantha Seyler and Beth Koontz Scaffidi—A Technical Attribute Analysis of Textile Band Production at Uraca, Peru
- 92-d Amy Szumilewicz—Sicán Painted Textiles: Producer's and Multi-Craft Perspectives
- 92-e Mallory Fenn, Gabrielle Vail, Gail Fish and Vail—Beyond the Utilitarian: Spindle Whorls from Burials and Caches in the Maya Area
- 92-f Holly Neville and Tiffany Birakis—3D Digitization of Spindle Whorls from Pre-Contact Central Mexico
- 92-g Carrie Todd and Gabrielle Vail—Weaving Technologies and Textile Production: A Case Study from the Northern Maya Lowlands

**[93] POSTER SESSION ■ RECENT ADVANCES IN THE ARCHAEOLOGY OF THE THREE RIVERS REGION OF THE CENTRAL MAYA LOWLANDS**

**Room:** Atlantic Hall B

**Time:** 6:00 PM - 8:00 PM

**Chairs:** Melanie Saldana and Ann Scott

**Participants:**

- 93-a Ann Scott and Melanie Saldana—Cave 1 at the Site of at the Site of Chawak But'o'ob: An Interpretation of Subterranean Space in Northern Belize
- 93-b Sharon Hankins, Yarely Meza and Cristina Gonzales—Experimental Ceramic Technology Studies: Programme for Belize Archaeology Project
- 93-c Lauren Copeland, Jocelyn Acosta and Marilyn Bueno—An Analysis of Ceramic Function from the Sacred Landscape Archaeological Project, La Milpa, Belize
- 93-d Nicholas Poister, Errol Mathias, Mario Mena and James Brady—Seeking Molecular Evidence of the Ritual Function of Unslipped and Monochrome Slipped Ceramic Types at Naj Tunich, Guatemala
- 93-e Richard Nicolas—The Role of Lithic Artifacts in the Interpretation of RB-25-A5
- 93-f Joseph Orozco, Michael D. Glascock, Ph.D and Cinthia Campos—Ritualized Shatter: Obsidian in a Ritual Context at La Milpa, Belize
- 93-g Caius Chickanis and Monica Brisenó—Developing a New Methodology for Sourcing Calcite and Quartz Crystals
- 93-h Heriberto Marquez, Cristina Verdugo, Hector Neff and James Brady—Exploring the Use of Red Ochre at Midnight Terror Cave, Belize
- 93-i Michael Prout—Subadult Human Sacrifices in Midnight Terror Cave
- 93-j Krystle Kelley and David M. Hyde—A Contextual Analysis of Special Finds from the Medicinal Trail site in Northwestern Belize
- 93-k David M. Hyde and Nadine Gray—Form and Function of a Dual-Chambered Chultun at the Medicinal Trail Community, Northwestern Belize

Thursday Evening, April 7

- 93-l Rissa Trachman—Investigations at the Site of Dos Hombres and its Hinterlands: A Multiscale Perspective of Ongoing Investigations

**[94] POSTER SESSION ■ ARCHAEOLOGICAL ANALYSIS USING BINFORD'S ENVIRONMENTAL AND ETHNOGRAPHIC FRAMES OF REFERENCE**

**Room:** Atlantic Hall B

**Time:** 6:00 PM - 8:00 PM

**Chair:** Amber Johnson

**Participants:**

- 94-a Sarah Lamkin, Kayleigh Mrasek and Luke Edwards—How to Build an Input File for Binford's Frames of Reference from Existing Data Sources
- 94-b Elizabeth Pintar, Amber Johnson and Sarah Lamkin—Using Binford's Frames of Reference to Model Hunter-Gatherer Mobility and Group Size in the Andean Puna
- 94-c Florencia Rizzo, Sabrina Leonardt, Amber Johnson and Vivian Scheinsohn—Applying environmental and ethnographic frames of reference Northwestern Patagonia, Argentina
- 94-d Rafael Goni—Extensification in Archaeology
- 94-e Robert Hitchcock, Amber Johnson and Luke Edwards—Macroecological Analysis of Recent Kalahari Site Structure
- 94-f Theodore Marks, Grant McCall, Andrew Schroll and James Enloe—Applying Frames of Reference: The CLIMAP Dataset and the Middle to Later Stone Age Transition in the Namib Desert
- 94-g Adolfo Gil, Gustavo Neme, Amber Johnson, David Zeanah and Robert Elston—Human Response to Environmental Change during the Early/Mid Holocene in Central Western Argentina: Frame of Reference in Comparative Perspective
- 94-h David Zeanah, Robert Elston, Adolfo Gil, Gustavo Neme and Amber Johnson—Human Response to Environmental Change during the Early/Mid Holocene in the Great Basin: Frame of Reference in Comparative Perspective
- 94-i LuAnn Wandsnider and Matthew Douglass—Human Use of the Sand Hills (Central Plains, North America) during the Peri-Medieval Warm Period: Expectations and Preliminary Observations

**[95] SYMPOSIUM ■ 'CALIBRATING' PALAEOCLIMATOLOGY-INFORMED RESEARCH IN OLD WORLD ARCHAEOLOGY: DATA, METHODS AND THEORIES**

**Room:** Northern Hemisphere Salon A3

**Time:** 6:00 PM - 8:00 PM

**Chairs:** Peter Biehl and Detlef Gronenborn

**Participants:**

- 6:00 Bulent Arikan—Macrophysical Climate Model and Comparisons with the Proxy-Based Paleoclimate Reconstruction in Central Anatolian Plain between 14000 and 7000 cal. BP
- 6:15 Mara Weinelt, Christian Schwab, Jutta Kneisel and Martin Hinz—Climate Change and Societal Change in the Western Mediterranean area 4.2 ka BP
- 6:30 Thomas Harper—Population Dynamics and the 5.9 Ka Event: A Methodology for Relating Climate Change and Demography in Eneolithic Romania, Moldova, and Ukraine
- 6:45 Ian Armit, Graeme Swindles, Katharina Becker, Gill Plunkett and Maarten Blaauw—Rapid Climate Change and Demographic Decline at the End of the Irish Bronze Age
- 7:00 C. Michael Barton—Discussant
- 7:15 Detlef Gronenborn, Hans-Christoph Strien, Christian Lohr and Johanna Ritter—

Thursday Evening, April 7

Adaptive Cycles and Resilience as Explanatory Templates for the Formulation of Coupled Climate-Culture Models

7:30 Patrick Willett, Peter Biehl and Ralf Vandam—Exploring the Late Prehistoric (8000-2400 BC) Human-Environment Interaction in the Western Taurus Mountains, SW Turkey

7:45 Paul Adderley, James Woollett, Guðrún Gísladóttir and Uggi Ævarsson—Increasing the Resolution from Climate Change to Weather Events: Understanding Past Land-Use Management on the Svalbarð Estate, North East Iceland

**[96] SYMPOSIUM ■ RECONSTRUCTING RESOURCE AVAILABILITY, USE, AND MANAGEMENT AT NAACHTUN (GUATEMALA), A REGIONAL MAYA CENTER OF THE CLASSIC PERIOD**

**Room:** Northern Hemisphere Salon E3

**Time:** 6:00 PM - 8:00 PM

**Chair:** Lydie Dussol

**Participants:**

6:00 Philippe Nondédéo, Cyril Castanet, Louise Purdue, Eva Lemonnier and Dominique Michelet—Introduction to Research at Naachtun: Archaeological and Paleoenvironmental Issues

6:15 Julien Hiquet, Eva Lemonnier and Julio Cotom—Time and Space at Naachtun: The Chronological Sequence, Settlement, and Land Use Patterns

6:30 Castanet Cyril, Purdue Louise, Lemonnier Eva, Nondédéo Philippe and Testé Marc—Environmental and Socio-Environmental Dynamics in the Subtropical Maya Lowlands: Hydrosystems and Agrosystems of the Wetlands (bajos) around Naachtun

6:45 Louise Purdue, Cyril Castanet, Lydie Dussol, Eva Lemonnier and Aline Garnier—Where and How did the Maya Practice Agriculture in the Classic Period City of Naachtun, Guatemala?

7:00 Mylène Bourdely—Animal Resource Use and Management by Naachtun's Elite

7:15 Lydie Dussol and Michelle Elliott—Charcoal Analysis to Reconstruct the Ancient Wood Economy of Naachtun

7:30 David Lentz—Discussant

7:45 Nicholas Dunning—Discussant

**[97] SYMPOSIUM ■ THE RISE, SPREAD, AND DOMINION OF HUMAN INSTITUTIONS**

**Room:** Southern Hemisphere Salon 3

**Time:** 6:00 PM - 8:00 PM

**Chair:** Alexander Martin

**Participants:**

6:00 Robyn Cutright—The Politics of Identity and Affiliation in a Middle Jequetepeque Valley Community

6:15 Florencio Delgado Espinoza—Crafting and Ordering the Sacred Space: Landscape, Religion and Political Organization of the Manteño Society of Coastal Ecuador

6:30 Alexander Martin and Felipe Sol—Preliminary Results from “the Role of Religious Institutions in Pre-Columbian America Data Analysis Project”

6:45 Scott Palumbo and Laura Brodie—Mortuary Theatrics and Chiefly Power in Panama and Costa Rica

7:00 Giancarlo Marcone—The Andean Road a Long Trajectory of a Social Institution

7:15 Francisco Romano, Sergio Castro and Sergio González—Regional Demographics: Growth, Mobility and Development in the Ancient Populations of Cundinamarca and Boyacá Regions, Colombia, South America.

Thursday Evening, April 7

- 7:30 Sebastian Fajardo Bernal—Prehispanic Settlement Patterns of the Sogamoso Valley  
 7:45 Questions and Answers

**[98] GENERAL SESSION ■ SOUTHEASTERN ARCHAEOLOGY****Room:** Southern Hemisphere Salon 4**Time:** 6:00 PM - 8:00 PM**Chair:** Keith Stephenson**Participants:**

- 6:00 Paul Eubanks—Caddo Salt Production in Northwestern Louisiana  
 6:15 Natalie Mueller—Seeds as Artifacts: Investigating the Spread of Agroecological Knowledge in Eastern North America, c. 1000 BCE-1300CE  
 6:30 Jacob Lulewicz—A Bayesian Radiocarbon Chronology for Southern Appalachia, A.D. 700-1400  
 6:45 Keith Stephenson and Karen Smith—Regional Analysis of the Middle Woodland Deptford Period on the South Atlantic Slope  
 7:00 Tiffany Raymond—Comparing Prehistoric Freshwater Mussel Shell Ring Site Locations in the Mississippi Yazoo Basin with Other Archaeological Site Types Using a Modern Flood Model  
 7:15 Steven Meredith and Daniel Turner—Mossy Bluff, an Early Alabama Site in Northeast Alabama  
 7:30 Bobi Deere—Following the Shell: Pxr Analysis on Engraved Busycon Whelk from Spiro and Cahokia  
 7:45 Alexander Craib, Martin P. Walker, David G. Anderson, Derek Anderson and Stephen Yerka—Uncovered Features: A Spatial Analysis of Late Woodland to Historic Activity Areas at the Topper Site (38AL23)

**[99] SYMPOSIUM ■ ANDEAN ONTOLOGIES: NEW PERSPECTIVES FROM ARCHAEOLOGY, ETHNOHISTORY AND BIOARCHAEOLOGY****Room:** Southern Hemisphere Salon 2**Time:** 6:00 PM - 8:45 PM**Chairs:** Maria Lozada and Henry Tantaleán**Participants:**

- 6:00 Henry Tantaleán—Andean Ontologies: An Introduction to the Substance  
 6:15 Matthew Sayre and Nicco La Mattina—Analogist Ontology at Chavín de Huántar  
 6:30 Maria Lozada—Indigenous Anatomies  
 6:45 Luis Muro and Elsa Tomasto Cagigao—Ontologías Corpóreas: Transfiguración, ancestralización y "muerte" en el mundo Moche  
 7:00 Giles Spence-Morrow, Edward Swenson and Aleksa Alaica—Putting the Body in its Place: The Intersection of Spatial and Corporal Ontologies at the Late Moche Site of Huaca Colorada, Peru  
 7:15 Mary Glowacki—The Head as the Seat of the Soul: A Medium for Spiritual Reciprocity in the Early Andes  
 7:30 Andres Laguens and Benjamin Alberti—Towards a Situated Ontology of Bodies and Landscapes in the Archaeology of the Southern Andes (First Millennium AD Northwest Argentina)  
 7:45 Bruce Mannheim—Ontological Foundations of Inka Archaeology  
 8:00 Tamara Bray—Partnering with Pots: The Work of Materials in the Imperial Inca Project  
 8:15 Carolyn Dean—Intersubjectivity in Inka Visual Culture  
 8:30 Zachary Chase and Zach Chase—Reconstructing Andean Pasts: Archaeology, Biology, or Ethnohistory? All of the Above, Please

**[100] SYMPOSIUM ■ THE ENVIRONMENTAL LEGACIES OF COLONIALISM IN THE NEOTROPICS**  
*(Sponsored by Geoarchaeology Interest Group)*

**Room:** Northern Hemisphere Salon E4

**Time:** 6:00 PM - 8:45 PM

**Chairs:** Diane Wallman and E. Christian Wells

**Participants:**

- 6:00 E. Christian Wells—Discussant
- 6:15 Sarah Oas and Mark Hauser—The Political Ecology of Plantations from the Ground Up
- 6:30 Diane Wallman—Histories and Trajectories of Socio-Ecological Landscapes in the Lesser Antilles: Implications of Colonial Period Zooarchaeological Research
- 6:45 E. Christian Wells, Georgia L. Fox, Peter E. Siegel, Nicholas P. Dunning and Reginald Murphy—The Landscape Legacies of Plantation Agriculture in the Caribbean: An Historical-Ecological Perspective from Betty's Hope, Antigua
- 7:00 Allison Bain, Sophia Perdikaris, Rebecca Boger, Amy Potter and Reginald Murphy—Provisioning Antigua and Beyond: How Herding and Farming Transformed Barbuda, West Indies
- 7:15 Sophia Perdikaris, Allison Bain, Sandrine Grouard, Naomi Sykes and Stephan Noel—One Island, Two Stories: Tradition, Ritual and Identity in Barbuda, West Indies
- 7:30 Konrad Antczak and Miguel Lentino—"Cultivating" Salt: Human Ecology of the Salt pans of the Venezuelan Caribbean, 16th–19th Century
- 7:45 Blanca Maldonado—The Environmental Dynamics of Colonial Mining and Metallurgy in the Bishopric of Michoacan, 1522 to 1810
- 8:00 Rani Alexander and Héctor Hernández Álvarez—Household Ecology and the Legacy of the Secondary Products Revolution in Yucatán
- 8:15 Carolyn Freiwald and Timothy Pugh—Strontium Isotope Values for Early Colonial Cows at San Bernabe, A Spanish Mission in the Peten Lakes Region of Guatemala
- 8:30 Isabel Rivera-Collazo—Discussant

**[101] SYMPOSIUM ■ CONNECTIONS AND COMPLEXITY: SHIFTING PERSPECTIVES AND CURRENT RESEARCH IN WESTERN MESOAMERICA**

**Room:** Southern Hemisphere Salon 5

**Time:** 6:00 PM - 8:45 PM

**Chairs:** Joshua Englehardt and Verence Heredia Espinoza

**Participants:**

- 6:00 Christopher Beekman—The Early Chronological Sequence at Los Guachimontones-Loma Alta, Jalisco
- 6:15 Kimberly Sumano and Joshua Englehardt—Architectural Discourse and Sociocultural Structure at Los Guachimontones, Jalisco
- 6:30 Verence Heredia Espinoza—What the "Teuchitlan Tradition" is, and What the "Teuchitlan Tradition" is Not
- 6:45 Sean Smith Marquez—Cultural Dynamics and Influences in Jalisco's Central Plateau during the Late Classic-Epiclassic Period: The Case of El Palacio de Ocomo
- 7:00 David Muñoz and Kimberly Sumano—The Construction of Prehispanic Landscapes in the Santiago Bayacora Basin, Durango
- 7:15 Jose Luis Punzo—Landscapes of Power: The Uacusecha Presence in the Southern Portion of the Tarascan Señorío
- 7:30 Rodrigo Solinis-Casparius, Anna S. Cohen and Kyle R. Urquhart—Urbanism in



Thursday Evening, April 7

- the Purepecha Heartland at Angamuco, Michoacan
- 7:45 Joseph Mountjoy, Fabio Germán Cupul Magaña, Rafael García de Quevedo Machain and Martha Lorenza López Mestas Camberos—The Early Postclassic Aztatlán Colonization of the Coast of Jalisco, Mexico
- 8:00 Michael Mathiowetz—Weaving Our Life: The Economy and Ideology of Cotton in Postclassic West Mexico
- 8:15 John Pohl—Discussant
- 8:30 Questions and Answers

**[102] SYMPOSIUM ■ CONTINUITY AND CHANGE IN THE PERUVIAN NORTH HIGHLANDS: CURRENT RESEARCH IN THE CAJAMARCA REGION**

**Room:** Asia 4

**Time:** 6:00 PM - 8:45 PM

**Chairs:** Jason Toohey and Patricia Chirinos Ogata

**Participants:**

- 6:00 Henry Idrogo—Shared Motifs and Figures in the Archaic of the Cajamarca Highlands: New Data from the site of Callacpuma
- 6:15 Yuji Seki, Diana Alemán, Percy Santiago, Nagisa Nakagawa and Megumi Arata—Sealing Ritual Spaces of a Formative Site by the Early Cajamarca Culture
- 6:30 Patricia Chirinos Ogata—Wari Imperial Presence in Cajamarca: A view from Yamobamba
- 6:45 Solsiré Cusicanqui and Luis Jaime Castillo Butters—Cajamarcan Presence in the Northern Coast of Peru during the Middle Horizon: A Ceramic Styles Approach
- 7:00 Shinya Watanabe—Cajamarca during the Middle Horizon: Excavations at El Palacio site
- 7:15 Howard Tsai—The "Coastal Cajamarca" Style Did Not Come from the Coast
- 7:30 Gabriela Cervantes and Robyn Cutright—Coastal Politics in Cajamarca: Recent Research in the Middle Jequetepeque Valley
- 7:45 Jason Toohey—Initial Investigations at the Multicomponent Cajamarca Site of Callacpuma
- 8:00 Warren Church—Beyond the Marañon: A Consideration of Cajamarca's Changing Relationships with Chachapoyas societies
- 8:15 Vanessa Bernal Rodríguez—Henry Reichlen: La trayectoria americanista a través de su colección y de sus archivos
- 8:30 Isabelle Druc—Discussant

**[103] GENERAL SESSION ■ EUROPEAN BIOARCHAEOLOGY**

**Room:** Oceanic 1

**Time:** 6:00 PM - 8:45 PM

**Chair:** Derek Hamilton

**Participants:**

- 6:00 Claudia Viganò, Gülfirde Akgül, Frank J. Rühli and Abigail Bouwman—Ancient DNA Analysis to Investigate the History of Malaria and Malaria Genetic Adaptations in Europe
- 6:15 Lindsey Büster, Ian Armit, Laura Castells Navarro, Jo Buckberry and Rick Schulting—A Later Prehistoric Mortuary Complex on the Moray Firth: The Covesea Caves, NE Scotland
- 6:30 Danielle Phelps and Ugo Fusco—The Analysis of Late Antiquity (c. 4th to 6th century AD) Human Remains from Veii-Campetti, Italy
- 6:45 Katina Lillios, Joel D. Irish, Anna J. Waterman and Ana Maria Silva—

- Demographic and Cultural Dynamics of the Portuguese Estremadura in the 4th-3rd Millennia BC: A Multi-Proxy Approach
- 7:00 Derek Hamilton, Kerry Sayle, Colin Haselgrove and Gordon Cook—What Did You Have for Dinner Last Night? Revealing Diet, Mobility, and Movement of People Within Middle Iron Age British Society through Multi-Isotopic Analysis
- 7:15 Conner Wiktorowicz, Bettina Arnold, John Wiktorowicz and Alexander Kurosky—A Bloody Mystery: Proteomic Residue Analysis of Funerary Ceramics from the Early Iron Age Heuneburg
- 7:30 Laura Motta—Cultural Choices and Exchange Networks: Cereals in Iron Age and Archaic Italy
- 7:45 Vaughan Grimes, Rui Boaventura, Ana Maria Silva, Maria Hillier and António Carlos Valera—Strontium Isotope Evidence for Late Neolithic Mobility in South-Central Portugal
- 8:00 Juliette Mitchell and Gordon Noble—Mapping, Monumentalizing and Protecting the Barrow Cemeteries of Eastern and Northern Scotland
- 8:15 Emily Elizabeth Graff—Troia's Three Roman Ladies: The Analysis of Three Cases of Trepanation at Necrópolis de Calderia (Setúbal, Portugal)
- 8:30 Kate Trusler—Approaches to Understanding Skeletal Part Frequencies in Roman Assemblages

**[104] SYMPOSIUM ■ WHAT WAS "FREMONT"? ADVANCES IN THE EXPLANATION AND ARCHAEOLOGICAL UNDERSTANDING OF THE FREMONT REGIONAL SYSTEM**

**Room:** Oceanic 7

**Time:** 6:00 PM - 9:00 PM

**Chairs:** Lindsay Johansson and Katie Richards

**Participants:**

- 6:00 Lindsay Johansson and Katie Richards—Caught Between Two Regions: A Historical Perspective on How Archaeologists Understand the Fremont Regional System
- 6:15 James Allison—Rethinking Fremont Chronology
- 6:30 Mike Cannon and Lisa Krussow—Relationships among Foraging Efficiency, Agricultural Investment, and Human Health in Fremont Societies
- 6:45 Shannon Boomgarden—Experimental Maize Farming in Range Creek Canyon, Utah
- 7:00 Jody Patterson—Formative Period Changes in Regional Interaction and Influence in Nine Mile Canyon, Utah
- 7:15 Questions and Answers
- 7:30 Sara Stauffer and Lindsay Johansson—Where's the Party? An Investigation of Communal Feasting among the Fremont
- 7:45 Lane Richens, Richard Talbot and Scott Ure—On the Road Again: A Consideration of Travel Routes within the Late Fremont Regional System
- 8:00 David Yoder—Fremont Figurines: In Which We Go from Culture History to Processualism to Post Processual
- 8:15 Aaron Woods and Ryan Harrod—More than Just Bones: A Biocultural Analysis of Fremont Human Remains
- 8:30 Katie Richards and Lindsay Johansson—What Does Fremont Mean Anyway? Finding a Useful and Constructive Way to Conceptualize a Regional System
- 8:45 Stephen Lekson—Discussant

**[105] SYMPOSIUM ■ POWERFUL PLACES IN THE ANCIENT ANDES**

**Room:** Northern Hemisphere Salon D & DE Corridor

**Time:** 6:00 PM - 9:00 PM

Thursday Evening, April 7

**Chair:** Justin Jennings

**Participants:**

- 6:00 George Lau—The Lives of Mountains: A Cultural Orogeny in Peru's North Highlands
- 6:15 Bill Sillar—Viracocha's Vulcanism: The Cultural Biography of a Volcano
- 6:30 Mary Weismantel—Ontologies of Water on Peru's North Coast
- 6:45 Corey Bowen and John W. Janusek—Hydrologic Power: A GIS Approach to Tiwanaku's Constructed Water Landscape
- 7:00 Edward Swenson—Sacrificial Landscapes and the Anatomy of Moche Biopolitics
- 7:15 Andrew Roddick and John W. Janusek—Powerful Things: Stone Sculpture and Landscape Animacy in the Lake Titicaca Basin
- 7:30 Elizabeth DeMarrais—Understanding heterarchy: Landscape and Community in the Northern Calchaquí Valley, Argentina
- 7:45 Matthew Piscitelli—Developing a "Mound Literacy" for the Late Archaic Norte Chico Region
- 8:00 Anna Guengerich—The View from Above: Changing Experiences of the Built Environment during the Andean Late Intermediate Period
- 8:15 Justin Jennings, Giles Spence-Morrow, Felipe McQueen and Willy Yépez Álvarez—Moving Places: The Creation of Quilcapama
- 8:30 Steve Kosiba—Navigating Cusco: Pathways to History and Landscapes of Social Conflict in the Inca Imperial Capital
- 8:45 Questions and Answers

**[106] SYMPOSIUM ■ GUAVA CAT ARCHAEOLOGY: PAPERS IN MEMORY OF PROF. POCHAN CHEN**

**Room:** Northern Hemisphere Salon C

**Time:** 6:00 PM - 9:30 PM

**Chairs:** Rowan Flad, Chieh-fu Jeff Cheng and Kuei-chen Lin

**Participants:**

- 6:00 Kuei-chen Lin and Pochan Chen—The Development of Typology in Chinese Archaeology
- 6:15 Rowan Flad, Pochan Chen, Yitzchak Jaffe, Andrew Womack and Jing Zhou—Dayatou and Siwashan—Preliminary Report on the 2015 Season of the Tao River Archaeology Project
- 6:30 Ling-yu Hung—A GIS-Investigation of the Yangshan Cemetery, Qinghai, NW China
- 6:45 Yitzchak Jaffe—Culture and its Variations—A Community Focused Study of Siwa and Western Zhou Cemeteries in Gansu
- 7:00 Jade Dalpoim Guedes, R. Kyle Bocinsky and Sturt Manning—5500 Years of Changing Crop Niches on the Tibetan Plateau
- 7:15 Ling Qin and Dorian Q Fuller—Globalization and World Systems ss Alternative Modes of Cultural Transmission in the Eastern China, 5000-2500 BC
- 7:30 Yi-Ling Lin—Bone Craft Product and Economies in the Late Shang Period at Anyang, China
- 7:45 Questions and Answers
- 8:00 Gwen Bennett—The Archaeological Study of an Inner Asian Empire: Using New Perspectives and Methods to Study the Medieval Liao Polity
- 8:15 Jiun-Yu Liu—Trade Diaspora in Prehistoric Eastern Taiwan
- 8:30 Mu-Chun Wu and Maa-Ling Chen—GIS as a Heuristic Tool: Revisiting Spatial Concepts in the Paiwan Landscape
- 8:45 Ellen Hsieh—The Chinese Trade Diasporas in Spanish Manila
- 9:00 Li-ying Wang—The Influence of European Contact in the 17th Century in Taiwan

**Friday Morning, April 8**

- 9:15 Chieh-fu Jeff Cheng—An Archaeological Study of Landscape, People, and Mobility in the Lakulaku River Basin in Eastern Taiwan from the 18th Century to the Present

**[107] SYMPOSIUM ■ ARCHAEOLOGY OF THE NIGHT****Room:** Southern Hemisphere Salon 1**Time:** 6:00 PM - 10:00 PM**Chairs:** April Nowell and Nan Gonlin**Participants:**

- 6:00 April Nowell and Nan Gonlin—An Archaeology of the Night  
 6:15 Rita Wright—Engineering Feats and Consequences in the Indus: Workers in the Night  
 6:30 Meghan Strong—Illuminating the Path of Darkness: Transformative Aspects of Artificial Light in Dynastic Egypt  
 6:45 Smiti Nathan—Midnight at the Oasis: Past and Present Agricultural Activities in Oman  
 7:00 Shadreck Chirikure and Abigail Joy Moffett—Fluid Spaces and Fluid Objects: Nocturnal Material Culture in Sub-Saharan Africa with Special Reference to southern Africa  
 7:15 Tom Dillehay—Past and Present Andean Night Moon Rituals  
 7:30 Alexei Vranich—Nighttime Sky and Early Urbanism in the High Andes  
 7:45 Anthony Aveni—Night in Day: How Mesoamerican Cultures Respond to Unanticipated (and Anticipated) Eclipse Phenomena  
 8:00 Jeremy Coltman—Under the Cover of Night: The Liminal Landscape in Ancient Maya Thought  
 8:15 Nan Gonlin and Christine Dixon—Midnight Madness in Mesoamerica: Dark Doings in the Ancient World  
 8:30 Kathryn Kamp and John Whittaker—The Night is Different: Senses and Affordances  
 8:45 Susan Alt—Mother Earth, Father Sky, Figurative Art and Reproduction at Cahokia and in the Mississippian World  
 9:00 Jane Baxter—The Freedom that Nighttime Brings: Privacy and Cultural Persistence among Enslaved Peoples at Bahamian Plantations  
 9:15 Pauline Wiessner—Discussant  
 9:30 Margaret Conkey—Discussant  
 9:45 Questions and Answers

**Friday Morning ■ April 8, 2016****[108] ELECTRONIC SYMPOSIUM ■ DYNAMIC WORLDS, SHIFTING PARADIGMS: RELATIONAL ONTOLOGIES IN ARCHAEOLOGY****Room:** Oceanic 4**Time:** 8:00 AM - 10:00 AM**Chairs:** Melissa Baltus and Sarah Baires**Participants:**

- Sarah Baires—Constructing Narratives: archaeology's relationship with the ontological turn at Cahokia  
 Christina Halperin—Intertwined Histories and Relational Personhood: Maya Co-essences (Spirit or Way Companions) Past and Present  
 Peter Whitridge—Ambiguous Beings: The Ontological Autonomy of Inuit Dogs  
 Christopher Watts—Being and Becoming in Huron-Wendat Worlds  
 Erica Hill—A Relational Geography of Humans and Animals in the Bering Sea Region

**Friday Morning, April 8**

Matthew Colvin—A Procession of Faces: Considering the Materiality of Relational Ontologies in Southern Florida

Darryl Wilkinson—Relational Empire: The Non-modern Violence of the Inka State

Melissa Baltus—Vessels of Change: Everyday relationality in the rise and fall of Cahokia

**[109] FORUM ■ EXPLORING THE UNNAMED ERA: PRE-MAMOM POTTERY IN THE MAYA LOWLANDS OF YUCATAN, PETEN AND BELIZE**

**Room:** Oceanic 2

**Time:** 8:00 AM - 10:00 AM

**Moderator:** Debra Walker

**Participants:**

Takeshi Inomata—Discussant

Laura Kosakowsky—Discussant

Nina Neivens—Discussant

Katherine South—Discussant

Michael Callaghan—Discussant

M. Kathryn Brown—Discussant

Terry Powis—Discussant

Kerry Sagebiel—Discussant

Lauren Sullivan—Discussant

George Bey—Discussant

Jerald Ek—Discussant

**[110] POSTER SESSION ■ ARCHAEOLOGY OF CALIFORNIA**

**Room:** Atlantic Hall B

**Time:** 8:00 AM - 10:00 AM

**Participants:**

110-a Michael Prouty—Representing Cultural Networks: A GIS Analysis of Spanish Colonial Settlement in San Diego

110-b Sabrina Shirazi, Courtney Hofman, Torben Rick and Jesus Maldonado— Using Environmental DNA to Examine Human-Animal Interactions on the California Channel Islands

110-c Albert Gonzalez, Heather Atherton and Javier Hernandez—Beyond Missions: Documenting Mexican and Mexican-American Adobes in California

110-d Jennifer McElhoes and Carl Lipo—Technological and Functional Characteristics of Ceramics and Their Distribution along the Southern California Coast

110-e Alexandra Cox—Analysis of Trinidad Cross Artifact

110-f Brian Barbier—Bit by Bit: Olivella Bead Production during the Middle Period on Santa Cruz Island

110-g Kaitlin Brown—Classifying Soapstone Cooking Pots in the Santa Barbara Channel Region

110-h Paul Buck and Donald Sabol—Sub Pixel Detection of Archaeological Materials using NASA Satellite and Aircraft Data

110-i Kristin Hoppa and Sherri Andrews—Charmstones, Pendants, and Other Special Objects from San Clemente Island, CA

110-j Michael Boero—Traditional Resource Management in the Sierra Nevada of California

110-k Candice Brennan—Prehistoric Subsistence and Settlement Patterns in the Los Alamitos Bay Region of Southern California

110-l Lynn Gamble—Feasting, Ritual Practices, and Persistent Places: New Interpretations of Shellmounds in Southern California

110-m Jeannine Pedersen-Guzman—The Incised Stones of CA-ORA-662, Pelican Hill

in Orange County, CA

**[111] POSTER SESSION ■ ARCHAEOLOGY OF THE MIDWEST II**

**Room:** Atlantic Hall B

**Time:** 8:00 AM - 10:00 AM

**Participants:**

- 111-a Luke Stroth—Rocks that Roll: Potential Spatial Applications for X-Ray Fluorescence Data
- 111-b Emily Dawson and Mark Schurr—Multi-Element Characterization of Early Nineteenth Century Edged Pearlware from Native American and Euro-American Sites
- 111-c Frankie West, Brannon Hulsey and Graciela Cabana—Confirmation of Mitochondrial Haplotype C4c in Samples from Norris Farms #36, Illinois
- 111-d Alexandria Oemig and Jordan Karsten—Troubled Times in Late Prehistoric Wisconsin: Violent Skeletal Trauma among the Winnebago Phase Oneota
- 111-e Jeremy Skeens—Analysis of Ceramic Sherds from Woodpecker Cave
- 111-f Rebecca Dean—Community-based Research in the Archaeological Classroom
- 111-g John Flood, Seth Grooms, Matthew Pike, Edward Herrmann and Jeremy Wilson—Fortifications in the Eastern Woodlands of Pre-Columbian North America: An Examination of Organized Warfare during the Mississippian Period
- 111-h Margaret Robinson—The Hopewell Problem: A Discussion of Digital Methods for Legacy Collections at Hopewell Mound Group
- 111-i James Greene, Veronica Parsell, Kaye Grobe and Kathleen Settle—Kankakee Marsh Lifeways, Phase III Data Recovery, Northwest Indiana
- 111-j Grace Gronniger—Setting the Table in Victorian Age St. Louis: the Utility of Glass Tableware Analysis in the Archaeology of Domesticity and Consumerism

**[112] POSTER SESSION ■ NORTH AMERICA—MIDWEST**

**Room:** Atlantic Hall B

**Time:** 8:00 AM - 10:00 AM

**Participants:**

- 112-a Jocelyn Connolly—Modeling Woodland Land Use in the Lower Little Miami River Valley, Ohio
- 112-b Brian Redmond, Nigel Brush, Haskel Greenfield, P. Nick Kardulias and Jeffrey Dilyard—New Evidence for Human Butchery of an American Mastodon from Central Ohio, USA
- 112-c John Richards and Richard Kubicek—Pits, Posts, and Not Much Else: Sub-Mound Archaeology at Two Late Woodland Effigy Mound Sites
- 112-d Kevin Nolan, Christine Thompson, Shelbi Long, Erin Donovan and Erin Steinwachs—A Battlefield with a View: Visibility and Weighted Cost Path Modeling of the Battle of the Wabash
- 112-e Teresa Nichols, April Sievert, Jayne-Leigh Thomas and Anne Pyburn—Learning NAGPRA: Nationwide Survey Results
- 112-f Jonathan Thomas and Tyler Perkins—Shell Bead Production at Cahokia
- 112-g Amber Laubach and Sarah Baires—Monumental Construction at Cahokia, a geoarchaeological perspective
- 112-h Dominic Bush and Mark Schurr—Using Stable Isotope Analysis to Demonstrate Humans' Role in Faunal Diet Construction at the Collier Lodge Site (12PR36)
- 112-i Patricia Richards and Catherine Jones—Excavation at the Second Ward Cemetery, Milwaukee, Wisconsin

Friday Morning, April 8**[113] POSTER SESSION ■ GREAT BASIN, BASIN PLATEAU****Room:** Atlantic Hall B**Time:** 8:00 AM - 10:00 AM**Participants:**

- 113-a Loren Davis, Alex Nyers and Daniel Bean—3D Geometric Morphometry of Western Stemmed Projectile Points from the Columbia River Plateau
- 113-b Spencer Lambert and Joseph Bryce—The Elements of Bone: A Look into Fremont Diet at Wolf Village
- 113-c David Byers and Suzann Henrikson—Bison, Cold Storage and Holocene Climate Change on the Snake River Plain
- 113-d Katelyn McDonough and Dennis Jenkins—New Excavations at an Old Site: Reevaluation of Chronology and Subsistence at the Connley Caves (35LK50), Lake County, Oregon
- 113-e S. Joey LaValley—Tiptoe the Steptoe: A Report on and Examination of Survey Results from Steptoe Valley and the Schell Creek Range of East-Central Nevada
- 113-f John Davis and Steven Hackenberger—Assessing Testing Programs and Strategies for Section 106 Determinations of Eligibility: U.S. Army Yakima Training Center, WA
- 113-g Joseph Bryce and Spencer Lambert—Food and Family: Comparing Residential Structures at Two Fremont Sites in Utah Valley

**[114] POSTER SESSION ■ NORTH AMERICA—GREAT BASIN****Room:** Atlantic Hall B**Time:** 8:00 AM - 10:00 AM**Participants:**

- 114-a Jordan Pratt—A Geospatial Analysis of Northern Side-notched Points in the Northern Great Basin: A Case Study from the Burns District Bureau of Land Management
- 114-b Marion Coe—Perishable Artifacts from Bonneville Estates Rockshelter (26EK3682), Nevada: A Technological Analysis of Artifacts from the Early through Late Holocene
- 114-c Tatianna Menocal—Chipped Stone Results from Four Lowland Virgin Branch Puebloan Sites
- 114-d Tamara Whitley—Predicting the Past: GIS Modeling on the Carrizo Plain National Monument
- 114-e Khori Newlander—Using Analytical Nodules to Assess the Integrity of Paleoindian Surface Lithic Scatters in Eastern Nevada
- 114-f Aaron Kuntz, Andrew Murphy and Brett Lenz—Archaeological Recovery Associated with the Wanapum Dam Emergency Drawdown, Central Washington State
- 114-g Brian Yaquinto and Sarah MacDonald—Recent Advances in Fremont Archaeology of Northwest Colorado
- 114-h Danny Gilmour, Thomas Brown, Paul Solimano and Kenneth Ames—Radiocarbon Chronology of the Western Stemmed Tradition on the Columbia Plateau

**[115] POSTER SESSION ■ NORTH AMERICA—PLAINS****Room:** Atlantic Hall B**Time:** 8:00 AM - 10:00 AM**Participants:**

- 115-a Michael Bies—Wyoming Dinwoody Tradition Rock Art Superimpositions
- 115-b Brigid Grund, Todd Surovell and Spencer Pelton—Where the Buffalo Groan:

Friday Morning, April 8

- Topographic Variables Governing the Placement and Spatial Organization of Wold Bison Jump, Wyoming
- 115-c Kirsten Tharalson—Butchering Patterns & Seasonality Of The Certain Site, Western Oklahoma
- 115-d Jennifer Deats—Ceramic Analysis at Chief Looking's Village (32BL3) in Bismarck, ND
- 115-e Paul Burnett, Erik Otarola-Castillo and Lawrence Todd—Improving Discovery-Based Probability Models for the Shoshone National Forest, Wyoming
- 115-f Mavis Greer and John Greer—Use of Old Photos in Rock Art Recording and Analysis: The Adams Collection of Central Wyoming
- 115-g Shannon Koerner, Brett Giles and Eric Skov—Prehistoric Site Discovery and Evaluation Methods in Upland Landscapes on the Eastern Plains
- 115-h Kristina Solis—South Texas Archaic Hunter-Gatherer Mobility Patterns: A Study using Strontium Isotope Analysis
- 115-i Morgan Beyer—Differentiating History: Criteria to Distinguish between Historic Euro and Native American Sites in Wind Cave National Park
- 115-j Whitney Goodwin, Kacy L. Hollenback, Fern Swenson and William C. Hockaday—Changing Foodways in Culture Contact Contexts on the Northern Great Plains: Lipid Residue Analysis at the Double Ditch Site, North Dakota
- 115-k Jason Chambers—Lindenmeier Redux: Spatial Patterns of the Lindenmeier Folsom Site (5LR13)

**[116] SYMPOSIUM ■ BURIED, BURNED, BUNDLED AND BROKEN: APPROACHES TO CO-OCCURRENCE OF MULTIPLE METHODS, TREATMENTS AND STYLES OF BURIALS WITHIN PAST SOCIETIES**

**Room:** Northern Hemisphere Salon E3

**Time:** 8:00 AM - 10:00 AM

**Chair:** Kathryn Meyers Emery

**Participants:**

- 8:00 Kathryn Meyers Emery—Preparing Their Deaths: Examining Variation in Co-occurrence of Cremation and Inhumation in Early Medieval England
- 8:15 Colin Quinn—Urns, Mounds, Pyres, and Pits: The Many Pathways of Middle Bronze Age Bodies in Transylvania
- 8:30 Mark Schurr, Erica Ausel and Della Cook—Burial Diversity at the Angel Site: How Many People and How Many Ways?
- 8:45 Gabriel Wrobel and Amy Michael—Discerning Patterns of Intentional and Unintentional Movement of Human Bones in Maya Caves
- 9:00 Jess Beck—Mortuary Multiplicity: Variability in Mortuary Treatment at a Late Prehistoric Matrix Village from Spain
- 9:15 Joanna Bruck—The Power of Relics: Curating Human Bone in the British Bronze Age
- 9:30 Megan Perry and Anna Osterholtz—Mingled Bones, Mingled Bodies: Primary and Commingled Burials at Nabataean Petra, Jordan
- 9:45 Lynne Goldstein—Discussant

**[117] SYMPOSIUM ■ HUMAN SACRIFICE IN ANCIENT MESOAMERICA: NEW EVIDENCES AND THEORETICAL PERSPECTIVES**

**Room:** Asia 3

**Time:** 8:00 AM - 10:00 AM

**Chairs:** Linda Hansen and John Pohl

**Participants:**

- 8:00 Rex Koontz—The Iconography and History of the Hacha in Classic Veracruz



**Friday Morning, April 8**

- 8:15 Linda Hansen—The Myth of the Willing Human Sacrificial Victim in Ancient Mesoamerica: Transformation of the Symbolic Complex of Ritual Sacrifice in Ancient Oaxaca and Teotihuacan
- 8:30 Arthur Joyce, Sarah Barber and Jeffrey Brzezinski—Earth Offerings as Sacrifice in Formative Period Coastal Oaxaca
- 8:45 Annabeth Headrick—Discussant
- 9:00 Keith Jordan—Human Sacrifice at Tula: Reputation, Representation, and Actuality
- 9:15 Rubén Mendoza—The Harvest of Souls: Mimesis, Materiality, and Ritual Human Sacrifice in Mesoamerica
- 9:30 Cristina Verdugo, Lars Fehren-Schmitz and James Brady—Sacrifice at Midnight Terror Cave, Belize
- 9:45 Mark Wright—Homicide or Deicide? The Function of Deity Impersonation in Mesoamerican Sacrificial Rituals

**[118] GENERAL SESSION ■ ARCHAEOLOGY OF THE NORTHERN PERUVIAN COAST****Room:** Northern Hemisphere Salon E2**Time:** 8:00 AM - 10:00 AM**Chair:** Sarah Martini**Participants:**

- 8:00 Kasia Szremski—The Chaupiyunga as an Eco-cultural Frontier: Inter-zonal Exchange and Negotiation in the Huanangue Valley during the Late Intermediate Period (1100-1470 CE)
- 8:15 Sally Lynch—Are "Coastal Cajamarca" Vessels Local Imitations? Petrographic Analysis of Ceramic Vessels from the Late Moche (AD 600-850) Settlement "Huaca Colorada" in the Jequetepeque Valley, Peru
- 8:30 Sarah Martini—The Space Between: An Investigation of the Changing Occupied Landscape at the El Brujo Archaeological Complex, Chicama Valley, Peru
- 8:45 Alice Kelley, Ana Cecilia Mauricio, Daniel Sandweiss, Joseph Kelley and Daniel Belknap—Combining GPR and Archeological Excavations at Los Morteros: Looking "Inside" a Complex Preceramic Coastal Peruvian Site
- 9:00 Ana Carito Tavera Medina and SARAH MARTINI—Revisiting the pre Moche-Moche Transition on the El Brujo Geological Terrace: A spatially Significant Ceramic Analysis
- 9:15 Pauline Clauwaerts—The Priestesses of San José de Moro: Toward a Material Approach of Personhood in the Moche World
- 9:30 Kari Zabler—Chimú Conquest and Administration at Talambo, Jequetepeque, Perú
- 9:45 Richard Sutter—The Incorporation of the Chicama Valley into the Southern Moche Polity (AD 200 – 900): A Preliminary Biodistance Assessment

**[119] SYMPOSIUM ■ ARCHITECTURAL ENERGETICS****Room:** Northern Hemisphere Salon E1**Time:** 8:00 AM - 10:15 AM**Chair:** Leah McCurdy**Participants:**

- 8:00 Rodney Fitzsimons—Monuments for the Living, Monuments for the Dead: A Stone-by-Stone Guide to Mycenaean State Formation
- 8:15 John Barber—Use of Raw Energy Data in the Estimation of the 'Cost' of Building Iron Age Brochs in Scotland
- 8:30 François Remise—The Celtic community of the Heuneburg: An Energetics Approach to Their Building Activity between 600 B.C. and 540 B.C.

- 8:45 Alexis Jackson—Building Charlieu: Chronology and Asset Flow over Time at Saint Fortunatus Monastery, 872-1120 C.E.
- 9:00 Megan Drennan—Pharaonic Power and Architectural Labor Investment at the Karnak Temple Complex, Egypt
- 9:15 Liye Xie—Urban Construction as a Social Transformation Process
- 9:30 Leah McCurdy—Maya Monumental Energetics
- 9:45 Cameron Lacquement—Formulating an Energetics Assessment of the Moundville Landscape
- 10:00 Elliot Abrams—Discussant

**[120] SYMPOSIUM ■ STUDENT CONTRIBUTIONS IN GEOARCHAEOLOGY**

*(Sponsored by Geoarchaeology Interest Group)*

**Room:** Oceanic 7

**Time:** 8:00 AM - 10:15 AM

**Chair:** Ian Buvit

**Participants:**

- 8:00 Kara Fulton—Geochemical Analysis of Maya Commoner Houses and the Spaces in Between at Actuncan, Belize
- 8:15 Nicaela Cartagena, Michael Lawrence, Sheldon Skaggs and Terry Powis—The Geophysical Investigations at the Tzib Group in Pacbitun, Belize
- 8:30 Rachel Cajigas—Magnetic Gradiometry in the Spatial Reconstruction of the Early Agricultural Period Canal System at La Playa, Mexico
- 8:45 Anthony Tricarico, E. Christian Wells, Georgia Fox and Reginald Murphy—Geomorphological Assessment of Plantation Farmscapes in Antigua, West Indies
- 9:00 Amy Schott—Archaeological Site Distribution in Relation to Soils and Geomorphic Characteristics in Dune Landscapes in Northeastern Arizona
- 9:15 Justin Carlson—Archaeological Investigations of Deeply Stratified Deposits at Crumps Sink, South-Central Kentucky, USA
- 9:30 Jasmine Kidwell and David Kilby— Modeling Landscape Evolution Across the Pleistocene-Holocene Transition at Blackwater Locality No. 1
- 9:45 Michael Storozum, Tristram Kidder, Zhen Qin and Haiwang Liu—The Central Plains Archaeological Survey: A Preliminary Report
- 10:00 ErinMarie Chenvert, John Davis, Ian Buvit, Alexis Dyson and Jillian Hendrix—Comparing Methods for Determining Particle-Size Distribution

**[121] GENERAL SESSION ■ ADVANCES IN ARCHAEOLOGICAL METHODS**

**Room:** Oceanic 5

**Time:** 8:00 AM - 10:15 AM

**Chair:** James Enloe

**Participants:**

- 8:00 Keith Merwin—Utilizing LED and Solar Power at a Remote Field Site in the Holmul Region
- 8:15 Timothy Hare—Mapping Mayapán's Archaeological Remains and Environmental Characteristics Using UAVs and Photogrammetric Software
- 8:30 James Enloe and James McGrath—A GIS Approach to Stratigraphy in Visually Homogeneous Rockshelter Deposits: Results from Woodpecker Cave
- 8:45 Zachary Day and Heather Richards-Rissetto—Creating Interactive Landscapes with Multi-Method Modeling
- 9:00 Jacob Enk—Target Capture for Ancient DNA: Temperature, Time, and Tiling Density
- 9:15 Megan O'Neil, Charlotte Eng, John Hirx, Diana Magaloni-Kerpel and Yosi

**Friday Morning, April 8**

- 9:30 Pozeilov—Insights into Maya Ceramic Techniques with Digital X-Radiography  
Jotka Verlee, Cornelis Stal, Britt Lonneville, Cameron McNeil and Alain De Wulf—UAVs for Archaeology: The Sky is The Limit
- 9:45 Jeffrey Brewer and Chris Carr—Preliminary LiDAR Analysis and Excavation of Residential Water Features at the Ancient Maya Site of Yaxnohcah, Central Yucatan
- 10:00 Jon Carroll—Experimenting with Multilevel Agent Based Archaeological Modeling in NetLogo

**[122] SYMPOSIUM ■ FOOD AND CULTURE IN THE ANDES****Room:** Australia 2**Time:** 8:00 AM - 10:30 AM**Chairs:** Katherine Chiou and Jennifer Salinas Acero**Participants:**

- 8:00 Maria Bruno, Katherine Moore, José Capriles, Andrew Roddick and Melanie Miller—Manq'asifani: Political Dimensions of Foodways on the Taraco Peninsula, Bolivia during the Formative and Tiwanaku Periods
- 8:15 Giacomo Gaggio and Paul Goldstein—Food for the Ayllus: Plants Access and Social Meaning in the lowland Tiwanaku sites of Omo and Rio Muerto
- 8:30 Silvana Rosenfeld—Food Preparation and Status: Ch'arki versus Roasting at Chavin De Huantar
- 8:45 Dana Bardolph, Brian Billman and Jesus Briceno—Food in the Contact Zone: Reimagining Highland-Coastal Contact in the Prehispanic Moche Valley of North Coastal Peru
- 9:00 Katherine Chiou—Common Meals, Noble Feasts: An Archaeological Investigation of Moche Food and Cuisine in the Jequetepeque Valley, Peru
- 9:15 Sarah Kennedy, Parker VanValkenburgh and Katherine L. Chiou—Diet, Status, and Identity in Colonial Peru: Investigations at Carrizales (Zaña Valley, Peru)
- 9:30 Jennifer Salinas Acero and Jennifer Salinas—Changing Food Practices at Tequendama, Aguazuque, and Zipacon (Sabana de Bogotá, Colombia)
- 9:45 Marcela Bernal, Lucero Aristizábal, Carl Langebaek, Freddy Rodríguez and Luz Pérez—vivir y morir en tibanica, reflexiones sobre el poder y el espacio en una aldea muisca tardía de la sabana de bogotá
- 10:00 Lucero Aristizabal Losada and Melanie Miller—reflexiones sobre la naturaleza del poder en una población muisca de la sabana de bogotá a través de estudio de la dieta
- 10:15 Christine Hastorf—Discussant

**[123] GENERAL SESSION ■ PLAINS AND BASIN ARCHAEOLOGY****Room:** Oceanic 3**Time:** 8:00 AM - 10:30 AM**Chair:** Laura Scheiber**Participants:**

- 8:00 Alesha Marcum-Heiman, Leland Bement, Kristen Carlson and Brian Carter—Renewed Investigation of Sites within the Black Mesa Region, Oklahoma Panhandle
- 8:15 Sarah Trabert, Sunday Eiselt, David Hill, Jeffrey Ferguson and Margaret Beck—Characterizing Micaceous Vessels on the Central High Plains
- 8:30 Chelsea Ellis—Subadult Mortality at McLemore: An Unexpected Culprit
- 8:45 Thomas Huffman and Frank Lee Earley—Upper Republican and Apishapa Interaction on the High Plains
- 9:00 Edward Herrmann and Rebecca Nathan—Where Men Get Their Meat:

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- 9:15 Predicting Jump Locations at the Grapevine Creek Buffalo Jump Complex  
John Parker-McGlynn—Pre-Historic Archaeological Site Location Modeling  
Using Raster Overlay Analysis in GIS
- 9:30 Nicholas Arnhold and Frederic Sellet—Niche Construction of Predictable  
Landscapes: Redundant Caching in Ecological Niches on the Central Plains
- 9:45 Laura Scheiber and Amanda Burt—Investigating High-Altitude Campsites in the  
Rocky Mountains: A Decade Later
- 10:00 Geoffrey Cunnam and Edward Stoner—Processing, Power, Teaching and  
Identity, The Utilitarian and Ritual Use of Artifacts from a Middle Archaic  
Shaman's House in the Great Basin.
- 10:15 Halston Meeker—Measuring Differences in Occupation Length at Short Term  
Habitation Sites along the base of the Colorado Front Range

**[124] GENERAL SESSION ■ COOL ARCHAEOLOGY: ALASKA, BRITISH COLUMBIA AND THE  
NORTHWEST COAST**

**Room:** Oceanic 1

**Time:** 8:00 AM - 10:30 AM

**Chair:** Crystal Glassburn

**Participants:**

- 8:00 Robert Bowman and Joshua Reuther—Environmental Changes in  
Archaeologically Significant Sand Dunes in Subarctic Interior Alaska
- 8:15 Laura Crawford, Claire Alix and Nancy Bigelow—Thule Fuel Use at Cape  
Esenberg, Alaska, CE 1500-1700
- 8:30 Ariel Taivalkoski, Caroline Funk, Debra Corbett and Brian Hoffman—Avian  
Skeletal Part Representation at 49-KIS-050
- 8:45 Todd Koetje—Leukoma Seasonality and Maturity in the Locarno Beach Phase  
sites of the middle Salish Sea
- 9:00 Joshua Howard, Caroline Funk, Debra G. Corbett and Brian W. Hoffman—Bone  
Tools of the Rat Islands: Aleut Identity, Subsistence, and Interaction with  
Landscape and Seascape
- 9:15 Crystal Glassburn, Ben A. Potter, Joshua D. Reuther and Matthew J. Wooller—  
Steppes Across the Land: Reconstructions of Steppe Bison Mobility Patterns in  
East-Central Alaska through Isotopic Analyses and Implications for Prehistoric  
Human Behavior
- 9:30 Patrick Dolan, Colin Grier, Markussen Christine and Katie Simon—Magnetic  
Gradient Survey of a Hunter-Gatherer Plank House Village at the Dionisio Point  
Site, Northwest Coast of North America
- 9:45 Amanda Marshall and Stephanie Huddelstan—Culturally Modified Trees of the  
Pacific Northwest: How do we define what is protected and not protected under  
the HCA in British Columbia.
- 10:00 Kristen Barnett, Anna Prentiss, Sarah Nowell and Ethan Ryan—Community  
Archaeology on the South West Coast of Alaska: TAPP
- 10:15 Joseph Keeney—An Analysis of a Middle Holocene Faunal Assemblage from  
the Matcharak Peninsula Site in Alaska's Brooks Range

**[125] SYMPOSIUM ■ ANTHROPIC ACTIVITY MARKERS: ARCHAEOLOGY AND  
ETHNOARCHAEOLOGY**

**Room:** Northern Hemisphere Salon A3

**Time:** 8:00 AM - 10:45 AM

**Chairs:** Alessandra Pecci, Debora Zurro and Carla Lancelotti

**Participants:**

- 8:00 Leandro Cascon and Rui Murrieta—Root, Fruit and Dirt: Using

**Friday Morning, April 8**

- Ethnoarchaeology and Archaeobotany for Constructing Reference Collections of Plants in Activity Areas in Eastern Amazon
- 8:15 Maureece Levin, Molly Shelton and William Ayres—On Swiddening and Pigs: The Management of Micronesian Agroforests
- 8:30 Richard Terry, Bryce M. Brown, Aline Magnoni and Tanya Carino—Extraction of Soil Biomarkers from the Sacred Cacao Groves of the Maya
- 8:45 Carla Lancelotti, Jonas Alcaina Mateos, Javier Ruiz perez, Alessandra Pecci and Marco Madella—Untangling Activity Areas in Open Spaces: Ethnography at Jandhala, North Gujarat, India (part II)
- 9:00 Lisa LeCount, Kara A. Fulton, David W. Mixter, E. Christian Wells and Thomas R. Jamison—Activity Area Analysis of Elite and Commoner Spaces in the Ancient Maya City of Actuncan, Belize
- 9:15 Alessandra Pecci and Fernanda Inserra—Combining Residue Analysis of Floors and Ceramics to Identify Activity Areas and the Use of Space
- 9:30 Linda Scott Cummings—Spatial Analysis of Domestic Structures
- 9:45 Anna Depalmas and Francesco di Gennaro—Supper's Ready. Preparing and Cooking Food in Italian Protohistory
- 10:00 Mónica Alonso Eguíluz, Rosa María Albert and Javier Fernández Eraso—Microarchaeology Applied to Fournier Deposits: The Use of Phytoliths, Spherulites and Ash Pseudomorphs as a Tool For Reconstruct Livestock Practices
- 10:15 Questions and Answers
- 10:30 William Middleton—Discussant

**[126] SYMPOSIUM ■ BUILT ENVIRONMENTS OF ENSLAVED EXPERIENCE IN THE CARIBBEAN****Room:** Northern Hemisphere Salon E4**Time:** 8:00 AM - 10:45 AM**Chairs:** Zachary Beier and Elizabeth Clay**Participants:**

- 8:00 Kenneth Kelly—Slave Village Architecture in the French West Indies
- 8:15 Khadene Harris—Postemancipation Bois Cotelette: An Update on Current Fieldwork
- 8:30 Todd Ahlman—The Historic House Yard Landscapes of St. Kitts' Southeast Peninsula Plantations
- 8:45 Christian Williamson and Douglas Armstrong—Housing and Living Areas of the Enslaved and Free Servants at the Magens House Compound, St. Thomas
- 9:00 Gerald Schroedl—Changing Patterns of Status among White Soldiers and Africans at Brimstone Hill Fortress
- 9:15 Zachary Beier—Dwelling Practices at the Cabrits Garrison Laborer Village
- 9:30 Elizabeth Clay and James Delle—Constructing Space and Community within Landscapes of Slavery in Early 19th c. Jamaica
- 9:45 James Delle—Plantation Life Beyond the Village: Examining Evidence for Residence in Provision Grounds
- 10:00 Hayden Bassett—Housing Occupation and Constructing Race in Plantation Jamaica: A Comparative Archaeology between two Slave Villages at Good Hope Estate
- 10:15 James Delle—Discussant
- 10:30 Kenneth Kelly—Discussant

**[127] SYMPOSIUM ■ THE BOLONCHÉN REGIONAL ARCHAEOLOGICAL PROJECT: SIXTEEN YEARS OF INVESTIGATING MAYA SOCIETY IN THE EASTERN PUUC REGION FROM THE PRECLASSIC THROUGH THE HISTORICAL PERIOD**

Friday Morning, April 8**Room:** Southern Hemisphere Salon 1**Time:** 8:00 AM - 11:15 AM**Chairs:** Ken Seligson, Evan Parker and Maggie Morgan-Smith**Participants:**

- 8:00 William Ringle and Gabriel Tun Ayora—Experiencing Yaxhom: Materiality, Memory, and Monumentality in the Puuc Hills of Yucatan
- 8:15 Betsy Kohut, George J. Bey III, Tomas Gallareta Negron, William Ringle and Evan Parker—An Examination of Regional Variation in Early Middle Preclassic Ceramics of the Puuc Region, Yucatan, Mexico
- 8:30 Christopher Gunn—Seeding the Clouds: A Model of Late Classic Puuc Political Process
- 8:45 Anna Catesby Yant—A Comparative Analysis of Ritual Architecture in the Northern Maya Lowlands
- 9:00 Rossana May, Tomás Gallareta and William Ringle —Boundary Traits in Archaeological Settlements of the Bolonchen District, Yucatán, México.
- 9:15 Tomás Gallareta Cervera—A Model for Interpreting the Royal Court Puuc Tradition
- 9:30 Evan Parker, George Bey III, Tomás Gallareta Negrón, Stephanie Simms and Amanda Strickland—The Intermediate Elite of the Puuc Maya Suburbs: Excavations at Terminal Classic Escalera al Cielo
- 9:45 Melissa Galvan and Betsy Kohut—Acknowledging Anonymous Artists: Examining the Painted Stucco Facade from a temple at Kiuc, Yucatan
- 10:00 Ken Seligson, Tomás Gallareta Negrón, Rossana May Ciau and George J. Bey III—Lord of the Ring Structures: Burnt Lime Production and the Ancient Puuc Economy
- 10:15 Rebecca Hill—Over the Hills: Decline and Abandonment of the Bolonchén District
- 10:30 Maggie Morgan-Smith—Fringe Benefits?: Historical Household Investigations at Rancho Kiuc, Yucatan, Mexico
- 10:45 Charles Rappe and William Ringle—Computing Material Culture: The Utility of Mobile Photogrammetric Techniques in Capturing Structures
- 11:00 Questions and Answers

**[128] SYMPOSIUM ■ WHY SOCIAL ARCHAEOLOGY MATTERS****Room:** Asia 2**Time:** 8:00 AM - 11:15 AM**Chairs:** Kristin De Lucia and Santiago Juarez**Participants:**

- 8:00 Kristin De Lucia and Santiago Juarez—Introduction: Why Social Archaeology Matters
- 8:15 April Beisaw—Taking Their Water for Our City: Archaeology and Water Rights in New York and Beyond
- 8:30 Meredith Reifschneider—The Social Politics of Health and Healing: Archaeological Approaches to Social Meanings and Practices of Illness and Well-Being
- 8:45 Stacie King—Global Indigeneity in Southern Mexico and the Value of Social Archaeology
- 9:00 Haeden Stewart and Jason De Leon—"Clean Up Your Mess, Chino": Contested Space, Boredom, and Vulnerability among Central American Migrants Crossing Southern Mexico
- 9:15 Enrique Rodriguez—Social Archaeology and Debating Local Scholars
- 9:30 Jamie Arjona—Indigenous Histories and the Queer Future of Archaeological Anachronism

Friday Morning, April 8

- 9:45 Chelsea Blackmore—Queering the Narrative: Diverse Pasts and Political Futures
- 10:00 Nathan Acebo—Palimpsests in the Colonial Borderland at Black Star Canyon, Orange County, California
- 10:15 Patricia Rubertone—Archaeological Histories of Urban Indians and Why They Matter
- 10:30 Santiago Juarez and Kristin De Lucia—The Social Archaeology of Politics
- 10:45 Anne Pyburn—Responsibility for the Past, Responsibility to the Present
- 11:00 Margaret Conkey—Discussant

**[129] SYMPOSIUM ■ THE RISE AND DECLINE OF TEOTIHUACAN: URBANISM, DAILY LIFE, AND REGIONAL RELATIONS THROUGH TIME**

**Room:** Asia 4

**Time:** 8:00 AM - 11:30 AM

**Chairs:** Sarah Clayton, David Carballo and Rebecca Storey

**Participants:**

- 8:00 Nawa Sugiyama, Saburo Sugiyama, Verónica Ortega Cabrera and William L. Fash—Plaza of the Columns at Teotihuacan: Scope, Goals and Expectations of a New International Project
- 8:15 Andres Mejia Ramon, Luis Barba, Deborah Nichols and Sergio Gomez—Watering Tlaloc's Gardens: Ancient Irrigation in the Teotihuacan Valley
- 8:30 Michael Smith—Housing and Society at Teotihuacan
- 8:45 David Carballo—Urbanism and Domestic Life in the Tlajinga District, Teotihuacan: New Research
- 9:00 Daniela Hernandez Sarinana, Gina Buckley, Doug Kennett, Brendan Culleton and David Carballo—New Research on Ceramics and Chronology from the Tlajinga District
- 9:15 Kenneth Hirth, Mark Dennison, Sean Carr, Sarah Imfeld and Casana Popp—Obsidian craft production at Teotihuacan: A view from Tlajinga 17
- 9:30 Gina Buckley, Rebecca Storey, Kenneth G. Hirth, Douglas J. Kennett and Brendan J. Culleton—Geographical Isotopes, Migration and the Tlajinga District of Teotihuacan
- 9:45 Randolph Widmer—Lapidary Crafting in the Tlajinga Barrio at Sites 17:S3E1 and 18:S3E1, Teotihuacan
- 10:00 Emily McClung De Tapia—Prehispanic Landscape and Agriculture in the Teotihuacan Valley: the Tlajinga área
- 10:15 Alejandro Pastrana—Explotación teotihuacana de obsidiana verde en La Sierra de Las Navajas
- 10:30 David Walton—Use-wear Analysis and Obsidian Tool Functions Before and After Teotihuacan
- 10:45 Tom Froese and Linda Manzanilla—A Network Theoretical Analysis of the Emergence Of Co-Rulership in Ancient Teotihuacan, Central Mexico
- 11:00 Sarah Clayton—A City in Decline: Insights on the Collapse of Teotihuacan from the Southern Basin of Mexico
- 11:15 Deborah Nichols—Discussant

**[130] SYMPOSIUM ■ "CHANGES IN LATITUDES, CHANGES IN ATTITUDES": TRANSITIONS AND THRESHOLDS THROUGHOUT CENTRAL AMERICA AND BEYOND**

**Room:** Northern Hemisphere Salon C

**Time:** 8:00 AM - 11:45 AM

**Chairs:** Samantha Krause and Luisa Aebersold

**Participants:**

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- 8:00 Luisa Aebbersold, Tim Beach, Sheryl Luzzadder-Beach, Tom Guderjan and Fred Valdez—The Blue Creek Rejollada Revisited: Transitional Imprints on Sedimentological Records
- 8:15 Elizabeth De Marigny—Romanizing Production: A study of Castro Ceramics before and after Roman Imperial Expansion in Northwestern Portugal
- 8:30 Jennifer Mathews and John Gust—Life is Bittersweet: The Rise and Fall of the Sugarcane and Rum Industry in the Nineteenth Century
- 8:45 Marc Wolf and Katherine Miller Wolf—Creating an Interdisciplinary Map of Social and Environmental Change through Topography and Bioarchaeology
- 9:00 Jinok Lee—Subsistence Ecology in 5th Century Making of the Shang State, Eastern China
- 9:15 Thomas Guderjan—Did restructuring at the End of the Maya Classic Period Include the Beginnings of Private Land Tenure?
- 9:30 Shannon Iverson—Breaching Spiritual Borders: How Indigenous Religious Ontologies Colonized Christianity
- 9:45 Michael Bletzer—To the Four Winds—Identities and Destinies on New Spain's Far Northern Frontier: the Piro and Tiwa Provinces of New Mexico, c. 1540-1740.
- 10:00 Angelina Locker and Fred Valdez, Jr.—Late Classic to Terminal Classic Maya Transitions: Modeling from NW Belize
- 10:15 Michael Smyth, Timothy Beach and Eric Weaver—Climate Change and Chiefdom Ecodynamics in the Eastern Andean Cordillera of Colombia
- 10:30 Hannah Plumer—Maya Health Through Time in Northwestern Belize
- 10:45 Samantha Krause, Timothy Beach, Sheryl Luzzadder-Beach and Thomas Guderjan—Understanding Environmental Thresholds through Geoarchaeology: Case Studies from the Maya Lowlands
- 11:00 William Doolittle—Discussant
- 11:15 Sheryl Luzzadder-Beach—Discussant
- 11:30 Questions and Answers

**[131] SYMPOSIUM ■ ROCK ART: METHODOLOGY AND INTERPRETATION IN THE ARCHAEOLOGY OF THE SITE**

*(Sponsored by Rock Art Interest Group)*

**Room:** Northern Hemisphere Salon D & DE Corridor

**Time:** 8:00 AM - 11:45 AM

**Chair:** Lenville Stelle

**Participants:**

- 8:00 Michele Hayward, Frank Schieppati and Michael Cinquino—Zoomorphs in Caribbean Rock Art
- 8:15 Paul Langenwaller and Titus Kennedy—Eccleston's Pictograph: The Great Medicine Rock
- 8:30 Daniel Arsenault and Serge Lemaitre—What's new in Canadian Shield Rock Art
- 8:45 Matthew Schmader—Shape Shifters, Spirit Guides, and Portals to Other Worlds in Puebloan Rock Images of the Southwest
- 9:00 Stephen Yerka, Jan Simek and Alan Cressler—Through a Mirror, Darkly: Using Multi-Sensor Imaging Surveys as Basic Data for 3D Spatial Analysis of Cave and Open-Air Rock Art
- 9:15 Sierra Bow, Jan Simek and Alan Cressler—Non-Destructive Analysis of Pictographs at Painted Bluff: Understanding Prehistoric Paint Recipes in the Southeastern United States
- 9:30 Beau Carroll, Tom Belt, Alan Cressler and Jan Simek—Talking Stone: Cherokee Syllabary Inscriptions in Dark Zone Caves
- 9:45 David Whitley—The archaeology of dreams and what it tells us about climate



Friday Morning, April 8

- change
- 10:00 Aurora Skala—"Showing up" at rock art sites: Ethical behavior while using DStretch in Heiltsuk and Wuinkinuxv Territories on the BC Coast, Canada
- 10:15 Audrey Lindsay, Carolyn E. Boyd, Victoria L. Roberts, Jerod L. Roberts and Timothy J. Murphy IV—Taking a Byte out of Rattlesnake: An Overview of the Rattlesnake Canyon Project
- 10:30 Jerod Roberts, Victoria Muñoz and Carolyn Boyd—How to Capture a Photograph worth a Thousand words: Photographic Documentation of Rock Art in the Lower Pecos Canyonlands of Texas
- 10:45 Carolyn Boyd and Timothy J. Murphy IV—Strat is where its at: Analyzing and Managing Complex Mural Stratigraphy at Rattlesnake Canyon, TX
- 11:00 Lindsay Vermillion and Carolyn Boyd —It's not an Illustration; it's a Graphic Database: Rock Art Documentation in the Digital Age
- 11:15 Karen Steelman and Carolyn Boyd—Two Independent Methods for Dating Rock Art: Age Determination of Paint and Oxalate Layers at Eagle Cave, TX
- 11:30 Victoria Roberts, Jerod Roberts and Carolyn Boyd—Getting Up-Close and Personal with Pecos River Style Rock Art

**[132] SYMPOSIUM ■ TERRAFORMING AND MONUMENTALITY IN HUNTER-GATHERER-FISHER LANDSCAPES**

**Room:** Australia 3

**Time:** 8:00 AM - 12:00 PM

**Chairs:** Colin Grier and Margo Schwadron

**Participants:**

- 8:00 Asa Randall and Kenneth Sassaman—Terraforming a Middle Ground in Ancient Florida
- 8:15 Isabelle Lulewicz, Victor Thompson, Thomas Pluckhahn, Oindrilla Das and Fred Andrus—From Habitat Exploitation to Monument Construction: Exploring the Nature of Shell Deposits at Crystal River and Roberts Island through Stable Isotope Geochemistry
- 8:30 Margo Schwadron—Monuments From The Sea: The Prehistoric Shellscales of the Ten Thousand Islands, FL
- 8:45 Matthew Sanger—Points of Revelation and Communication: Interpreting Native American "Monument" Construction in the Coastal American Southeast
- 9:00 Tristram Kidder, Edward Henry and Anthony Ortmann—Jaketown, Pilgrimage, and Poverty Point Era Sacred Monumental Landscapes in the Lower Mississippi Valley
- 9:15 Kenneth Ames, Kisha Supernant, Andrew Martindale, Susan Marsden and Corey Cookson—A Hunter-Gatherer-Fisher Urban Landscape in Prince Harbor, British, Columbia?
- 9:30 Andrew Martindale, Kenneth Ames, Bryn Letham, Kevan Edinborough and Sarah Wilson—Midden Accumulation Rates in Prince Rupert Harbour: New Applications for Percussion Coring
- 9:45 Darcy Mathews—Monumental Stonework and the Making of Places and History on the Northwest Coast of British Columbia
- 10:00 Bill Angelbeck—Trenches, Embankments, and Palisades: Terraforming Landscapes for Defensive Fortifications in Coast Salish Territory
- 10:15 Eric McLay—The Monumentality of Clam Gardens in the Southern Gulf Islands, British Columbia
- 10:30 Colin Grier—Terraforming, Monumentality and Long Term Practice in the Coast Salish World
- 10:45 Junzo Uchiyama and Christopher Gillam—Pottery, Shellmounds, and Monuments: Environmental Impacts and Landscape Management of Hunter-

Friday Morning, April 8

- 11:00 Gatherer-Fisher (HGF) in Jomon Japan  
Kent Lightfoot, Edward Luby, Matthew Russell, Gabriel Sanchez and Thomas Wake—Monumentality in the Hunter-Gatherer-Fisher Landscapes of the Greater San Francisco Bay, California
- 11:15 Daniela Klokler—Modified Landscapes, Modified Views: Transformations in Brazilian Shell Mound Archaeology
- 11:30 Joshua Pollard—Discussant
- 11:45 Timothy Pauketat—Discussant

**[133] SYMPOSIUM ■ RECENT CONSIDERATIONS OF COASTAL SUBSISTENCE PRACTICES IN THE SOUTHEASTERN USA**

**Room:** Southern Hemisphere Salon 3

**Time:** 8:00 AM - 12:00 PM

**Chairs:** GiNESSA Mahar and Alexandra Parsons

**Participants:**

- 8:00 Matthew Napolitano, Traci Ardren, Scott Fitzpatrick, Victor Thompson and Michelle LeFebvre—Subsistence Strategies and Small Island Adaptations: New Evidence from the Florida Keys
- 8:15 Tanya Peres and Theresa Schober—Making Mounds Out of Midden: A Behavioural Analysis
- 8:30 Carol Colaninno, Carla Hadden and Maran Little—Subsistence, Landscape, and Identity as Explored through Archaeofaunal Remains from Northwestern Florida
- 8:45 Sharlene O'Donnell—Zooarchaeological Findings and the Importance of Seascape at Weeden Island Archaeological Site (8PI1)
- 9:00 Joshua Goodwin—From Pots to Pits: Ritual Use of Waterbirds on the Northern Gulf Coast of Florida
- 9:15 Rochelle Marrinan—Vertebrate Fauna from the Grand Mound Shell Ring site (8Du1), Florida
- 9:30 Hayley Singleton—Midden among the mounds: An Ongoing Study of Faunal Remains from a Platform Mound and Adjacent Midden at the Garden Patch Site (8DI4)
- 9:45 C. Fred Andrus—Assessment of Past Subsistence Strategy and Environmental Impacts using Novel Geochemical Analyses of Mollusk Shells
- 10:00 Elizabeth Reitz—Charleston, South Carolina (USA): A Case Study in Using Fish as Evidence of Social Status
- 10:15 Andrea Palmiotto—Fishing Practices and Effective Seasons: An Evaluation of Zooarchaeological-Based Seasonality Studies in the Lower Suwannee Region of Florida
- 10:30 Alexandra Parsons, Rochelle Marrinan and Margo Schwadron—A WEIRd Tale: 2,500 Years of Fishing in an Everglades Slough
- 10:45 Jessica Jenkins—Oyster Mariculture on Florida's Northern Gulf Coast: The Intensification of a Ritual Economy
- 11:00 GiNESSA Mahar—Reconsidering Mass-Capture Fishing Practices: Methodological and Theoretical Implications
- 11:15 Christina Sampson—Site Structure, Community Organization, and the Interpretation of Subsistence Remains
- 11:30 Meggan Blessing, Michelle LeFebvre and Neill Wallis—Eat Local, Think Global? The Intersections of Knowledge, Culture, and Subsistence at Woodland Coastal Sites in the Southeastern USA.
- 11:45 Questions and Answers

Friday Morning, April 8**[134] SYMPOSIUM ■ APPLICATIONS OF ISOTOPE RESEARCH IN ZOOARCHAEOLOGY****Room:** Southern Hemisphere Salon 4**Time:** 8:00 AM - 12:00 PM**Chairs:** Ashley Sharpe and Petra Cunningham-Smith**Participants:**

- 8:00 Holly Miller and Naomi Sykes—Stable Isotopes and the Dynamics of Human-Animal Relationships
- 8:15 Jennifer Jones, Ana B. Marin Arroyo and Michael Richards—Isotopes and Environments: Exploring Palaeoenvironmental Change during the Middle and Upper Palaeolithic in the Cantabrian Region, Northern Spain
- 8:30 Gypsy Price—Discriminating Tastes: Intra-Species Variation in Exploited Fauna at Mycenae, Greece
- 8:45 Tosha Dupras, Gytis Piliciauskas, Rimantas Jankauskas and Giedre Piliciauskiene—Understanding the Neolithic Transition: Stable Carbon and Nitrogen Isotope Analysis of Subneolithic and Neolithic Animals and Inhabitants of the SE Baltic Coast (3200-2500 cal BC)
- 9:00 Elizabeth Arnold, Haskel Greenfield and Aren Maeir—An Examination of Economic Specialization in the Early Bronze Age City of Tell es-Safi Using Isotopic Analysis of Ovicaprine
- 9:15 Chase Brad, Brad Chase, David Meiggs and P. Ajithprasad—Land-Use and Social Networking of the Indus Civilization Explored with Stable Isotopes in Faunal Remains
- 9:30 Benjamin Valentine, Penny Jones and Erik Otárola-Castillo—From Scatterplots to Statistics: Identifying the Local Isotope Range in Multivariate Data
- 9:45 Taylor Hermes, Michael Frachetti, Farhod Maksudov, Alexei Mar'yashev and Paula Doumani Dupuy—Tethered, Ad Hoc, Resilient, or Structured? An Isotopic Investigation of Pastoral Strategies in Montane Ecosystems of Central Asia
- 10:00 Michelle Eusebio, Philip Piper, Fredeliza Campos, Andrew Zimmerman and John Krigbaum—Using Organic Compound-Specific Stable Isotope Ratios to Identify Animals in Prehistoric Foodways of Southeast Asia
- 10:15 Petra Cunningham-Smith—A Preliminary Isotopic Investigation into Ancient Maya Fish Trade
- 10:30 Ashley Sharpe—Isotopic Evidence of Animal Management and Long-Distance Exchange at the Maya Site of Ceibal, Guatemala
- 10:45 Erin Thornton, Kitty Emery, John Krigbaum and Camilla Speller—Biomolecular Approaches to Documenting Ancient Maya Turkey Husbandry and Use
- 11:00 Ellen Lofaro, Jorge Luis Soto Maguino and John Krigbaum—Lamb of God: Caprine use in a Jesuit Church in Early Colonial Ayacucho, Peru
- 11:15 Nicole Mathwich, Alexander Ruff and Barnet Pavao-Zuckerman—Fodder and Water: Isotope Analysis of Livestock Enamel in Southwest Spanish Colonial Settlements in the Pimeria Alta
- 11:30 Paul Szpak—Large changes environmental changes following commercial whaling in the Eastern Canadian Arctic
- 11:45 John Krigbaum—Discussant

**[135] SYMPOSIUM ■ E PUR SI MUOVE: EXPLORING MOBILITIES IN LATIN AMERICA****Room:** Asia 1**Time:** 8:15 AM - 11:15 AM**Chairs:** Danny Zborover and Jamie Forde**Participants:**

- 8:15 Sophie Desrosiers—Textile conceptual ideas as mobility indicators between highlands and coast, Central Andes, c. 200BC-600AD
- 8:30 Aleksa Alaica—Moving the Animal: Camelid Herding on the North Coast of Peru

Friday Morning, April 8

- 8:45 and the Temporalities of Human-Animal Interactions during the Moche Period  
Sara Marsteller, Kelly Knudson, Gwyneth Gordon and Ariel Anbar—A Bioarchaeological Approach to Ychsma Regional Interactions: Stable Oxygen and Radiogenic Strontium Isotopes and Late Intermediate Period Mobility on the Central Peruvian Coast
- 9:00 Lauren Kohut—Surveillance and control in a landscape of war: An examination of mobility and fortification in the Colca Valley, Peru
- 9:15 Gabriel Ramon—Itinerancy and pottery production in the Andes
- 9:30 Flora Vilches and Hector Morales—From Herders to Wage-Laborers and Back Again: Mountain Mobility in the Puna Of Atacama, Northern Chile
- 9:45 Questions and Answers
- 10:00 Juliana Machado and Nivaldo Peroni—Paths and Plants: Territory and Mobility among the Laklänö/Xokleng in Brazil
- 10:15 Guy Hepp—Movement of Goods and Ideas in Early Formative Western and Central Mesoamerica: New Evidence from Coastal Oaxaca, Mexico
- 10:30 Jamie Forde—Volcanic Glass and Iron Nails: Shifting Networks of Exchange at Postclassic and Colonial Achiutla, Oaxaca, Mexico
- 10:45 Danny Zborover and Aaron Sonnenschein —To Move Mountains: Cycles of Indigenous Mobility and Resettlement in Highland Mexico
- 11:00 Scott Hutson—Discussant

**[136] SYMPOSIUM ■ PLURALIDAD EN LOS ESTUDIOS MESOAMERICANOS: REGIONES Y PERSPECTIVAS TEÓRICO METODOLÓGICAS**

**Room:** Asia 5

**Time:** 8:30 AM - 11:15 AM

**Chair:** Mario Martínez Lara

**Participants:**

- 8:30 Mario Martínez Lara—Discussant
- 8:45 Alberto Ortiz Brito—La relación ser humano-paisaje dentro de los grupos olmecas del periodo Preclásico mesoamericano
- 9:00 Yajaira Gómez García—Indicadores arqueológicos de talleres de cerámica en las unidades habitacionales de Cacaxtla-Xochitecatl
- 9:15 María Bertilla Beltrán Malagón—Evidencias prehispánicas y dinamismo cultural en el Centro de Veracruz: el caso de la región de Córdoba
- 9:30 Thania Pérez Chávez—Las representaciones cerámicas de cánidos en la costa del Golfo: consideraciones metodológicas para su estudio.
- 9:45 Erik Chiquito Cortés—Una propuesta de estilo entorno a la pintura mural de Ixcaixtla, Puebla.
- 10:00 Mario Martínez Lara—Cacaxtla en el devenir histórico mesoamericano: una propuesta desde sus expresiones plásticas.
- 10:15 Mariela Viridiana Madrid González—Paisaje religioso: Adoratorios y eventos cívicos
- 10:30 Laura Angélica Romero Padilla—El paisaje, la memoria y los sentidos: ritos de iniciación en el complejo templo-cueva del Kisim en el sitio de CALICA, Quintana Roo
- 10:45 Paola Michel Flores—La culpa es de Kirchhoff: Un análisis en torno a Mesoamérica como categoría geohistórica
- 11:00 Questions and Answers

**[137] SYMPOSIUM ■ RECONSIDERING MISSISSIPPIAN HOUSEHOLDS AND COMMUNITIES**

**Room:** Southern Hemisphere Salon 5

**Time:** 8:30 AM - 11:30 AM

Friday Morning, April 8

**Chairs:** Elizabeth Watts Malouchos and Alleen Betzenhauser

**Participants:**

- 8:30 Elizabeth Watts Malouchos and Alleen Betzenhauser—Creating a Cahokian Community: Rethinking Mississippian Storage Practices
- 8:45 Tamira Brennan—Making Mounds, Making Communities in the Mississippian Period Midwest
- 9:00 Staffan Peterson, Dru McGill and Elizabeth Watts Malouchos—Spatial, Architectural, and Economic Dimensions of Neighborhoods: A Comparison of Three Large Mississippian Sites in Indiana
- 9:15 Adam King—Households, Communities, and the History of Etowah
- 9:30 Brandon Ritchison—Responding to Regional Collapse: A Late Mississippian Community on the Georgia Coast
- 9:45 Stefan Brannan and Jennifer Birch—Multiscalar Community Histories: A Tale of Migration, Aggregation, and Integration in the Lower Chattahoochee River Valley
- 10:00 Questions and Answers
- 10:15 Edmond Boudreaux—The Mississippian Community at Town Creek
- 10:30 Nathan Shreve, Eileen G. Ernenwein, Jay D. Franklin and S.D. Dean—A Flow of People: Household and Community at the Cane Notch Site, a Protohistoric Cherokee Town on the Nolichucky, Upper East Tennessee
- 10:45 Benjamin Steere—Mississippian Communities and Households from a Bird's-Eye View
- 11:00 Cameron Wesson—From Households to Communities and Back Again: Bridging Analytical Scales in Search of Conflict, Coalescence, and Communitas
- 11:15 Jason Yaeger—Discussant

**[138] SYMPOSIUM ■ THE CONTRIBUTIONS OF VERNON SCARBOROUGH IN WATER MANAGEMENT AND SUSTAINABILITY, PART 1: GLOBAL AND COMPARATIVE**

**Room:** Southern Hemisphere Salon 2

**Time:** 9:00 AM - 11:45 AM

**Chair:** Lisa Lucero

**Participants:**

- 9:00 Lisa Lucero—The Contributions of Vernon Scarborough: Introductory Remarks
- 9:15 David Freidel, Mary Jane Acuna and Carlos Chiriboga—Water Mountains and Water Trails: The View from Northwest Peten
- 9:30 Norman Yoffee—Perspectives on Water Management Systems in Mesopotamia
- 9:45 Kenneth Tankersley and Jessica Thress—Salt Pollution and Climate Change at Chaco Canyon, New Mexico
- 10:00 Kathleen Morrison—Other Archaeologies of the Present: Enduring Legacies of Past Land Use
- 10:15 Michael Harrower—Comparative Water Histories: An Outline of Contrastive Juxtaposition as Method in Anthropological Archaeology
- 10:30 Maurits Ertzen—The Good, the Bad, and the Ugly in Ancient Water Systems. Comparative Remarks along the Axes of Small- Large and Dry-Wet
- 10:45 Roland Fletcher—Water, Weather and the Fallacy of the Rationalist—Romanticism Dichotomy
- 11:00 Sander Van Der Leeuw—Looking at the Ancient Maya from the Outside
- 11:15 Carole Crumley—Into International Waters
- 11:30 Questions and Answers

**[139] SYMPOSIUM ■ MOBILITY AND USE OF SPACE IN LATE PLEISTOCENE SOUTH AMERICA: IS IT POSSIBLE TO DISCUSS EARLY HUMAN REGIONAL RANKING?**

**Room:** Northern Hemisphere Salon A4

**Time:** 9:00 AM - 11:45 AM

**Chairs:** César Méndez and Rafael Suárez

**Participants:**

- 9:00 Lucas Bueno and Andrei Isnardis—Mobility and Territoriality in the Early Peopling of Central Brazilian Plateau
- 9:15 Rafael Suárez—The Early Peopling and Use of Space during the Colonization of Southeast of South America
- 9:30 Kurt Rademaker, David Reid, Katherine Moore and Herve Bocherens—The Missing Middle: New Efforts to Understand Early Inter-Zonal Connections in the Peruvian Central Andes
- 9:45 Jose Capriles, Calogero Santoro, Daniela Osorio, Juan Albarracín-Jordan and Claudio Latorre—Mobility Strategies between the Atacama Desert and the Lipez Highlands during the Late Pleistocene
- 10:00 Rodrigo Loyola, Isabel Cartajena, Lautaro Nuñez, Carlos Aschero and Patricio Lopez—Lithic Technology and the Use of Space during the Late Pleistocene-Early Holocene Transition in Imilac and Punta Negra Basins, Atacama Desert (24,5° S)
- 10:15 Carola Flores-Fernandez, Diego Salazar, Laura Olguín, Gabriel Vargas and Camila Arenas—Early Coastal Occupations in Taltal, Southern Atacama Desert, Chile
- 10:30 Nora Flegenheimer, Natalia Mazzia and Celeste Weitzel—Assessing Fishtail projectile point distribution in the Southern Cone
- 10:45 César Méndez, Amalia Nuevo, Omar Reyes, Ivana Laura Ozán and Carolina Belmar—The Initial Peopling of Continental Aisén: New Data from Cueva de la Vieja
- 11:00 Nora Franco, Víctor Durán, Valeria Cortegoso and Gustavo Lucero—Human Ranking of Spaces and the Role of Caches: Case Studies from the South of Patagonia (Argentina)
- 11:15 Questions and Answers
- 11:30 Luis Borrero—Discussant

**[140] GENERAL SESSION ■ TECHNOLOGICAL ADVANCES IN ARCHAEOLOGY**

**Room:** Oceanic 2

**Time:** 10:15 AM - 12:00 PM

**Chair:** Sudhagar Nagarajan

**Participants:**

- 10:15 Laura Short—Quantum Archaeology: Raman Spectroscopy of FCR in South-Central North America
- 10:30 Michael Carter—Virtual Archaeology, Virtual Longhouses and “Envisioning the Unseen” within the Archaeological Record
- 10:45 R Doyle Bowman, Thomas Gruber and Sonya Beach—UAS Vehicles (Drones) and the Documentation Rock Art Effigies on the Great Plains
- 11:00 Megan King—The Functional Analysis of an Expedient Flake Tool Industry: Preliminary Results
- 11:15 Sarah Love—A Cross Comparison in 3D Modeling: The Potential for a Multidisciplinary Approach to Digital Collections
- 11:30 Sudhagar Nagarajan and Christian Davenport—Terrestrial Laser Scanning: A Methodology for Documenting Existing and Extrapolating Past Setting on Archaeological Sites
- 11:45 Peter Day—The Longevity of Ceramic Production Centres: historical contingency in the analysis of pottery.

Friday Morning, April 8**[141] SYMPOSIUM ■ CARIBBEAN ARCHAEOLOGICAL COLLECTIONS: HISTORY, MUSEUMS, AND POLITICS****Room:** Asia 3**Time:** 10:30 AM - 11:45 AM**Chairs:** Mariana Francozo and Paola Schiappacasse**Participants:**

- 10:30 Paola Schiappacasse—Why are Archaeological Collections Relevant in the 21st Century? The Caribbean Experience
- 10:45 André Delpuech—On the Trail of Calinago Ethnographic Objects from the Lesser Antilles in European Museums
- 11:00 Mariana Francozo—Caribbean Archaeological Collections in European Museums: An Overview
- 11:15 Amy Strecker—The Legal Status of Caribbean Collections Abroad
- 11:30 Yasha Rodriguez and Paola Schiappacasse—Legal Analysis of the George Latimer and Agustin Stahl Collections: Can We or Can't We Reclaim, That's the Question!

**[142] SYMPOSIUM ■ BRITISH COLONIAL LANDSCAPES OF THE OUTER CARIBBEAN****Room:** Northern Hemisphere Salon E2**Time:** 10:30 AM - 11:45 AM**Chair:** Allan Meyers**Participants:**

- 10:30 Lorena Mihok—Landscape of Royalization: An English Military Outpost on Roatán Island, Honduras
- 10:45 Michael Pateman, Kelley Scudder and Christopher Davis—Visions of Colonial Landscapes: Through the Eyes of African Caribbean Communities
- 11:00 Allan Meyers—Landscapes of Slavery and Emancipation on Cat Island, Bahamas
- 11:15 Anna Shaw—Settlement Survey of Newfield Plantation, Cat Island, Bahamas
- 11:30 Shannon Murphy—Discovery of Plantation Row Housing on Cat Island, Bahamas

**[143] GENERAL SESSION ■ EURASIA - WEST ASIA****Room:** Northern Hemisphere Salon E3**Time:** 10:30 AM - 11:45 AM**Chair:** Maryann Calleja**Participants:**

- 10:30 William Belcher—Fish Remains in an Early Village Context: Provisioning during the Ravi Phase of the Indus Valley Tradition (Pakistan)
- 10:45 Igor Chechushkov—Age of Heroes: elite warfare during the Eurasian Bronze Age
- 11:00 Lise Truex—Beyond the Palace Walls: Household Perspectives on Living and Working in Late 3rd millennium BC Tell Asmar, Iraq (ancient Eshnunna)
- 11:15 Maryann Calleja and Debra Martin—Using GIS to Analyze the Mortuary Context and Taphonomy of the Bronze Age Commingled Tomb at Tell Abraq
- 11:30 Eli Dollarhide—Impressions of an Early Urban Landscape: Interpreting a Bronze Age Ceramic Motif from 'Amlah, Oman

**[144] GENERAL SESSION ■ ARCHAEOLOGY OF IROQUOIA****Room:** Oceanic 4

**Time:** 10:30 AM - 12:00 PM

**Chair:** Jennifer Birch

**Participants:**

- 10:30 William Engelbrecht and Bruce Jamieson—Bone versus Stone Arrows and the Movement of the St. Lawrence Iroquoians
- 10:45 Jennifer Birch and Sturt Manning—Bayesian Modelling and Refinement of Iroquoian Regional Settlement Histories
- 11:00 Mariane Gaudreau and George Nicholas—Tackling Ethnicity from Anthropological, Archaeological, and Indigenous Perspectives: The Case of the St. Lawrence Iroquoians
- 11:15 Peregrine Gerard-Little—Seeing the Forest for the Trees: Human-Landscape Interactions Explored through Wood Charcoal Assemblages from Three Seneca Iroquois Settlements (1670-1750 CE)
- 11:30 Matthew Kroot—Reinterpreting Winney's Rift: Material Culture, Language, and Ethnogenesis Outside of Iroquoia
- 11:45 Megan Conger—Transformations in Native and European Trade Networks Across Northern Iroquoia

**[145] POSTER SESSION ■ ARCHAEOLOGY OF EUROPE**

**Room:** Atlantic Hall B

**Time:** 10:30 AM - 12:30 PM

**Participants:**

- 145-a Sarah Breiter—After the Dissolution: The Second Life of Monastic Stones
- 145-b Jade Robison, Olivia Navarro-Farr and P. Nick Kardulias—Phoenician Colonization of Nuragic Sardinia: A World-Systems Model of Periphery-Semiperiphery Interaction
- 145-c Ursel Wagner, Friedrich Wagner, Werner Haeusler, Benilde Costa and Jean-Yves Blot—Mössbauer and XRD Study of Roman Amphorae Buried in the Sea for Two Millennia
- 145-d Elizabeth Braden—Coins of the McGhee Collection
- 145-e Carla Pereira—Tektaş Burnu: The Process of Rendering a Period-Accurate Model of a Classical Greek Shipwreck
- 145-f Jordan Bowers—Calculating Moment of Inertia of Spindle Whorls as a Method for Understanding Iron Age Textile Production
- 145-g Britta Spaulding—Revolutionizing Rural Industries: Issues of Access and Scale
- 145-h Paul Kardulias—The Examination of Changing Landscapes through Archaeological Survey in Central Cyprus
- 145-i Eileen Ernenwein, Jeremy Menzer and Frederic Surmely—Ground-penetrating Radar and Photogrammetry in Medieval France: Results from the Auvergne

**[146] POSTER SESSION ■ ARCHAEOLOGY OF EUROPE II**

**Room:** Atlantic Hall B

**Time:** 10:30 AM - 12:30 PM

**Participants:**

- 146-a Christopher Nicholson—A Paleoclimate Model of Neanderthal Landscape-Use during the Last Interglacial
- 146-b Eric Heffter and Dušan Mihailovic—The Role of Artifact Surface Scatters from the Western Morava Valley, Serbia in Understanding Human Population Movements during the Early Upper Paleolithic
- 146-c Gabriel Popescu—Living through the Last Glacial Maximum. A View from the Eastern European
- 146-d Melissa Holst and Jonathan Haws—New Data on Late Magdalenian Lithic



**Friday Morning, April 8**

- Technological Organization at Lapa do Picareiro
- 146-e Brandon Zinsious and Jonathan Haws—Photogrammetry at Lapa de Picareiro: 3D Modeling of a Middle and Upper Paleolithic Cave Site
- 146-f William Rendu, Lionel Gourichon and Stephan Naji—Optimizing Cementochronology for Archaeological Applications: The CemeNTAA Project
- 146-g Kristen Wroth—Phytolith Analysis at Roc de Marsal, SW France
- 146-h Melissa Metzger—Polished Flint Discoidal Knives
- 146-i Petr Kvetina, Klara Neumannova and Richard Ther—Technological Variability of Pottery in Long-Term Perspective: A Case of the Neolithic Settlement at Bylany (Czech Republic)
- 146-j Kyle Freund, Craig Alexander, Robert Tykot, Keri Brown and Italo Muntoni—A Network-Based Approach to the Study of Neolithic Pottery Production in the Tavoliere (Apulia, Italy)
- 146-k Michael Lukas—Geophysical Prospection at Caisteal Mac Tuathal in Perthshire, Scotland
- 146-l Emily Zavodny, Brendan J. Culleton, Sarah B. McClure, Douglas J. Kennett and Jacqueline Balen—The Iapodians in Iron Age Europe: a Stable Isotope and Radiocarbon Dating Program in Northern Croatia
- 146-m Annemieke Milks and Matt Pope—Middle Pleistocene 'Hunting Lesions': Experimental Approaches to an Archaeological Puzzle

**[147] POSTER SESSION ■ ARCHAEOLOGY OF EUROPE III****Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 147-a Ariana Gugora, Tosha Dupras and Erzsébet Fóthi—Childhood and Adulthood Mobility at Medieval (1240s AD) Solt-Tételhegy, Hungary Reconstructed from Stable Oxygen Isotope Analysis
- 147-b Stacia Yoakam and Kathryn Marklein—Once Upon a Höyük
- 147-c Kathryn Allen—Life in Suleiman's Army: Preliminary Investigations of Health in an Ottoman Cemetery Site
- 147-d Niamh Daly, Elise Alonzi and Saskia Ryan—Connecting the Baseline: Applying Radiogenic Strontium ( $^{87}\text{Sr}/^{86}\text{Sr}$ ) Isotopes to Irish Archaeological Research
- 147-e Sabrina Meyer, Frank Rühli and Christian Auf der Maur—Archaeo-Anthropological Analysis of the Early to Late Middle Age (7-14th Century) Parish Church and Graveyard from Sursee, Switzerland
- 147-f Jordan Karsten, Ryan Schmidt, Takashi Gakuhari, Hiromi Matsumae and Hiroki Oota—Paleogenetic Analysis of the Eneolithic (4900–2750 calBC) Trypillian Culture from Verteba Cave, Ukraine
- 147-g Serenela Pelier, Tosha Dupras and Rimantas Jankauskas—Stable Isotope Evidence for the Geographic Origins and Military Movement of Napoleonic Soldiers during the March from Moscow in 1812
- 147-h Marissa Stewart, Francesco Coschino, Antonio Fornaciari and Giuseppe Vercellotti—Advanced GIS Applications for Bioarchaeology: Methods and Case Studies
- 147-i Alexander Smith and Linda Gosner—Site-Based Survey at S'Urachi: Deep History, Thick Shrubs and Historical Connections in West Central Sardinia
- 147-j Kathryn Whalen—The Home Network: X-ray Florescence and Geochemical Data of Post-Medieval Ceramics in Ulster
- 147-k Charlene Murphy—Finding Millet in the Roman World

**[148] POSTER SESSION ■ CANADA, ALASKA**

Friday Morning, April 8**Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 148-a Jacob Earnshaw—Cultural Forests of the Southern Nuu-chah-nulth: Indigenous Bark Tending on Vancouver Island
- 148-b Martina Steffen—Faunal Assemblages from Archaeological Levels at the Croxton Site in Alaska
- 148-c Molly Proue—Dam It! Manipulating Water in the Tolovana Mining District, Alaska
- 148-d Caitlin Holloway—An Archaeobotanical Analysis of the Upward Sun River Site, Central Alaska
- 148-e Travis Jones, Todd Kristensen and Jeff Speakman—Western Canadian pXRF Obsidian Sourcing
- 148-f James Brown, Caitlin Limberg, Anne Parfitt, Patrick Lewis and Patrick McCutcheon—A Statistical Analysis of the Spatial and Temporal Components of the Sunrise Ridge Borrow Pit Site (45PI408), Mt. Rainier, Washington
- 148-g Paige Hawthorne and Lori Phillips—Reaching Out: Public Archaeology at Washington State University
- 148-h Linda Chisholm, Thomas M. Urban, Robert W. Jacob, Dale Vinson and Jillian Richie—Geophysical Survey Meets Cultural Resource Management at Brooks River NHL

**[149] POSTER SESSION ■ STUDYING THE PAST WITH FRAGMENTS FROM THE FIRE:  
STUDENT RESEARCH ON AN NSF-REU FIELD SCHOOL**

**Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Chairs:** Julia Giblin, Paul Duffy and Györgyi Parditka**Participants:**

- 149-a Paul Duffy, Julia Giblin, Györgyi Parditka and László Paja—Studying the Past with Fragments From the Fire: Student Research on an NSF-REU Field School
- 149-b Györgyi Parditka, Paul Duffy, László Paja, Ádám Balázs and Justine Tynan—Rogue Utopians or Bumpkins on the Margin? Bronze Age Mortuary Customs in the Marshlands of the Great Hungarian Plain
- 149-c Anna Szigeti, Virág Varga and Viktória Kiss—A Preliminary Analysis of the Metal Finds From Békés 103
- 149-d Matthew Capece, Tucker Hlad and Jaime Ullinger—Analysis of Color and Fracture Patterns on Burned Bones from the Békés 103 Bronze Age Cemetery
- 149-e Ashley Cercone and Mark Golitko—Ceramics Production and Trade across the Great Hungarian Plain: Chemical Analysis of Bronze Age Ceramics from Békés 103 in Eastern Hungary
- 149-f Edward Bormann, Matthew Capece, László Paja and Julia Giblin—Munsell vs. Hounsfield? A Methodological Comparison in Assessing Cremation Temperatures of Human Bone
- 149-g Kayla Pio and John Marston—Food Offerings and Feasting in Bronze Age Burial Contexts from the Körös Region, Hungary
- 149-h Alana Acuff, Jaime Ullinger and László Paja—Analysis of Possible Anatomical Order in Microexcavated Bronze Age Funerary Urn Material from Hungary
- 149-i Francisco Diaz—The szőlő of wrath: Hungarian Vineyards and Land Use in the 20th Century
- 149-j Agata Kostrzewa and László Paja—Osteoarchaeological Assessment of Generalized Stress Indicators in Skeletons from the Tápé-Széntégláégető Cemetery, Hungary
- 149-k Pranavi Ramireddy, Jaime Ullinger and László Paja—Using Cremain Weight from a Bronze Age Cemetery in Eastern Hungary as an Indicator of Sex

Friday Morning, April 8

- 149-l Pawel Dziechciarz and Dylan Kelly—Geophysical Investigations at the Bronze Age Site of Békés 103 in Eastern Hungary
- 149-m Kalyan Chakraborty—A Virtual Documentation of Excavation through 3D Modeling; Is it Worth the Effort?

**[150] GENERAL SESSION ■ CENTRAL ASIAN ARCHAEOLOGY****Room:** Northern Hemisphere Salon E1**Time:** 10:45 AM - 11:30 AM**Chair:** Steve Markofsky**Participants:**

- 10:45 Ian Buvit, Karisa Terry, Steven Hackenberger, Irina Razgildeeva and Masami Izuho—The Middle Upper Paleolithic of the Transbaikals, Russia: Ice Age Humans in Southern Siberia
- 11:00 Steve Markofsky and Steven Markofsky—The Desert is Coming: A Multi-Proxial Approach to Investigating Late Holocene Human/Environmental Dynamics in the 'Oasis' Margins of Central Asia
- 11:15 Nicole Rose—Scaling Down: Kalmyk Steppe Pastoralist Strategies and Small-Scale Migration

**[151] GENERAL SESSION ■ ARCHAEOLOGY OF THE SOUTHERN PERUVIAN COAST****Room:** Oceanic 7**Time:** 10:45 AM - 12:00 PM**Chair:** Sarah Kerchusky**Participants:**

- 10:45 Sarah Kerchusky—Nasca-Wari Interaction and Imperial Expansion during the Middle Horizon: Excavations at Zorropata, Nasca, Peru
- 11:00 Rodrigo Javier Areche Espinola—Cambando Roles, del centro administrativo al centro ceremonial. El Caso de Cerro Azul, Cañete
- 11:15 Geraldine Huertas Sánchez—¿Quiénes son los Huarco? Análisis de la cerámica tardía del valle de Cañete
- 11:30 Nina Castillo Sánchez—"Textileras": Mujeres de prestigio o formalismo social
- 11:45 Grace Alexandrino Ocaña and Rosa María Varillas Palacios—Cerro de Oro Funerary Practices: Continuity and Change in two Funerary Bundles from the South Coast of Peru

**[152] GENERAL SESSION ■ ARCHAEOLOGY OF THE ISLES: BRITAIN AND IRELAND****Room:** Oceanic 1**Time:** 11:00 AM - 11:45 AM**Chair:** Grant McCall**Participants:**

- 11:00 Grant McCall—Mesolithic Stone Tools and the Organization of Technology at Kenure, Ireland
- 11:15 Sam Nixon and Simon Kaner—Global Perspectives on British Archaeology: 'Engaging with East Anglian Archaeology through a Japanese Lens'
- 11:30 Jennifer Shaffer Foster—Folklore and Fairy Forts: Re-Use of Archaeological Landscapes in Ireland

**[153] GENERAL SESSION ■ MID-ATLANTIC ARCHAEOLOGY**

Friday Afternoon, April 8**Room:** Australia 2**Time:** 11:00 AM - 12:00 PM**Chair:** Lindsay Bloch**Participants:**

- 11:00 Erin Edwards and Anastasia Poulos—Dental Health of the Delmarva Adena—Hopewell Native American of Pig Point Site in Lothian, MD
- 11:15 Lindsay Bloch and Erik Bolling—Improving pXRF Estimates of Elemental Composition for Lead-Glazed Earthenware
- 11:30 Beverly Chiarulli—An Analysis of the Use of Quarries and Workshops by Late Prehistoric People in Western Pennsylvania
- 11:45 Jennifer Rankin and R. Michael Stewart—Paleoindian Archaeology in the Delaware Valley: Insights from the Snyder Site Complex in New Jersey

**Friday Afternoon ■ April 8, 2016****[154] SYMPOSIUM ■ CERÁMICAS CEREMONIALES DE MESOAMÉRICA: FENÓMENOS DE CORTA DURACIÓN****Room:** Oceanic 4**Time:** 1:00 PM - 2:00 PM**Chairs:** Luis Gomez-Gastelum and Arturo Pascual Soto**Participants:**

- 1:00 Raúl Rocha García and Arturo Pascual Soto—Gobernantes y cerámicas ceremoniales del edificio de las columnas de el tajín
- 1:15 Alfonso Grave and Emmanuel Gómez—La cerámica Aztatlán de Sinaloa y Nayarit.
- 1:30 Luis Gomez-Gastelum—Cerámica atoyac inciso de la cuenca de sayula, jalisco. aproximaciones a su iconografía
- 1:45 Luis Gomez-Gastelum—Discussant

**[155] GENERAL SESSION ■ PLEISTOCENE-HOLOCENE TRANSITION ARCHAEOLOGY IN THE AMERICAN WEST****Room:** Australia 2**Time:** 1:00 PM - 2:30 PM**Chair:** A. Dudley Gardner**Participants:**

- 1:00 A. Dudley Gardner and William Gardner—A Comparison of Macro Botanical Materials Recovered from a Multi-Stratified Site in West Central Colorado: Dating from 200-13,000BP
- 1:15 Bretton Giles, Shannon Koerner and Eric Skov—Two Paleoarchaic Sites along Wind Creek in Riley County, Kansas
- 1:30 Robert Rowe—Mammoth and Mastodons....They are What's for Dinner
- 1:45 Edward Knell and Michael DeGiovine—Terminal Pleistocene-Early Holocene Lithic Raw Material Conveyance at Pluvial Lake Mojave and the Southern Conveyance Zone, Mojave Desert
- 2:00 William Jerrems—The Rise and Fall of the Great Basin Pleistocene Lakes and the Possible Influence on Early Paleoindian Inhabitants
- 2:15 Eva Hulse, John L. Fagan and Jason Cowan—Settlement and the Environment in the Northwestern Great Basin

**[156] GENERAL SESSION ■ ARCHAIC AND CERAMIC AGE CARIBBEAN ARCHAEOLOGY**

Friday Afternoon, April 8**Room:** Northern Hemisphere Salon E1**Time:** 1:00 PM - 2:45 PM**Chair:** Jenny Riley**Participants:**

- 1:00 Ángel Vega-deJesús—Use-wear Analysis of Flaked Stone Tools from the Cueva Ventana Site, Arecibo, Puerto Rico
- 1:15 Gizeh Rangel De Lázaro and Armando Rangel Rivero—Cuban Natives Cranial Deformation. The Implications to the Skull Vascular System
- 1:30 Armando Rangel Rivero—American Archaeological Expeditions to Cuba Related with Museo Antropológico Montané
- 1:45 Natasha Fernandez-Perez and Isabel Rivera-Collazo—Plants Used in the Indigenous Caribbean: A Database of Plants in Reference to the Archaeological Literature
- 2:00 Jenny Riley—Possible Evidence of Sloth Butchery: Results from a Faunal Analysis of Padre Nuestro Cavern, Dominican Republic
- 2:15 Jose Garay and Isabel Rivera-Collazo—Subsistence and the Resilience of Coastal Habitats in the Longue Durée
- 2:30 Matt OMansky and Thomas Delvaux—Excavations at the Fresh Lake site (SS-7), San Salvador Island, Bahamas

**[157] ELECTRONIC SYMPOSIUM ■ HUMAN-ENVIRONMENTAL DYNAMICS ON THE ATLANTIC COAST OF NORTH AMERICA****Room:** Oceanic 1**Time:** 1:00 PM - 3:00 PM**Chairs:** John Turck and Torben Rick**Participants:**

- Matthew Betts—Prehistoric Coastal Adaptations to the Northern Gulf Of Maine and its Watershed
- Daria Merwin—Prehistoric Maritime Cultural Landscapes in the New York Bight
- Victor Thompson—Human-Environmental Dynamics of the Georgia Coast
- Traci Adren—Traditional Ecological Knowledge of Coral Reef Small Islands: A History of Human Adaptation in the Florida Keys

**[158] FORUM ■ PRESENTING THE ANCIENT MAYA IN 3D****Room:** Oceanic 2**Time:** 1:00 PM - 3:00 PM**Moderators:** Heather McKillop and E. Cory Sills**Participants:**

- Timothy Hare—Discussant
- Adrian Chase—Discussant
- Jennifer Weber—Discussant
- Brett Houk—Discussant
- Eleanor Harrison-Buck—Discussant
- Alexandre Tokovinine—Discussant
- Heather McKillop—Discussant
- E. Cory Sills—Discussant
- Debra Walker—Discussant
- Gabriel Wrobel—Discussant
- Victoria Harrington—Discussant

**[159] GENERAL SESSION ■ EARLY HUMAN ACTIVITIES IN THE SOUTHEASTERN US**

**Room:** Asia 2

**Time:** 1:00 PM - 3:00 PM

**Chair:** C. Hemmings

**Participants:**

- 1:00 Carolyn Dillan and Charles Bello—Charles Conrad Abbott and the Evolution of Humankind
- 1:15 Margaret Jodry—Learning From Ancestors: A New Interpretation of an 11,100-year-old San Patrice Double Burial From Horn Shelter No. 2, Central Texas, U.S.A.
- 1:30 James Gibb—Archaeological Considerations in the Study of the Anthropocene
- 1:45 James Dunbar—The South-Eastern Warm Thermal Enclave and Perturbations of the Late Pleistocene
- 2:00 Douglas Sain—Pre Clovis at Topper (38AL23): Evaluating the Role of Human versus Natural Agency in the Formation of Lithic Deposits from a Pleistocene Terrace in the American Southeast
- 2:15 Jesse Tune—The Clovis-Cumberland-Dalton Succession: The Evolution of Behavioral Adaptations During the Pleistocene/Holocene Transition
- 2:30 C. Hemmings, J. M. Adovasio, A. E. Marjénin, F. J. Vento and A. Vega—The Old Vero Man Site (8IR009): Current Investigations indicate a Late Pleistocene Human Occupation
- 2:45 Albert Goodyear, I. Randolph Daniel, Jr., Christopher Moore and David Anderson—Paleoindian Responses at the Younger Dryas Boundary: A Case Study from the Carolinas

**[160] SYMPOSIUM ■ PRIMER OF THE ANCIENT MARINER: NEW PERSPECTIVES ON ADNA RESEARCH AND THE PREHISTORIC COLONIZATION OF ISLANDS**

**Room:** Oceanic 7

**Time:** 1:00 PM - 3:15 PM

**Chairs:** Jessica Stone and Scott Fitzpatrick

**Participants:**

- 1:00 Lisa Matisoo-Smith—Welcome to My Nightmare - Ancient DNA from Pacific Islands
- 1:15 Kirsten Ziesemer, Menno L.P. Hoogland, Corinne L. Hofman, Christina Warinner and Hannes Schroeder—Challenging Environments: Ancient DNA Research in the circum-Caribbean
- 1:30 Courtney Hofman, Torben Rick, Sabrina Shirazi and Jesus Maldonado—Archaeogenomics and the Mammals of California's Channel Islands
- 1:45 Maria Nieves Colón, William J Pestle and Anne C Stone—Preliminary Ancient DNA Analysis Suggests a Complex Origins Scenario for Pre-contact Puerto Rican Populations
- 2:00 Justin Tackney, Dennis H O'Rourke and Anne M Jensen—Sweet aDNA O'Mine: The Rise and Fall of Ice Sheets and the Arctic Peopling from Beringia
- 2:15 Hannes Schroeder—Ancient Taino Genome Sheds New Light on the Peopling of the Caribbean
- 2:30 Jessica Stone, Caroline Kisielinski, Justin Tackney and Scott Fitzpatrick—Ghost of the Navigator: Tracking Initial Human Population Dispersal to the Palauan Archipelago
- 2:45 Juan Martínez-Cruzado, Juan Ortiz-Aguilú, Jennifer Raff, Andrés Príncipe and María Nieves-Colón—Ancient mtDNA: Both Amazonian and Andean Migrants in Western Puerto Rico by Late Saladoid Times
- 3:00 Laura Weyrich, Keith Dobney and Alan Cooper—Insights from Neandertal Dental Calculus: Tracking Pacific Colonization Events using Ancient Bacteria

**[161] SYMPOSIUM ■ NORTH AND SOUTH: NEW DIRECTIONS IN MEDIEVAL EUROPEAN ARCHAEOLOGY**

**Room:** Asia 4

**Time:** 1:00 PM - 3:30 PM

**Chairs:** Aleksander Pluskowski and Florin Curta

**Participants:**

- 1:00 Michael Decker—Byzantine Archaeologies
- 1:15 Diego Calan—“L’Isola che non c’è”. Narratives about 8th Century Venice / Malamocco
- 1:30 James Schryver—Crusader Archaeology at the Crossroads of the 21st Century
- 1:45 Katelyn Bolhofner—Beyond Trauma and Disease: Examining the Growth and Potential of Bioarchaeological Research in Iberian Medieval Archaeology
- 2:00 K. Patrick Fazioli—Trade, Technology, and Identity: Current Approaches to Pottery Studies in Late Antique and Early Medieval Europe
- 2:15 Florin Curta—The Archaeology of Medieval Nomadism in Eastern Europe (10th-13th Centuries): The Current State of Research
- 2:30 Matthew Delvaux—Globalizing Graves: Necklaces and Networks of Consumption during the Viking Age
- 2:45 Davide Zori—Advances in Viking Archaeology: Aligning Data, Theory, and the Interdisciplinary Perspective
- 3:00 Katherine French—A Multiscalar Approach to Medieval Animal Remains: From Bone Microstructure to Multiregional Trends
- 3:15 Aleksander Pluskowski—Between Radicalism and Tolerance: Characterising the Rule of a Militarised Christian Theocracy in the Medieval Baltic

**[162] SYMPOSIUM ■ THE CONTRIBUTIONS OF VERNON SCARBOROUGH IN WATER MANAGEMENT AND SUSTAINABILITY, PART 2: THE CLASSIC MAYA**

**Room:** Southern Hemisphere Salon 2

**Time:** 1:00 PM - 3:30 PM

**Chair:** Fred Valdez

**Participants:**

- 1:00 Fred Valdez—Maya Archaeology: Research & Interpretations with Dr. Scarborough
- 1:15 Barbara Fash, Jorge Ramos, Marc Wolff and William Fash—Sacred Water Mountains of the Copan Valley: A View from Rastrojon
- 1:30 Joel Gunn—Three Tropical Thoughts: Vern Scarborough and the Migration to Tropical Ecology
- 1:45 Arlen Chase and Diane Chase—Comparing Ancient Human-Nature Relationships at Tikal, Guatemala and Caracol, Belize
- 2:00 Wendy Ashmore—Upstream, Downstream, Sacred Worlds
- 2:15 Kirk French—The Flow of Knowledge: Ancient Water Systems and Mentorscapes
- 2:30 Questions and Answers
- 2:45 David Lentz—Irrigation Systems and Other Forms of Intensive Agriculture at the Ancient Maya City of Tikal
- 3:00 Nicholas Dunning, Jeffrey Brewer, Timothy Beach, Sheryl Luzzadder-Beach and Vernon Scarborough—Ancient Water Collection and Storage in the Elevated Interior Region of the Maya Lowlands
- 3:15 Jennifer Chmilar—A Flow of Ideas: Water Management from an Aguada and into Wetlands

Friday Afternoon, April 8**[163] SYMPOSIUM ■ CERÁMICA SIN FRONTERAS: DEFINING CULTURAL PHENOMENA AT THE INTERSECTION OF HONDURAS, EL SALVADOR, AND NICARAGUA****Room:** Northern Hemisphere Salon E4**Time:** 1:00 PM - 3:30 PM**Chair:** Clifford Brown**Participants:**

- 1:00 Rosemary Joyce—Rethinking Ceramics as Evidence of Regional Interaction
- 1:15 Marie Kolbenstetter—The Lower Central American Influences on Honduran Polychromy
- 1:30 Elisa Fernández-León and Geoffrey McCafferty—Change and Continuity in the Greater Nicoya Region of Pacific Central America: A Comparison of Two Bagaces to Sapoa Transitional Areas
- 1:45 Larry Steinbrenner—"Nicoya Polychromes" Beyond Greater Nicoya
- 2:00 Geoffrey McCafferty and Shaelyn Rice—In Defense of Plainware Ceramics: Form, Function, and Foodways in Sapoa Period Pacific Nicaragua
- 2:15 Eva Martinez—Chichicaste Ceramics and Regional Interactions in Eastern Honduras
- 2:30 Kelsey Willis and Clifford Brown—The Ceramics of San Antonio, a Site on the Pacific Coastal Plain of Chinandega, Nicaragua
- 2:45 Ashley Gravin Beman—Ceramics, Migrations and Ethnic Identity at the site of Cosmapa Oriental, Department of Chinandega, Nicaragua
- 3:00 Clifford Brown—Pottery of the Department of Chinandega, Nicaragua: Sequence, External Connections, Ethnicity, and Migration.
- 3:15 Questions and Answers

**[164] GENERAL SESSION ■ FLORIDA ARCHAEOLOGY****Room:** Southern Hemisphere Salon 1**Time:** 1:00 PM - 3:30 PM**Chair:** Jessica Cook**Participants:**

- 1:00 Jessica Cook and Nathan Hale—Springs, Stone, and Shell: Recent Excavation at the Econfina Channel Site, a Submerged Archaic Site, Apalachee Bay, Florida, U.S.A.
- 1:15 John Stauffer—Elucidating Fort Walton in Florida: Chronology and Mound Construction at the Lake Jackson Site
- 1:30 Paulette McFadden—Home Is Where the Past Is: The Role of Environmental and Social Factors in Pre-Columbian Settlement on the Northern Gulf Coast of Florida
- 1:45 Janice Campbell, Jennifer Wildt and Prentice Thomas—Strategic Factors in Middle and Late Woodland Settlement Patterns on East Peninsula, Tyndall Air Force Base, Bay County, Florida
- 2:00 Jeffrey Shanks—Midden, Mounds, and Mortuary Cults—Excavations at the Swift Creek and Weeden Island Byrd Hammock Site in Wakulla County, Florida
- 2:15 Matthew Newton—A Good Place to Be: 2015 Phase I Investigations at Wakulla Springs State Park, North Florida.
- 2:30 Emily Jane Murray and Keith Ashley—New Approach to the Shields Mound: Recent Testing of the North Side Ramp
- 2:45 Ian Pawn—Burial and kinship during the St. Johns: A Bioarchaeological study of the Ross Hammock site
- 3:00 Bruce Manzano and Carolyn Rock—Bone Tool Production and Use in the Interior of Southern Florida
- 3:15 Michele Loger—Searching for Shell Mounds in Southwest Florida: An Automated Approach



Friday Afternoon, April 8**[165] SYMPOSIUM ■ CELEBRATING NHPA 50TH THE US FOREST SERVICE WAY - IT'S ALL ABOUT PARTNERSHIPS!***(Sponsored by US Forest Service)***Room:** Oceanic 5**Time:** 1:00 PM - 3:45 PM**Chair:** Susan Stratton**Participants:**

- 1:00 Douglas Stephens—Research, Relevance and Resources; Academic Partners on National Forests
- 1:15 Michael Hilton—Preserving Our Heritage and History: Maximizing Partnerships to Professionally Archive and Manage a Sizable Forest Service Historical Collection
- 1:30 Peter Pilles—Honanki and the Save America's Treasures Project: Partnerships in Preservation, Research, and Interpretation
- 1:45 William Reed—Partners, Passports, Parsimony, and Preservation
- 2:00 Susan Stratton—Innovation Equals Great Partners
- 2:15 Jeff Walker, Don Hann, Cathy Lindberg and Alicia Beat—Celebrating Partnerships and Investigating Historical Cultural Diversity in the Pacific Northwest Region of the US Forest Service
- 2:30 Melissa Twaroski—Celebrating Partnerships in Preservation: The Southern Region of the U.S. Forest Service and the 50th Anniversary of the National Historic Preservation Act
- 2:45 Velicia Bergstrom—Partnering Louisiana Style
- 3:00 Troy Ferone—Paying It Forward: Collaborative Heritage Stewardship in the Forest Service's Eastern Region
- 3:15 Keri Hicks—Fish Traps, Kayak Surveys, Culture Camps – NHPA in Alaska National Forests
- 3:30 Douglas Stephens—Discussant

**[166] SYMPOSIUM ■ LONG-TERM SETTLEMENT DYNAMICS AND LAND USE ON THE MANI PENINSULA OF SOUTHERN GREECE****Room:** Oceanic 3**Time:** 1:00 PM - 3:45 PM**Chairs:** William Parkinson and Chelsea Gardner**Participants:**

- 1:00 William Parkinson, Anastasia Papathanasiou, Michael Galaty, Daniel Pullen and Giorgos Papathanassopoulos—The Diros Project: Multidisciplinary Investigations at Alepotrypa Cave and Ksagounaki Promontory, 2010-2015
- 1:15 Panagiotis Karkanas—Microstratigraphic Study of the Neolithic Alepotrypa Cave, Mani, Greece
- 1:30 Daniel Pullen—Measuring Ceramic Change and Variability at Final Neolithic Diros
- 1:45 Aikaterini Psoma—Ksagounaki, Diros: An Open Air Site of the Final Neolithic from the Viewpoint of Chipped Stone Tools
- 2:00 Danielle Riebe and Attila Gyucha—A Home Above the Bay: A Neolithic Domestic Structure on the Mani Peninsula
- 2:15 Julia Giblin and Anastasia Epitropou —Human mobility during the Greek Neolithic: A multi-isotope analysis of the burials from Alepotrypa Cave
- 2:30 Questions and Answers
- 2:45 William Ridge—Alepotrypa Cave and Regional Networks of Southern Greece
- 3:00 Michael Galaty—Collective Memory and the Mycenaeans: The Argolid,

- Messenia, and the Mani Compared  
 3:15 Chelsea Gardner—Local Identity in the Mani Peninsula in Classical Antiquity  
 3:30 Rebecca Seifried—The Post-Medieval Settlements and Road Network of the Mani Peninsula, Greece

**[167] GENERAL SESSION ■ BRAZILIAN ARCHAEOLOGY AND ETHNOARCHAEOLOGY**

**Room:** Asia 3

**Time:** 1:00 PM - 3:30 PM

**Chair:** Caroline Caromano

**Participants:**

- 1:00 Mark Robinson—Dual Organisation and Mortuary Ritual: Architectural and Archaeobotanical Evidence for the Southern Proto-Je, Brazil and Argentina  
 1:15 Michael Haslam—Wild Capuchin Monkey Archaeology  
 1:30 Marcia Bezerra—Living Things: Fishermen, Archaeologists and Fish-Traps in Amazon, Brazil  
 1:45 Rosicler Silva, Julio Rubin de Rubin, Daniel Santos Correa, Sergia Meire da Silva and Jordana Batista Barbosa—New Perspective in the GO-CP04 Archaeological Site Goiás, Brazil.  
 2:00 Caroline Caromano and Rui Murrieta—Adding Fuel to the Fire: An Ethnoarchaeological study of Fire amongst the Asurini of Xingu, Brazilian Amazon  
 2:15 Jonas DeSouza, Mark Robinson, Jose Iriarte, Francis Mayle and Paulo DeBlasis—Understanding the Occupation History of Oversized Pit Houses in the Southern Brazilian Highlands: Bayesian Modelling and High Resolution Chronology of the Baggio 1 Site  
 2:30 Myrtle Shock—News from Unknown Parts of the Amazon, Interfluvial Sites Come to Light  
 2:45 Andrei Isnardis—Interaction through Time: Diachronical Composition of Rockart Panels in Central Brazil  
 3:00 Christopher Davis—Potential Paleoindian Quarry Site in Brazil's Lower Amazon  
 3:15 Francisco Antonio Pugliese—The Search for Places in Southwestern Archaeology: Ancient Landscape Building in the Madeira and Purus Basins and Long-Term Indigenous History

**[168] GENERAL SESSION ■ NEW APPROACHES IN SOUTHWESTERN ARCHAEOLOGY**

**Room:** Asia 5

**Time:** 1:00 PM - 3:45 PM

**Chair:** Scott Ingram

**Participants:**

- 1:00 Sean Dolan—Blue Birds and Black Glass: Traditions and Communities of Practice during the Coalition to Classic Period Transition on the Pajarito Plateau, New Mexico  
 1:15 Jim Railey—Radiocarbon Dates and Local Variation in Long-term Trends in Far Southeastern New Mexico  
 1:30 Neal Ackerly—Prehistoric Land Use in the Southern Tularosa Basin, New Mexico  
 1:45 Robert Hard, John R. Roney, A.C. MacWilliams, Mary Whisenhunt and Mark Willis—Early Agricultural Period Cerros de Trincheras on the Upper Gila River, Arizona  
 2:00 Cindy Sandoval, Enrique Chacon, Elsa Olimpia Palacios, Erika Rosales and Magdalena García—Archaeological Project Pipeline Chihuahua-Durango (Preliminary Results)

**Friday Afternoon, April 8**

- 2:15 Shelby Manney—Material as Behavior: The Role of Generative Information Mechanisms in Restricting and Aiding in Settlement Dynamics
- 2:30 Andrea Anderson and Tom Rocek—GIS Modeling of Agricultural Suitability in the Highlands of the Jornada Branch of the Mogollon Culture of southcentral New Mexico
- 2:45 Amy Warren, Lisa Sattenspiel, Alan C. Swedlund and George J. Gumerman, III—A Family of Five is Not the Same as One Household: The Effects of Disaggregation on Demographic Outcomes in Archaeological Simulation Models
- 3:00 Scott Ingram—Collapse in the North American Southwest: A Comparative Study
- 3:15 Christina Chavez, Charles Frederick and Arlo McKee—Analysis and 3D Modeling of Pithouse Architecture during the Developmental-to-Coalition period Transition in the Albuquerque Basin
- 3:30 Christopher Goodmaster and Erin Helton—Paleolandscape Reconstruction and Modeling in the Lower Pecos River Valley

**[169] SYMPOSIUM ■ THE CERRO JAZMÍN ARCHAEOLOGICAL PROJECT 2008-2015:  
DISCUSSING EARLY URBANISM AND CITY LIFE IN LATE AND TERMINAL FORMATIVE  
MIXTECA ALTA, MEXICO**

**Room:** Asia 1

**Time:** 1:00 PM - 4:00 PM

**Chair:** Veronica Perez Rodriguez

**Participants:**

- 1:00 Veronica Perez Rodriguez—Cerro Jazmín and its Urbanism in Context
- 1:15 Iziar Martínez Rojo and Verónica Heredia—From Second Tier to First Tier: Cerro Topiltepec in Light of New Research
- 1:30 Antonio Martínez Tuñón—Construyendo Estatus. El urbanismo emergente visto desde una unidad doméstica de élite.
- 1:45 Mariana Navarro Rosales—Terraza 504, aproximaciones a su función y conformación dentro de Cerro Jazmín
- 2:00 Christian Medellín Martínez and Verónica Pérez Rodríguez—La producción lítica y su papel en la economía de Cerro Jazmín
- 2:15 Gabriela García Ayala—La Terraza 912, un espacio domestico del Cerro Jazmín
- 2:30 Questions and Answers
- 2:45 Ricardo Higelin Ponce De Leon—Cultural Modification of Human Remains at Cerro Jazmín, Mixteca Alta
- 3:00 Gilberto Pérez-Roldán and M. Fabiola Torres-Estévez—El aprovechamiento del recurso faunístico en el Cerro Jazmín, Oaxaca.
- 3:15 Leah Minc, Jeremias Pink and Veronica Perez Rodriguez—Evaluating the Evidence for Ceramic Exchange with the Valley of Oaxaca during the Late to Terminal Formative
- 3:30 David Carballo—Discussant
- 3:45 Arthur Joyce—Discussant

**[170] SYMPOSIUM ■ PAPERS IN HONOR OF LAWRENCE GUY STRAUS**

**Room:** Northern Hemisphere Salon C

**Time:** 1:00 PM - 4:00 PM

**Chair:** Lisa Fontes

**Participants:**

- 1:00 Geoffrey Clark—Lithics, Landscapes & la Longue-Durée—Curation as an Expression of Forager Mobility
- 1:15 Michael Petraglia—Climate Change and Out of Africa Dispersals
- 1:30 Kaoru Akoshima—Late Wurm Adaptive Systems in Tohoku Japan: Viewed from

Friday Afternoon, April 8

- Lithic Use-Wear Analysis
- 1:45 Nuno Bicho, João Marreiros, João Cascalheira and Mussa Raja—An Early Gravettian Point Cache from Vale Boi: Implications for the Arrival Of Anatomically Modern Humans to Southern Iberia
- 2:00 Jonathan Haws—Human Occupation of Lapa do Picareiro (Portugal) during the Last Glacial Maximum
- 2:15 Bradley Vierra—The Origins of Agriculture and Neolithic in the American Southwest: The View from Western Europe
- 2:30 Manuel Gonzalez-Morales—Lawrence Straus on Palaeolithic Art: How to Marry Art and Adaptation?
- 2:45 Rebecca Schwendler—Beers with Lawrence and Insights into Magdalenian Visual Display at El Mirón Cave
- 3:00 Lisa Fontes—Passage through a Palimpsest: Lower Magdalenian Lithic Manufacture and Maintenance Patterns in El Mirón Cave, Cantabria, Spain
- 3:15 David Kilby—Le Volgu: A North American Perspective on a Biface Cache from the French Upper Paleolithic
- 3:30 C. L. Kieffer—The Impact of Lawrence Straus on Mesoamerican Cave Studies
- 3:45 Lawrence Straus—Discussant

**[171] SYMPOSIUM ■ INEQUALITY FROM THE BOTTOM UP: MEASURING AND EXPLAINING HOUSEHOLD INEQUALITY IN ANTIQUITY**

**Room:** Northern Hemisphere Salon A3

**Time:** 1:00 PM - 4:00 PM

**Chairs:** Tim Kohler and Michael Smith

**Participants:**

- 1:00 Tim Kohler and Katie Grundtisch—Gini Coefficients and the Measurement of Inequality: An Introduction
- 1:15 Anna Prentiss, Thomas Foor, Kristen Barnett and Matthew Walsh—Cooperation, Labor, Sharing, and Inequality in a Long-Lived Household, Bridge River Site, British Columbia
- 1:30 Amy Bogaard, Valasia Isaakidou, Erika Nitsch and Amy Styring—The Agroecology of Inequality: Novel Bioarchaeological Approaches to Early Urbanization in Western Asia and Europe
- 1:45 Nicholas Ames, Meredith Chesson, Ian Kuijt and Rahul Oka—Complex but Equal: Developing an Archaeological Inequality Index to Investigate Social Inequality at the Bronze Age III site of Numayra, Jordan
- 2:00 Questions and Answers
- 2:15 Alleen Betzenhauser—Measures of Inequality in the Mississippian Heartland
- 2:30 Matthew Pailes—Spatial and Temporal Variability in Hohokam Inequality
- 2:45 Ronald Faulseit, Gary Feinman and Linda Nicholas—Wealth Inequality in the Late Classic Valley of Oaxaca: A Domestic Perspective
- 3:00 Timothy Dennehy, Jacqueline Fox and Michael Smith—Housing Inequality in Premodern Cities
- 3:15 Christian Peterson and Robert Drennan—Letting the Gini Out of the Bottle: Hazards of Measuring Inequality Archaeologically
- 3:30 Diane Chase—Discussant
- 3:45 Jose Lobo—Discussant

**[172] SYMPOSIUM ■ COLOR, STRUCTURE AND MEANING IN ANCIENT ANDEAN FIBER ARTS**

**Room:** Northern Hemisphere Salon A4

**Time:** 1:00 PM - 4:00 PM

**Chairs:** Sarah Baitzel and Gary Urton

Friday Afternoon, April 8**Participants:**

- 1:00 Ann Peters—Color Patterns and Aspects of Significance in the Paracas Necropolis
- 1:15 Sarah Baitzel—Color, Structure, and Society in the Tiwanaku State
- 1:30 Susan Bergh—Dress Codes: Color Patterning in Wari Tapestry-Woven Tunics
- 1:45 Jeffrey Splitstoser—Color, Structure, and Meaning in Middle Horizon Khipus
- 2:00 Gary Urton—Color in Wari and Inka Khipus
- 2:15 Dennis Ogburn—Unraveling the Relationship between Color and Meaning of Cords in Matching and Related Inka Khipu
- 2:30 Colin McEwan—The Ties that Bind—Color, Structure and Meaning on Miniature Tupu Cords
- 2:45 Blenda Femenias—The Colors of the Coya's Robes
- 3:00 Elena Phipps—Nuance, Brilliance and Sheen: Textile Color Qualities in the Andean World
- 3:15 Rebecca Stone—"Color and Q'iwa: Expecting the Unexpected in Andean Textile Design"
- 3:30 Elodie Dupey—Discussant
- 3:45 Eulogio Guzmán—Discussant

**[173] GENERAL SESSION ■ CHINA AND JAPAN****Room:** Northern Hemisphere Salon E3**Time:** 1:00 PM - 3:45 PM**Chair:** Daniel Kwan**Participants:**

- 1:00 Hiroto Takamiya, Hitoshi Yonenobu, Taiji Kurozumi and Takeji Toizumi—Prehistoric Human Impacts to Islands of Amami and Okinawa, Japan
- 1:15 Yoko Nishimura—The 'Ritualization' of Comma-Shaped Magatama Beads from the Jōmon to Yayoi Periods in Japan
- 1:30 Yasuyuki Yoshida—The Prehistoric Jomon and Ideological Conflict in Contemporary Japan
- 1:45 Francis Allard—Out of Sight and Out of Mind? The Non-Funerary Burial of Objects in Early Southeast China
- 2:00 Daniel Kwan and Leping Jiang—An Overview of Technological Changes in the Pottery of the Early Holocene Shangshan Culture, Zhejiang Province, China
- 2:15 Xiuzhen Li, Andrew Bevan, Marcos Martínón-Torres, Yin Xia and Kun Zhao—Who Made the China's Terracotta Warriors and How?—Spatial Interpretation on Marking Evidence
- 2:30 WengCheong Lam, Jianrong Cong and Xingshan Lei—Formation of Iron Market System in the Capital Area of the Qin and Han Dynasties
- 2:45 Xiao Chen, Steffan Gordon and Zhuo Sun—Palaces and Power in Early China: Comparative Analysis between Shang and Zhou Elite Courtyard Complexes
- 3:00 Yuqi Li and Xin Wang—Bronze Age to Early Iron Age Pastoralist settlements in Xinjiang, China
- 3:15 Xiaohong Wu and Ofer Bar Yosef—The Chronology of Early Pottery in South China
- 3:30 Yanxi Wang—Landscape Variability and Regional Settlement Pattern of Shang's Periphery: From Regional Full-Coverage Surveys

**[174] SYMPOSIUM ■ METHODOLOGICAL TOOL OR PARADIGM SHIFTER? ASSESSING THE STATUS OF GIS IN ARCHAEOLOGICAL RESEARCH****Room:** Southern Hemisphere Salon 5

Friday Afternoon, April 8**Time:** 1:00 PM - 4:30 PM**Chairs:** Meghan Howey and Marieka Brouwer Burg**Participants:**

- 1:00 Meghan Howey—GIS Let Me See It: Building More Robust Models of Past Movement with Geospatial Modeling
- 1:15 Marieka Brouwer Burg—It Must Be Right, GIS Told Me So! Questioning the Infallibility of GIS as a Methodological Tool
- 1:30 Mark McCoy—Geospatial Big Data in Archaeology: Prospects, Problems, and How it will Shape the Future of Archaeology
- 1:45 Robert Gustas, Kisha Supernant, Andrew Martindale, Bryn Letham and Kenneth Ames—Least Cost Analysis of Movement Events during the Early Holocene/Late Pleistocene on the Northwest Coast
- 2:00 Eric Jones—GIS as Method or Theory: The Settlement Ecology of Middle-Range Societies in Southeastern North America, AD 1000-1600
- 2:15 Questions and Answers
- 2:30 Heather Richards-Rissetto—What does GIS + 3D Equal for Landscape Archaeology?
- 2:45 Steven Wernke and Teddy Abel Traslaviña—A GIS of Movement and Sensory Experience at a Planned Colonial Town in Highland Peru
- 3:00 Raymond Hunter and Steve Kosiba—Politics of Property: A GIS Analysis of the Shifting Value of Agricultural Land in Colonial Cusco
- 3:15 Thomas Whitley—Rethinking Experimental Archaeology: GIS and Simulation as a Hypothesis-Testing Mechanism.
- 3:30 Tiffany Earley-Spadoni—Light the Beacons! GIS Analysis of Fortress Inter-Visibility in Iron Age Armenia
- 3:45 Gary Lock—Discussant
- 4:00 John Kantner—Discussant
- 4:15 Marcos Llobera—Discussant

**[175] SYMPOSIUM ■ ROCK ART AND SACRED SPACES: RECENT APPROACHES TO THE STUDY OF RITUAL LANDSCAPES****Room:** Northern Hemisphere Salon D & DE Corridor**Time:** 1:00 PM - 4:45 PM**Chair:** Mark Wagner**Participants:**

- 1:00 Jan Simek and Alan Cressler—Landscapes of Mississippian Rock Art in the Southeast
- 1:15 Johannes Loubser—Betwixt and Between: Petroglyph Boulders on Liminal Locations in the Southeastern Mountains
- 1:30 Marsha Sims—"Selfies": Culture Heroes Shown in Rock Art
- 1:45 Russell Weisman—Marking Time and Place—Eclipse Representations in the Late Prehistoric Rock Art of the Central Mississippi River Valley
- 2:00 Alex Ruuska—Shamanistic Rock Art Motifs: Dynamic and Emplaced Performances of the Sacred among the Ojibway
- 2:15 Paola Dematte and Paola Demattè—Ritual Landscapes in Prehistoric China
- 2:30 Sandra Olsen—Sacred Spaces vs. Public "Billboards" in Saudi Arabian Rock Art Placement
- 2:45 Brigitte Faugere—The Scales of the Landscape in Tarascan Rock art of the Postclassic Period (AD 1200-1520): The Petroglyphs of El Paraiso, Zacapu, Michoacan (Mexico).
- 3:00 Alejandro Figueroa—Mountain Doorways: Caves, Shelters, and Rock Art in Past and Present Southwestern Honduras
- 3:15 Franz Scaramelli and Kay Scaramelli—Rock Art in the Construction of Social

Friday Afternoon, April 8

- Space in the Parguaza River, Venezuela
- 3:30 Julio Amador—Defining Sacredness of Rock Art Sites in the Sonoran Desert
- 3:45 Andres Troncoso—Animating Sacred Landscapes through Making Rock Art
- 4:00 Alice Tratebas—Landscape, Rock Art, and Ceremonial Game Drives
- 4:15 Karly Law, Ben Chiewphasa and Lorena Craig—Phylogenetic Approaches in Examining Western North American Rock Art: The Evolution of the Shield-Bearing Warrior Motif
- 4:30 Jewel Gentry and Donna L. Gillette—Marking the Sacred: Rock Art Images in an Unusual Context

**[176] SYMPOSIUM ■ NEW METHODS IN ZOOARCHAEOLOGY***(Sponsored by Zooarchaeology Interest Group)***Room:** Southern Hemisphere Salon 4**Time:** 1:00 PM - 5:00 PM**Chairs:** Angela Perri and Sarah MacIntosh**Participants:**

- 1:00 Pam Crabtree—Background to New Methods in Zooarchaeology: Identifying, Storing, and Recording Faunal Collections that will be Used by other Researchers
- 1:15 Sarah Witcher Kansa and Eric C. Kansa—Questioning Data Standards in Zooarchaeology
- 1:30 Sarah Neusius and Bonnie Styles—Faunal Database Preservation and Collaborative Zooarchaeology by the Eastern Archaic Faunal Working Group
- 1:45 Martin Welker, Jonathan Burns, Jennifer Haney and Sarah McClure—A Database Approach to Historic Military Provisioning
- 2:00 Rick Cantrill—Pest, Prey or Domesticated: *Odocoileus virginianus* in the Maya World
- 2:15 Erik Otárola-Castillo, Max Price and Jesse Wolfhagen—Zooarch, A Statistical Package for Zooarchaeologists
- 2:30 Jesse Wolfhagen—Age and Sex Composition of Zooarchaeological Measurements via Bayesian Mixture Models
- 2:45 Luc Doyon—Morphometric Analysis of Aurignacian Bone, Antler and Ivory Projectile Points
- 3:00 Amanda Burt, Alex Badillo, Lindsey Kitchell and Gary Motz—Identifying Canid Tooth Modification: A Side-by-side Comparison of 3D Imaging Techniques
- 3:15 Deanna Grimstead and Barnett Pavao-Zuckerman—Historical Continuity in Southern Arizona Free Range Ranching Practices: Carbon, Oxygen, and Strontium Isotope Evidence from two 18th Century Missions
- 3:30 Silvia Valenzuela-Lamas—Urbanisation and Animal Husbandry in Ancient Western Europe: How Territoriality Affects Negatively Husbandry Productivity
- 3:45 Melanie Beasley, Ian Orland, John Valley and Margaret Schoeninger—SIMS reveals Diagenesis and Seasonal Paleoprecipitation: A New Method for Reconstructing Past Environments
- 4:00 Alan Outram—Integrating Lipid Residue Analysis into Zooarchaeological Research
- 4:15 Vivian Scheinsohn, Pablo Marcelo Fernández, Mercedes Grisel Fernández, Florencia Garrone and Mercedes Salado—Taxonomical Identification by Cytochrome b: A Patagonian Case
- 4:30 Christian Gates St-Pierre, Krista McGrath, Keri Rowsell and Matthew Collins—The Identification of Archaeological Bone through Non-Destructive ZooMS: The Example of Iroquoian Bone Projectile Points
- 4:45 Anna Linderholm, Ardern Hulme-Beaman, Allowen Evin, Keith Dobney and Greger Larson—Deciphering Dog Domestication: A Combined Ancient DNA and

## Geometric Morphometric Approach

**[177] SYMPOSIUM ■ FIRE, FOOD, FARMS, AND FORTIFICATIONS: RECENT ADVANCES IN THE ARCHAEOLOGY OF AFRICA***(Sponsored by Society of Africanist Archaeologists)***Room:** Australia 3**Time:** 1:00 PM - 5:00 PM**Chairs:** Amanda Logan and Adrienne Daggett**Participants:**

- 1:00 Sarah Hlubik, Francesco Berna, Russel Cutts, David Braun and JWK Harris—Identifying fire in Early Stone Age: A Study of Site FxJj20 AB, Koobi Fora, Kenya
- 1:15 Kathryn Ranhorn, David Braun, Christian Tryon and Alison Brooks—Late Pleistocene lithic Technological Patterns in East Africa
- 1:30 Justin Pargeter—Cinciliths: A New Term Describing Systematic Small-Unretouched Tool Production
- 1:45 Teresa Steele, Esteban Álvarez-Fernández, Emily Hallett-Desguez, Mohamed El-Hajraoui and Harold Dibble —Coastal Marine Resource Exploitation during the Late Pleistocene at Contrebandiers Cave (Temara, Morocco)
- 2:00 Kimball Banks, J. Signe Snortland, Linda Scott Cummings, Donatella Usai and Maria Gatto—Ye Olde Fishing Hole: A Late Paleolithic Fishing Camp, Wadi Kubaniya, Egypt
- 2:15 Teresa Wriston and Gary Haynes—Late Holocene Foraging and Early Farming in Northwestern Zimbabwe: Excavations and Analysis of Rock Shelters and an Open-Air Village Site
- 2:30 Frank Winchell, Chris Stevens, Charlene Murphy, Louis Champion and Dorian Fuller—Cereals and Ceramics: Another Look at the Late Neolithic Development of the Butana Group in Eastern Sudan during the 4th Millennium BC
- 2:45 Philippa Ryan—Cereals and Agricultural Risk Management in Northern Sudan, Past and Present
- 3:00 Questions and Answers
- 3:15 Willeke Wendrich, Rachel Moy and Hans Barnard—Rescue Excavations at Mai Adrasha (Ethiopia)
- 3:30 Scott MacEachern and David Wright—Fieldwork on Iron Age Sites of the Benoué Valley, Cameroon, in 2014
- 3:45 J. Cameron Monroe—"More Field than Habitation, and Far More Fallow than Field": Settlement Patterns, Farming Practices, and Demographic Change on the Abomey Plateau, Republic of Bénin
- 4:00 Cameron Gokee and Matthew Kroot—Relocate, Aggregate, or Fortify?: Exploring Local Responses to Atlantic Era Entanglement in Southeastern Senegal
- 4:15 Ann Stahl and Amanda Logan—Scaling Food Practices: Contextual Comparison of Animal and Plant Remains from Banda, Ghana, during the Early Atlantic Era
- 4:30 Melissa Goodman Elgar and Amanda Logan—Earthen Dwellings from Banda, Ghana: Geoarchaeological Analyses of Archaeological and Modern Structures
- 4:45 Aribidesi Usman—A Report of Recent Excavation at Okete-Kakini Palace Precinct, Idah, Niger-Benue Confluence, Nigeria

**[178] SYMPOSIUM ■ OLMEC, CHAVIN, AND THINGS IN BETWEEN: A COMPARATIVE APPROACH TO EMERGENT COMPLEX SOCIETIES****Room:** Southern Hemisphere Salon 3**Time:** 1:00 PM - 5:00 PM**Chair:** Jeffrey Dobereiner



Friday Afternoon, April 8**Participants:**

- 1:00 Jeffrey Dobereiner—Are Two Heads Still Better than One? Considering a Unified Origin for American Social Complexity
- 1:15 Mark Aldenderfer—Early Expressions of Persistent Leadership and Inequality in the Andean Preceramic
- 1:30 Takeshi Inomata—The Development of Sedentary Communities in the Maya Lowlands in a Comparative Perspective
- 1:45 James Zeidler—Configuring Space in a Valdivia Town: Social Precepts, Cosmological Mandates, and Emergent Hierarchy in Early Formative Ecuador
- 2:00 Barbara Arroyo—Early Ceramics, Human Mobility, And Interaction: Original Developments Of The Pacific Coast In Connection With South America
- 2:15 Francisco Valdez—Early Complexity in the Upper Amazon: The Mayo Chinchipe-Marañón
- 2:30 Deborah Nichols and Wesley Stoner—Before Teotihuacan: The Origins of Complex Society in the Northeast Basin of Mexico
- 2:45 John Janusek—Formative Urbanism in the Andean Lake Titicaca Basin
- 3:00 Rebecca Gonzalez Lauck—On the Question of Olmec Architecture and Sculpture Beyond the Gulf Coast
- 3:15 John Rick—Brothers of Invention: Comparing Trends in Innovation in the New World Formative
- 3:30 Michael Blake—Eating and Drinking Maize: Diverging Roles for a Staple Crop in the Formative Americas
- 3:45 John Hoopes—Absolute Chronology of the Early Formative Revisited: Bayesian Analysis, Radiocarbon Chronology, and the Emergence of Pottery in the Americas
- 4:00 Richard Lesure, Greg Schachner, Kate Bishop, Brittany Jackson and Reuven Sinensky—The Scale of Formative Transitions in the Americas: Inferences Based on the Texture and Timing of Demographic Changes
- 4:15 Lane Fargher—Power in Middle Range Societies: A Cross-Cultural Perspective
- 4:30 David Browman—Discussant
- 4:45 Miriam Stark—Discussant

**[179] GENERAL SESSION ■ CRAFT PRODUCTION AND EXCHANGE IN MESOAMERICA****Room:** Northern Hemisphere Salon E2**Time:** 1:00 PM - 5:00 PM**Chair:** Lucas Martindale Johnson**Participants:**

- 1:00 Lucas Martindale Johnson and Lisa M. Johnson—A Materialist Perspective on Ancient Maya Flaked Stone Technology: Chert Blade-Core Artifacts from Caracol, Belize
- 1:15 Marc Marino, Nathan Meissner and Lucas Martindale Johnson—Source Variability and Technological Variation of Domestic Lithic Production at Santa Rita Corozal, Belize, during the Late Postclassic Period
- 1:30 Mayya Azarova—Belizean Jade: Why Such a Rich Periphery?
- 1:45 Kelsey Sullivan and Jaime J. Awe—Ancient Maya Craft Specialization in the Belize Valley
- 2:00 Joshua Kwoka and Alyce de Carteret—Debitage and Diminutive Domiciles: Late-Terminal Classic Lithic Production, Consumption, and Raw Material Availability at El Zotz, Guatemala
- 2:15 Isabel Medina-González, Manuel E. Espinosa-Pesqueira and Gregory Pereira—Mesoamerican Silver Bells: New Data on Proto-Tarascan Archeometallurgy
- 2:30 Emiliano Melgar and Emiliano Gallaga—The Blue Stones from Chiapa De Corzo: Mineralogical Identification and Manufacture

Friday Afternoon, April 8

- 2:45 Jeffrey Blomster and Victor E. Salazar—Production, Consumption, and Multicrafting in the Formative Mixteca Alta, Mexico
- 3:00 Mari Carmen Serra Puche, Aurelio López Corral and Alonso Gabriel Vicencio Castellanos—Changes in Obsidian Supply during the Classic to Postclassic Transition in Prehispanic Puebla-Tlaxcala
- 3:15 Daniel Pierce—Finding Glass from the Glass: Obsidian Source as a Costly Signal
- 3:30 Katrina Kosyk—Notes from the Past: Identifying Communities of Practice within Musical Gestures and Production Techniques of Pre-Columbian Greater Nicoya Aerophones from the Tempisque Period (500 B.C.–A.D. 300)
- 3:45 Aurelio Lopez Corral, Mari Carmen Serra Puche and Gabriel Vicencio Castellanos—Changes in Obsidian Supply during the Classic to Postclassic Transition in Prehispanic Puebla-Tlaxcala
- 4:00 William Folan, Joel Gunn and Ma. del Rosario Dominguez—Calakmul, Campeche: Its Comings and Goings in a Market Economy
- 4:15 Paulina Poot, Javier Rivas Romero and William J. Folan—The Peten Campechano: A Functional and Socioeconomic Analysis of its Settlement Patterns
- 4:30 Jeanne Lopiparo—Making and Breaking: Domestic Craft Production, Fragmentation, and Enchainment at Classic Period Chinikihá, Mexico and Curruté, Honduras
- 4:45 Nezahualcoyotl Xiuhtecutli and Aurelio Lopez Corral—Plaza, Trade, and Politics in Postclassic Tlaxcallan

**[180] POSTER SESSION ■ EAST AND SOUTHEAST ASIA****Room:** Atlantic Hall B**Time:** 1:30 PM - 3:30 PM**Participants:**

- 180-a Xiangqun Wu, Xu Zhang and Hong Zhu—The Health and Nutritional Condition Research on the Skeletal Human Remains from Dabaoshan in Inner Mongolia, China
- 180-b Katherine Brunson, Zhipeng Li and Rowan Flad—The Oracle Bone Project: Tracing the Spread and Development of Oracle Bone Divination in Ancient China
- 180-c Chihhua Chiang—The Projectile Points at the Wansan Site, Neolithic Taiwan
- 180-d Qun Zhang, Quanchao Zhang, Xiaofang Gao, Tao Han and Hong Zhu—Cultural Exchanges along the Ancient Silk Road—A Case of Cranial Trepanation from the Early Iron Age in Xinjiang, China
- 180-e Areerut Patnukao—Spatial Analysis of the Dharmacakras Distribution Associated with the Dvāravatī Period, Thailand
- 180-f Christopher Morgan, Loukas Barton and Bayarsaikhan Jamsranjav—Paleoenvironment and the Hunter-Herder Transition in Northwestern Mongolia
- 180-g Michael Price, Christopher Jazwa, Douglas Bird and Rebecca Bliege Bird—A Field Processing Model that Accounts for the Cost of Home Labor
- 180-h Richard Ciolek-Torello, Michael Heilen, Jeffrey Homburg, Amraturvshin Chunag and Gunchinsuren Byambaa—Modeling Archaeological Site Location in Northern Mongolia: The Northern Railways Archaeological Project
- 180-i Zeng Wen, Yongsheng Zhao, Hong Zhu and Jiawei Li—Genetic Structure of Ancient Population of the Early Bronze Age Qijia Culture and Genetic Contribution Present-Day Chinese
- 180-j Wen Yin (Elaine) Cheng—Raw Material Sources of Bronze Vessel Production during the Shang and Zhou Dynasties
- 180-k Wugan Luo, Qihuang Yang, William D. Gilstrap and Michael D. Glascock —INAA and LA-ICP-MS Analysis of Painted Pottery from the Central Area of Yangshao

Friday Afternoon, April 8

- 180-l Culture (ca. 5000-7000 BP), Northwest China  
Puheng Nan, Wugan Luo, Virginie Renson, Michael D. Glascock and Wei Qian—Lead Isotope Study of the Jin State Bronze Artifacts from Wayaopo Site, Shanxi Province, Northwest China
- 180-m Loukas Barton, Christopher Morgan and Bayarsaikhan Jamsranjav—Stone Tool Typology and Chronology from Late Pleistocene to Middle Holocene Northwest Mongolia

**[181] POSTER SESSION ■ AFRICAN ARCHAEOLOGY****Room:** Atlantic Hall B**Time:** 1:30 PM - 3:30 PM**Participants:**

- 181-a James McGrath—Ochre in the Desert: Preliminary Sourcing and Colorimetric Results from Two Stone Age Sites in the central Namib Desert
- 181-b Sarah Himes, Maryse Beirnat, Fikremariam Sissay, David Patterson and David Braun—Landscape Stability and Paleoecology at East Turkana, Northern Kenya: A Spatial and Temporal Analysis of Paleosol Gross Morphology and stable Carbon Isotopes during the Upper Burgi, KBS, and Okote Members (2-1.4 Ma)
- 181-c Chloe Daniel, Shelby Putt and Robert Franciscus—Investigating Other Causes for Stone Flake Features Attributed to Handedness
- 181-d Daniel Peart, Sara Watson, Hannah Keller and Naomi Cleghorn—Variation in Site Use through Time: Find Distribution at Knysna Eastern Heads Cave 1, (Western Cape, South Africa), from Marine Isotope Stage 3 through the Last Glacial Maximum
- 181-e Jonathan Reeves, Jonathan Scott Reeves, Melissa Miller and David R. Braun—Modeling the Formation of Lithic Surface Assemblages through the Application of Aerial Photography And Photogrammetry
- 181-f Jennifer Keute—Chemical Analysis of Fatty Acid Residues on Archaeological Pottery of Pastoralist Communities in Northern Tanzania
- 181-g Brian Clark—Ethiopia's Peripatetic Royal Capitals and Prospects for Their Study
- 181-h Tommy Budd and Amanda Wissler—Testing Differential Frailty in a Nubian Sample
- 181-i Margaret-Ashley Veall—Stuck like Glue: Case Studies in Assessing the Variability of Hafting Adhesives during the Southern African Later Stone Age
- 181-j Ryan Szymanski—Landcover Change and Economic Change during the Iron Age in Western Kenya
- 181-k Benjamin Smith—Barbed Bone Points: Ethnoarchaeological and Archaeological Perspectives on Selective Fishing on the Shores of Lake Turkana.
- 181-l Ella Beaudoin, Russell Cutts, David Braun and J.W.K. Harris—Evidence of Early Fire? Spatial Patterning and Stratigraphic Anomalies at FxJj20Main-Extension-0

**[182] POSTER SESSION ■ THE ARCHAEOLOGY OF OCEANIA****Room:** Atlantic Hall B**Time:** 1:30 PM - 3:30 PM**Participants:**

- 182-a Justin Cramb—An Archaeological Pilot Study on Manihiki and Rakahanga, Two Remote Atolls in East Polynesia
- 182-b John Swogger—Thinking Outside The Panel: Using comics to engage with multiple audiences during archaeological field schools
- 182-c Christopher Jazwa, Michael Price and Douglas Bird—Archaeological Implications for an Agent-Based Model of Subsistence Intensification in the Western Desert of Australia

Friday Afternoon, April 8

- 182-d Taylor Dodrill, Mila Lassuy, Nicholas Jew and Scott Fitzpatrick—Stable Oxygen Isotope Analyses and Paleoenvironmental Reconstructions from Mollusks in Palau, Micronesia

**[183] POSTER SESSION ■ CARIBBEAN ARCHAEOLOGY****Room:** Atlantic Hall B**Time:** 1:30 PM - 3:30 PM**Participants:**

- 183-a Veronica Velasquez, Carlos Salgado, Dolores Tenorio and Melania Jiménez—Geochemical Analysis of Spanish-style Amphorae in the Mexican Caribbean
- 183-b Katelyn Schoenike, Olivia Navarro-Farr and Fox Georgia—Diverse Identities of Plantation Life: Midden excavation on Betty's Hope Plantation
- 183-c Jonathan Hanna and Michael Jessamy—Community Archaeology at the St. John's River Site, Grenada
- 183-d Virginia Harvey, Mike Buckley, Phillip Manning, Victoria Egerton and Andrew Chamberlain—Mammal Species Diversity on Cayman Brac (Cayman Islands) via Collagen Fingerprinting
- 183-e Katie Simon, Christine Markussen and Cameron Monroe—Mapping Sans-Souci: Geophysical Survey at the Palace of Henry Christophe, Haiti

**[184] POSTER SESSION ■ EASTERN MEDITERRANEAN, CAUCASUS, NEAR EAST****Room:** Atlantic Hall B**Time:** 1:30 PM - 3:30 PM**Participants:**

- 184-a Alper Basiran and Cevdet Merih EREK—The Prehistoric Cultures in the Turkish Republic of Northern Cyprus
- 184-b Daniel Plekhov, Christopher H. Roosevelt and Christina M. Luke—Application of Architectural Energetics Models to the Iron Age Tumuli of Bin Tepe in Lydia, Western Turkey
- 184-c John Marston and Emily Ubik—Wheat and Barley Morphometrics: A New Method for Quantifying Ancient Cereal Varietals
- 184-d Rachel Cohen—Landscapes of Death and Burial in the South Caucasus: The Kurgans of Naxçivan, Azerbaijan
- 184-e Kathryn MacFarland—GIS Models of an Iron Age Central Eurasian Macro-scale Religious Landscape
- 184-f Jennifer Everhart—Cracking Concretions: Methods for removing Carbonate Encrustations from Faunal Remains
- 184-g Eric Hubbard, Olivia Navarro-Farr and Aaron Burke—Empire and Rebellion: Egyptian Imperialism and Insurgency in the Late Bronze Age Levant
- 184-h Kassi Bailey—The Town Mouse and the Country Mouse: Emergence of Pest-Host and Commensal Relationships at Aşıklı Höyük, Turkey
- 184-i Daniel Fallu and Justin Holcomb—The Role of Bronze Age People in the Post-Bronze Age Landscape: An Integrated Geoarchaeological Approach to Site Formation at Mycenae, Greece

**[185] POSTER SESSION ■ WESTERN CANADA, BRITISH COLUMBIA, NORTHWEST COAST****Room:** Atlantic Hall B**Time:** 1:30 PM - 3:30 PM**Participants:**

- 185-a Justin Junge and Shelby Anderson—Using GIS to Evaluate Models of Late

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- 185-b Holocene Settlement Patterns in Northwest Alaska  
Robert Speakman, Sergey Slobodin and Jeffrey Rasic—Obsidian Sourcing in Western Beringia
- 185-c Meghan Burchell, Natasha Leclerc and David Grant—Trace Elements in Archaeological Shells: Limits and Potential for Seasonality and Paleoclimate Studies
- 185-d Emilia Tifental, Anna Marie Prentiss and Meradeth Snow—The Bridge River Dogs: A Comprehensive interpretation of aDNA and stable isotopes analysis obtained from dog remains

**[186] FORUM ■ ADDRESSING SEXUAL HARASSMENT AND ASSAULT IN ARCHAEOLOGY***(Sponsored by Women in Archaeology Interest Group)***Room:** Oceanic 4**Time:** 3:00 PM - 5:00 PM**Moderators:** Meagan Thies and Ashley Jones**Participants:**

Kristen Barnett—Discussant  
Margaret Conkey—Discussant  
Justin Jennings—Discussant  
Maureen Meyers—Discussant  
Dawn Rutecki—Discussant  
Brenda Todd—Discussant

**[187] SYMPOSIUM ■ FORENSIC ARCHAEOLOGY****Room:** Australia 2**Time:** 3:00 PM - 5:00 PM**Chair:** Kimberlee Moran**Participants:**

- 3:00 Ann Marie Mires and Claire Gold—Being Found: A Fundamental Human Right
- 3:15 Paul Martin and Blair Tormey—To Dig or Not to Dig? A Case Study of Suspected Remains Buried under Concrete
- 3:30 Sharon Moses—Life Among the Tombstones: Forensics Crosses Paths with Hoodoo
- 3:45 Erin DuBois, Tony Waldron, Kate Bowers and Carolyn Rando—An Examination of the Spatial Distribution of the Tissue Fragments created during an Explosive Event
- 4:00 Ryan Seidemann and Christine Halling—Lessons Learned from the Courts: Forensic Archaeology and Anthropology in Recent United States Jurisprudence
- 4:15 Dana Kollmann—Bridging the Gap: Bringing Archaeology into the Forensic Forum
- 4:30 Martin McAllister and Brent Kober—The Value of Forensic Archaeology Training for All Law Enforcement Officers: A Case Example
- 4:45 Craig Goralski and Alexis Gray—Can We All Get Along? Bridging the Divide Between Forensic Anthropologists, Forensic Archaeologists, and Law Enforcement Personnel

**[188] GENERAL SESSION ■ LANDSCAPE, SETTLEMENT PATTERNS, AND ARCHITECTURE IN EUROPEAN ARCHAEOLOGY****Room:** Oceanic 1**Time:** 3:15 PM - 5:00 PM

Friday Afternoon, April 8

**Chair:** Kevin Wiley

**Participants:**

- 3:15 Gary Shaffer—Transmission of Architectural Knowledge through Agricultural Practice
- 3:30 Caroline Von Nicolai—Long Distance Networks in Neolithic Europe
- 3:45 Zenobie Garrett—Dynamic Communities in Early Medieval Aquitaine: A GIS Analysis of Roman and Medieval Landscapes in the Vézère Valley, France
- 4:00 Aaron Pattee, Bernhard Höfle and Christian Seitz—Integrative 3D Recording Methods of Historic Architecture, Burg Hohenecken Castle from Southwest Germany
- 4:15 Nadya Prociuk—Awash in Meaning: Exploring the Symbolic and Ritual Functions of the Iron Age Bathing Structures of the Iberian Northwest
- 4:30 Kevin Wiley—Social Networks in the European Neolithic
- 4:45 Esmeralda Agolli—The Use of Space: Settlement Pattern during the Late Prehistory in the Lake of Small Prespa (Southeast Albania)

**[189] GENERAL SESSION ■ ARCHAEOLOGY OF THE MEDITERRANEAN**

**Room:** Oceanic 2

**Time:** 3:15 PM - 4:45 PM

**Chair:** Petra Vaiglova

**Participants:**

- 3:15 Alan Simmons— Why Colonize? A Case Study of the Early Neolithic Colonization of the Island Of Cyprus
- 3:30 Andrew Cabaniss and Kristen Mann—A Bayesian Framework for Combining Architectural Constraints and Artifact Assemblages in Domestic Spaces
- 3:45 Petra Vaiglova, Amy Bogaard, Panagiotis Karkanias and Maria Pappa—Preparing the Feast: Understanding the Nature of Agricultural Economy at Neolithic Makriyalos, Northern Greece, using Multiple Isotopes
- 4:00 Zuzana Chovanec and Sean Rafferty—Detecting Olive Oil and Other Mediterranean Plant Oils: Experimental Considerations in Differentiating Lipids in Ancient Residues
- 4:15 Gregory Zaro, Martina Celhar, Dario Vujevic and Kenneth C. Nystrom—Nadin-Gradina and the Process of Urbanization in the Eastern Adriatic
- 4:30 Emily Sussman and Megan Perry—Comparing Methodologies for Documenting Commingled and Fragmentary Human Remains

**[190] GENERAL SESSION ■ CANADIAN ARCHAEOLOGY**

**Room:** Asia 2

**Time:** 3:30 PM - 4:45 PM

**Chair:** Andrew Lints

**Participants:**

- 3:30 Andrew Lints, John Ives and Kristine Fedyniak—Little Pots, Big Implications: Analysis of Devils Lake Sourisford Ritual Pottery Vessels
- 3:45 Kisha Supernant—Mobility, Material Culture, and Metis Identity: A Comparison of 19th Century Wintering Camps in the Canadian West
- 4:00 Aaron Coons, Kisha Supernant and Terry Gibson—Remote Sensing at the Buffalo Lake Métis Wintering Site (FdPe-1): Follow-Up Results
- 4:15 Jessica Munkittrick, Alison Harris, Kelly-Anne Pike and Vaughan Grimes—"They are One with the Tides of the Sea": Diets of Settlers and Sailors in Newfoundland during the 17th to 19th Centuries
- 4:30 John Campbell—Kaskisebook Tett L'nuk—People on the Edge of the Riverbank:

Friday Afternoon, April 8

New Perspectives of the Transitional Archaic from the Annapolis River, Nova Scotia

**[191] SYMPOSIUM ■ HERITAGE TOOLS FOR TACKLING CLIMATE CHANGE**

**Room:** Northern Hemisphere Salon E1

**Time:** 3:30 PM - 5:00 PM

**Chair:** David Gadsby

**Participants:**

- 3:30 Pei-Lin Yu, Robert Kelly, Craig Lee, Ira Matt and John Murray—Climate Change, Archaeology, and Native Expertise: an Ice Patch Success Story
- 3:45 Sandra Pentney—Future Proofing Communities and Preserving Cultural Resources
- 4:00 Marcy Rockman and Marissa Morgan—The NPS Cultural Resources Climate Change Impacts Table
- 4:15 David Gadsby and Lindsey Cochran—Using Site Condition Data to Manage Heritage Sites for Climate Change Impacts
- 4:30 George Hambrecht, Ennis Barbary, Elizabeth van Dolah and Kevin Gibbons—International Efforts to Engage with Climate Based Threats to Cultural Heritage
- 4:45 Tom Dawson—Discussant

**[192] SYMPOSIUM ■ CAPTIVITY AND SLAVERY IN VIKING AGE SCANDINAVIA**

**Room:** Oceanic 7

**Time:** 3:45 PM - 5:00 PM

**Chair:** Ben Raffield

**Participants:**

- 3:45 Neil Price—Slavery and the Vikings: Archaeological Perspectives
- 4:00 Ben Raffield—Cross-cultural Comparative Approaches to Viking Slavery
- 4:15 Charlotte Hedenstierna-Jonson and Torun Zachrisson—Back and Forth along the Eastern Slave Route. Archaeological Traces of long-Distance Trafficking
- 4:30 Anna Kjellström—Slavery and the Subaltern: Bioarchaeological Analyses of Viking Age Swedish Populations
- 4:45 Elise Naumann—Diet and Slavery in Viking Age Norway—the Potential of Isotope Analyses of Human Remains in Studies of Social Differences

**[193] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY OF THE MIDWEST**

**Room:** Asia 4

**Time:** 4:00 PM - 5:00 PM

**Chair:** James VanderVeen

**Participants:**

- 4:00 Douglas Kullen—Archaeological Signatures for Mechanized Threshing Operations in the Midwest and the Plains
- 4:15 James VanderVeen, Rebecca Gibson and Sabrina Lute—Founding Daughters and Wives: Looking For Women in a Male Dominated Artifact Assemblage
- 4:30 Patrick Finnigan and James VanderVeen—Historical and Archaeological Investigation into the "Triangle Land" in South Bend's West Washington District
- 4:45 Jessica Yann—British Era Trade in the Midwest

Saturday Morning, April 9**[194] GENERAL SESSION ■ CHACO ARCHAEOLOGY****Room:** Southern Hemisphere Salon 2**Time:** 4:00 PM - 5:00 PM**Chair:** Hannah Mattson**Participants:**

- 4:00 Kristin Safi and Andrew Duff—Exchange and Resource Procurement During the Chaco Era in the American Southwest
- 4:15 Jennie Sturm—Using Ground-Penetrating Radar to Re-evaluate the Chetro Kett Field Complex in Chaco Canyon, New Mexico
- 4:30 Hannah Mattson—Directionality in Ceramic Vessel Construction and Ceremonial Circuitry in the Ancestral Pueblo World: A Case Study from Pueblo Bonito
- 4:45 Paul Reed—Protecting Greater Chaco: Recent Efforts to Save a Fragile Cultural Landscape

**Saturday Morning ■ April 9, 2016****[195] GENERAL SESSION ■ MORTUARY PRACTICES IN THE ANCIENT SOUTHWEST****Room:** Southern Hemisphere Salon 5**Time:** 8:00 AM - 9:00 AM**Chair:** Aaron Wright**Participants:**

- 8:00 Jill Neitzel—His Life before He Died: Pueblo Bonito's Burial #14
- 8:15 Aaron Wright and Will Russell—Home Bodies: An Examination of House Cremation among the Hohokam
- 8:30 Francesca Neri—Cross-Cultural Examination of Mortuary Practices of the Southern Sinagua and Prescott Culture
- 8:45 Meradeth Snow, Martha Gustafson and Kathy Gore—Kiva B Internments at the Mine Canyon Site, New Mexico: a Bioarchaeology and Ancient DNA Approach

**[196] GENERAL SESSION ■ ARCHAEOLOGY OF THE LATE INTERMEDIATE PERIOD AND INKA OCCUPATION****Room:** Northern Hemisphere Salon A4**Time:** 8:00 AM - 9:15 AM**Chair:** James Crandall**Participants:**

- 8:00 Jordan Dalton—Chincha Farmers: Understanding Inca Expansion, Strategies, and Motivations at Las Huacas, Chincha Valley
- 8:15 Marcio De Figueiredo—Symbolic Patterns of Northern Peruvian Coast Pottery in Inca Times
- 8:30 Jameson Yong—I Am a Rock: A Comparison of Lithic Art and Artifacts from the Inca and Ychsma Cultures
- 8:45 James Crandall—Household Practice and Spatial Fashioning in the Chachapoya Community of Purunllacta de Soloco
- 9:00 William Pratt, David Brown and Ryan Hechler—Cochasquí under the Inka: Reassessing the Inka Presence in Northern Ecuador

**[197] GENERAL SESSION ■ LANDSCAPE STUDIES****Room:** Asia 5**Time:** 8:00 AM - 9:15 AM**Chair:** Adam Sutherland



Saturday Morning, April 9**Participants:**

- 8:00 Kristy Primeau and David Witt—Soundscapes in the Past: Towards a Phenomenology of Sound at the Landscape Level
- 8:15 Adam Sutherland and Montana Martin—What Remains: Using LiDAR to Examine the Effects of Plowing on Memories and Mounds in Illinois
- 8:30 Casey Campetti—High and Dry: A Look at the Relict Nipissing Shoreline of Isle Royale National Park, Michigan
- 8:45 Philippe De Smedt and Marc Van Meirvenne—A New Perspective on Landscape Archaeology through Electromagnetic Induction Survey
- 9:00 Timothy Matney, Sarah E Travaly, Linda R Barrett and David S Perry—Detecting and Characterizing Archaeological Deposits Using In Situ Shallow Subsurface Spectroscopy

**[198] SYMPOSIUM ■ FRAMING THE LOCAL WITHIN THE REGIONAL: CURRENT RESEARCH IN THE CUSCO REGION, PERU**

**Room:** Northern Hemisphere Salon E4

**Time:** 8:00 AM - 9:30 AM

**Chairs:** Maeve Skidmore and Kylie Quave

**Participants:**

- 8:00 Camille Weinberg, Nicole Payntar and R. Alan Covey—Ecological Variation and Trajectories of Village Settlement in Formative Cusco
- 8:15 Amanda Sinclair—New Perspectives on the Identities and Ideologies of Localized Ancient Andean Communities through the Examination of Figurines
- 8:30 Véronique Bélisle—The Development of Inequality in Middle Horizon Cusco: Entheogens and Ritual Ceremonies to the Rescue
- 8:45 Maeve Skidmore and Sarah Kennedy—A New Look into Camelid Management in Middle Horizon Cusco
- 9:00 R. Alan Covey and Kylie Quave—Multiscalar Analysis of an Early Rival to Inca Power
- 9:15 Brian Bauer, Javier Fonseca Santa Cruz and Miriam Araoz Silva—Excavations at Vilcabamba

**[199] GENERAL SESSION ■ LEVANT ARCHAEOLOGY**

**Room:** Oceanic 1

**Time:** 8:00 AM - 9:30 AM

**Chair:** Benjamin Porter

**Participants:**

- 8:00 Carney Matheson, Cory Vickruck, Chris McEvoy and Robert Mason—Ancient Explosives from Jerusalem Identified on the Analysis of the Mysterious Sphero-Conical Ceramic Vessels using Archaeological Chemistry
- 8:15 Deniz Kaya, Deniz Enverova, Mark Schurr and Meredith Chesson—Searching for Complexity: Initial Statistical Analysis of Mortuary Material in Shaft Tombs from the Early Bronze Age I (c. 3500-3000 BC) Bab adh-Dhra', Jordan
- 8:30 Benjamin Porter, Stephanie Brown, Katie Simon, Andrew Wilson and Christine Markussen—Documenting an Iron Age Townscape at Busayra (Jordan) using Geophysical Survey Techniques
- 8:45 Brady Liss and Thomas Levy—Waste Not, Want Not: Exploring the Archaeological Significance of a Copper Production Waste Mound at Khirbat al-Jariya, Faynan, Jordan
- 9:00 Tara Stanko and Megan Perry—Entheses Changes as a Reflection of Activity Patterns at 1st century BC./A.D. Petra
- 9:15 Daniel Perez and Jon Carroll—Reconstructing the History of Archaeological

Research at Tel Lachish

**[200] GENERAL SESSION ■ PLAINS LITHIC ANALYSIS**

**Room:** Oceanic 3

**Time:** 8:00 AM - 9:30 AM

**Chair:** Russell Skowronek

**Participants:**

- 8:00 Bruce Kaiser, Jennifer DeGraffenried and Nathan Nelson—A Novel Method to Accurately Source Obsidian and Basalt Artifacts
- 8:15 David Howe—Projectile Dysfunction
- 8:30 Russell Skowronek, Juan Gonzalez, James Hinthore and Ronald Bishop—El Sauz Chert: Physical and Chemical Characterization of a Long-Used Lithic Resource in South Texas
- 8:45 Andrew Hoskins—A Point of Order on Great Basin Projectile Typologies and Chronologies
- 9:00 Brendon Asher—Clovis and Folsom from the Central Plains: Projectile Point Breakage, Distributions, and Material Types as Indicators of Prehistoric Land Use and Subsistence Strategies
- 9:15 William Ankele and Meghan J. Dudley—"One of These Things Is (Not?) Like the Other:" A Reassessment of Middle and Late Archaic Projectile Point Types in the Rocky Mountains and Great Plains

**[201] DEBATE ■ THE SOUTHWEST IN THE WORLD: A DISCUSSION OF TIME, DISTANCE, POLITICS, SCIENCE AND HISTORY IN SOUTHWESTERN PREHISTORY**

**Room:** Asia 2

**Time:** 8:00 AM - 10:00 AM

**Moderator:** Erin Baxter

**Participants:**

- Stephen Lekson—Discussant
- Severin Fowles—Discussant
- Ruth Van Dyke—Discussant
- Timothy Pauketat—Discussant
- Tim Kohler—Discussant
- Barbara Mills—Discussant

**[202] FORUM ■ FOR THE RECORD: ARCHAEOLOGICAL ARCHIVES IN THE 21ST CENTURY**  
*(Sponsored by Committee for Museums, Collections, and Curation)*

**Room:** Oceanic 4

**Time:** 8:00 AM - 10:00 AM

**Moderator:** Katie Kirakosian

**Participants:**

- Terry Childs—Discussant
- Katie Kirakosian—Discussant
- Dorothy Lippert—Discussant
- Dominik Lukas—Discussant
- Francis McManamon—Discussant
- Bernard Means—Discussant
- Fraser Neiman—Discussant
- Angela Neller—Discussant
- Karimah Kennedy Richardson—Discussant

Wendy Teeter—Discussant  
 Heather Thakar—Discussant  
 Stephen Whittington—Discussant

**[203] FORUM ■ TRIBAL HISTORIC PRESERVATION IN THE UNITED STATES: KEY ISSUES AND DIALOGUES**

*(Sponsored by Indigenous Populations Interest Group; Committee on Native American Relations)*

**Room:** Oceanic 2

**Time:** 8:00 AM - 10:00 AM

**Moderator:** Sara Gonzalez

**Participants:**

Paul Backhouse—Discussant  
 Christopher Casserino—Discussant  
 Briece Edwards—Discussant  
 Shaunna Hawkins—Discussant  
 Patricia Garcia-Plotkin—Discussant  
 Dennis Lewarch—Discussant  
 Ora Marek-Martinez—Discussant  
 Maureen Mahoney—Discussant  
 Guy Moura—Discussant  
 Kelsey Noack Myers—Discussant  
 William Quackenbush—Discussant

**[204] POSTER SESSION ■ SOUTH AMERICAN ARCHAEOLOGY II**

**Room:** Atlantic Hall B

**Time:** 8:00 AM - 10:00 AM

**Participants:**

- 204-a Nina Coonerty, Susan Kuzminsky and Lars Fehren-Schmitz—A Reappraisal of Cranial Shape among Prehistoric South Americans and its Implications for the Peopling of the New World
- 204-b Veronica Acevedo—Combined Use of Different Lines of Evidence for the Analysis of Polychrome Archaeological Ceramics of the Quebrada De Humahuaca, Jujuy, Argentina
- 204-c Gabriela Ore Menendez—Multiscale Geospatial Image Analysis of Agricultural Landscapes and Architecture in Highland Peru
- 204-d Marta Alfonso-Durruty, Flavia Morello, Miguel Vilar, Nicole Misarti and Headley Dustin—Preservation of Ancient Teeth Geomorphometry through Computer Tomography Scanning and 3D Printing: An Accuracy Test
- 204-e Christine Bergmann, Robert Tykot and Robert Bowers—Elemental Analysis of Human Bone using a non-destructive portable X-ray fluorescence spectrometer
- 204-f Gustavo Neme, Adolfo Gil, Miguel Giardina and Clara Otaola—Wild Resources and Domestic Plants in the South American Farmer's Frontier
- 204-g Terren Proctor and Tiffany Tung—That's a Wrap: Understanding Processes of Cranial Modification among post-Wari Populations from Huari-Vegachayoc Moqo
- 204-h Nicole Jastremski and Valentina L. Martinez—Bioarchaeology in Coastal Ecuador
- 204-i Tamra Walter, Valentina L. Martinez and Sari Turcotte—Clay Matters: Pottery Changes at C4-084B, a Manteño Site in the Cloud Forest of El Pital, Coastal Ecuador
- 204-j Jose Peña and Emily-Anne Davis—Study of Archeobotanical Remains from El Campanario Site: A Preliminary Analysis of a Middle Horizon site in the North Coast of Peru, Huarmey Valley

- 204-k Lucas Vetrivano—Blade Production at El Sosiego Locality, Southern Patagonia, Argentina
- 204-l Brittany Hundman, Nicola Sharratt and Beth Turner—Eating in Transition: Diet at Cerro Del Oro
- 204-m Dana Olesch and Dr. Kylie Quave —Camelid Designs and Community Dynamics in the Late Intermediate Period Andes (ca. AD 1000-1400)
- 204-n Miriam Domínguez—After 3,000 Years, the Enduring Site of Potrero Mendieta is Still Overlooking the Jubones River Basin
- 204-o Sara Becker—Did Potters Urn? Potential Skeletal Evidence of Ceramic Production from the Ch'iji Jawira Site in Tiwanaku, Bolivia.

**[205] POSTER SESSION ■ SOUTH AMERICAN ARCHAEOLOGY III**

**Room:** Atlantic Hall B

**Time:** 8:00 AM - 10:00 AM

**Participants:**

- 205-a Melanie Miller—Exploring Social Differences as Evidenced by Measures of Physical Activity and Skeletal Health in a Muisca Population (950-1400 AD, Soacha, Colombia)
- 205-b Ryan Smith, Patrick Mullins, Steve Wernke and Brian Billman—A Comparison of Various Technologies to Capture Low-Altitude Aerial Photography as Alternative Methods in Mapping Archaeological Landscapes
- 205-c Amalia Nuevo Delaunay, Juan Bautista Belardi and Flavia Carballo Marina—Tehuelche (Aonikenk) site variability during XIXth to XX1st century in Southern Patagonia (Argentina and Chile)
- 205-d Branden Rizzuto—Naipes, Standardized Middle Sicán (ca. C.E. 1000) Sheetmetal Objects: New Insights from Archaeometric Studies
- 205-e Jo Osborn and Benjamin Nigra—Feasting and Ritual Reuse: Analysis of the Faunal Assemblage from Huaca Soto, Chincha, Peru
- 205-f Tiffany Tung, Theresa Miller, Jessica Oster and Larisa DeSantis—Evaluating the Utility of Using Stable Oxygen Isotope Analysis to Study Ancient Migration and Climate Reconstruction in the Ayacucho Basin of Peru
- 205-g Melissa Litschi and Kayeleigh Sharp—Portable XRF Analysis of Anthropogenic Soils from the North Coast of Peru: A Comparative Study of Sample Preparation Methods
- 205-h Weronika Tomczyk—Animal exploitation at Castillo de Huarmey site, Northern Coast of Peru: The case of South American Camelids.
- 205-i Andres Garzon-Oechsle and Valentina L. Martínez—Results of Survey and Preliminary Analysis of Manteño Archaeological Sites with Stone Structures in the Las Tucas River Valley, Rio Blanco, Ecuador
- 205-j BrieAnna Langlie—So Many Chenopods: Paleoethnobotany of the Late Intermediate Period, Puno, Peru (AD 1100-1450)
- 205-k Felipe Gonzalez-Macqueen, Giles Spence-Morrow, Peter Bikoulis, Willy Yépez Álvarez and Justin Jennings—A New Methodology for Geoglyph Research: The Drone and Satellite Imagery Survey of the Sihuas Valley, Peru
- 205-l Terrah Jones, Jennifer Larios, Rudi Vanzin, Brittany Jackson and Jacob Bongers—Houses on the Hill: Preliminary Results of the Excavations at Casa Grande (PV57-42) in Chincha, Per
- 205-m Carol Rodríguez—Ceramic Ware as an Expression of Art, Ritual, and Cultural Identity: The Case of the Cerro De Oro Bowl
- 205-n Morgan Welch, Patrick Mullins and Brian Billman—Overtaking the Past: Addressing Modern Site Destruction in the Moche Valley

**[206] POSTER SESSION ■ SOUTH AMERICAN ARCHAEOLOGY IV****Room:** Atlantic Hall B**Time:** 8:00 AM - 10:00 AM**Participants:**

- 206-a Ema Perea and Luis Muro—Study of the Construction Sequence of a Moche Ceremonial Mound in Northern Peru: Huaca La Capilla—San José de Moro
- 206-b Robert Connolly and Elizabeth Cruzado Carranza—Co-Creation, Applied Archaeology, and Community Engagement in Ancash, Peru
- 206-c Jeremy Menzer, Katie Simon, Matthew Piscitelli and Carl Williford—Ground-Penetrating Radar and Topographic Correction Using Ground-Based Photogrammetry at the Late Archaic Ceremonial Site of Caballote (Fortaleza Valley, Peru)
- 206-d Brittany Jackson, Jacob Bongers, Susanna Seidensticker and Terrah Jones—Picking up the Pieces: Bioarchaeological Analysis of a Looted Cist Tomb in the mid-Chincha Valley, Peru
- 206-e Julio Saldaña and Luis Jaime Castillo—Feasts and Ritual Practices at San Jose de Moro during the Late Moche Period
- 206-f Jo Burkholder—Investigating Rock Art in the Coastal Valleys of Arequipa
- 206-g Matthew Warren—In-Between Spaces in Far-out Places: Initial Findings on the Practice of Inka Colonialism in the Frontier Region of Pulquina Arriba
- 206-h Diana Diaz and Danielle Kurin—Discerning Site Distribution and Settlement Patterns in Andahuaylas (Apurimac), Peru
- 206-i Corey Hoover and Thomas Hardy—Food Consumption and Animal Exploitation at Minaspata, Cuzco, Peru
- 206-j Matthew Velasco—Patterns of Cranial Trauma in the Late Intermediate Period Colca Valley, Peru (A.D. 1000-1450)
- 206-k Karina Gerdau-Radonic and Jelle DeFrancq—Tooth Tales from Lima: Pre-Columbian Dental Health along the Central Coast of Peru.
- 206-l Manuel San Roman, Omar Reyes, Javier Cárcamo and Jimena Torres—Western Patagonia Subsistence Strategies: Zooarchaeological Studies of Marine Hunter-Fisher-Gatherers of the Chonos Archipelago, Chile
- 206-m Elizabeth Nelson, Emily Sharp and Tiffany Tung—Epidemiological Crisis with Imperial Collapse? Investigating the Osteological Evidence for Bacterial Infections among post-Wari Communities in the Peruvian Andes
- 206-n Miguel Vilar, Flavia Morello and Marta Alfonso-Durruty—Migration Waves, Genetic Drift and the Peopling of Fuego-Patagonia

**[207] POSTER SESSION ■ SOUTH AMERICAN ARCHAEOLOGY I****Room:** Atlantic Hall B**Time:** 8:00 AM - 10:00 AM**Participants:**

- 207-a Juan Belardi, Flavia Carballo Marina, Gustavo Barrientos and Patricia Campan—Hunters in the Viedma Lake basin (Southern Patagonia, Argentina): Differences and Continuities in Landscape use during the Late Holocene
- 207-b Omar Reyes, Susan Kuzminsky, Cesar Mendez and Manuel San Roman—Examining Biological Variation among the Marine Hunter-Gatherers of the Chonos Archipelago, Western Patagonian Channels, Chile
- 207-c Jeremy Fowler and Melissa Vogel—Geochemical Evidence for Pigment Sources from El Purgatorio, Peru
- 207-d Michelle Miller and David Chicoine—Preliminary Results on Pottery Technology through Macroscopic Classification at the Early Horizon Center of Caylán, Coastal Ancash, Peru
- 207-e Shevan Wilkin and Ignacio A Lazagabaster—Specific Skeletal Injuries as a

Saturday Morning, April 9

- Proxy for Domestic Violence
- 207-f Jenna Hurtubise, Haagen Klaus, José Pinilla and Carlos Elera—Social Identity and Mass Sacrifice: An Investigation at Matrix 101, a Late Middle Sicán Funerary Context
- 207-g Flavia Morello Repetto, Jimena Torres, Víctor Sierpe and Manuel San Roman—Offing 2 Locus 2 Archaeological Site (Dawson Island, Patagonia, Chile), Marine Hunter-Gatherers and Interaction during the Late Holocene
- 207-h Gabriela LHeureux, Juan Bautista Belardi and Flavia Carballo Marina—New Data on Hunter Gatherer Coastal Use at the Southern Tip of the Americas during the Late Holocene: Cabo Virgenes 24 (Patagonia, Argentina)
- 207-i Susan Kuzminsky, Tiffany Tung, Mark Hubbe and Antonio Villaseñor-Marchal—The Standardization of Prehistoric Cranial Vault Modification Practices in the Andes: A 3D Geometric Morphometric Approach
- 207-j Jennifer Marla Toyne and Nathan Esplin—Analyzing Skeletal Manifestations of Pre-Columbian Tuberculosis in the Northeastern highlands of Peru
- 207-k Anna Gurevitz and Danielle Kurin—Chanka Demographics and Diet: A Case Study In Commingled Remains from the South-Central Peruvian Andes
- 207-l Rachel Johnson, Patrick Mullins and Brian Billman—Households and Empire: A pXRF Study of Metal Artifacts from Cerro la Virgen
- 207-m Clara Otaola, Fernando F. Franchetti and Miguel A. Giardina—Distributional Studies in the Diamante Valley, Mendoza, Argentina: A Methodological Approach
- 207-n Matthew Sitek and Paul Goldstein—Preliminary Research into the Presence of Tiwanaku at the Site Of Cerro San Antonio in the Middle Locumba Valley, Peru
- 207-o Carolina Belmar, Silvia Alfaro and Luciana Quiroz—Tranquilla Site (PTF MLP 13): A Critical Evaluation of the Early Ceramic Tradition Life Style in the Choapa Valley (IVth Region, Chile)

**[208] SYMPOSIUM ■ PUBLIC AGENCIES AND UNIVERSITIES: PARTNERSHIPS FOR THE PAST****Room:** Northern Hemisphere Salon E1**Time:** 8:00 AM - 10:00 AM**Chair:** Joe Baker**Participants:**

- 8:00 Katherine Peresolak and Joe Baker—The PHAST Way: The PennDOT Highway Archaeological Survey Team
- 8:15 Douglas MacDonald, Staffan Peterson and Tobin Roop—The Montana Yellowstone Archaeological Project
- 8:30 David Witt, Charles Vandrei and Kristy Primeau—Lessons from the Field: The Intersection of Field Schools and Public Land Management Concerns
- 8:45 Liv Fetterman and Rick Anderson—The Heritage Stewardship Enhancement Program and Research Archaeology on the Dakota Prairie Grasslands, US Forest Service
- 9:00 Phillip Neusius, Ben Ford, Bill Chadwick and Sarah Neusius—Partnering for Preservation: IUP's Role as a State University
- 9:15 Kenneth Cannon, Shaun Nelson, John Crane and James Long—Managing, Protecting, and Interpreting Utah Army National Guard Cultural Resources
- 9:30 Nina Versaggi—Binghamton University and the NYSDOT: A Focus on Research and Outreach
- 9:45 Questions and Answers

**[209] SYMPOSIUM ■ UNDERSTANDING VISUAL CULTURE WITHOUT TEXTUAL SOURCES: WHAT ARE THE POSSIBILITIES FOR ANALYSIS?**

**Saturday Morning, April 9****Room:** Oceanic 5**Time:** 8:00 AM - 10:30 AM**Chairs:** Cynthia Kristan-Graham and Rex Koontz**Participants:**

- 8:00 Rex Koontz—Discussant
- 8:15 Andrew Finegold—Self-Referentiality on Mimbres Painted Bowls
- 8:30 Shannon Mascarenhas and Steve Kosiba—Style and Substance in the Inca Imperial Capital: A Preliminary Archaeometric and Attribute Analysis of Ceramics, Materiality, and Aesthetics in Ancient Cusco
- 8:45 Michael Carrasco—The “Problem” in the Ecology of Images
- 9:00 Mary Miller—Jaina Figurines: A Text without a Text?
- 9:15 Benjamin Bellorado—Clothing the World in a Social Skin: Recognizing the Role of Materialities of Dressing and Metaphor in the Ancient North American Southwest
- 9:30 Jillian Mollenhauer—Materiality and Meaning in the Formative Gulf Lowlands
- 9:45 Eric Heller—Power, Placemaking, and the Production of Sacred and Political Landscapes at La Milpa North, Northwestern Belize
- 10:00 Cynthia Kristan-Graham—Pondering Prehistory, Texts, and Roads in Yucatan
- 10:15 Questions and Answers

**[210] SYMPOSIUM ■ GLOBAL CHANGE THREATS TO THE ARCHAEOLOGICAL AND PALEOECOLOGICAL RECORD**

**Room:** Australia 2**Time:** 8:00 AM - 10:30 AM**Chair:** Anne Jensen**Participants:**

- 8:00 Julie Bond, Julie Gibson, Stephen Dockrill, Ruth Maher and Robert Friel—Understanding Damage due to Sea Level Rise in Orkney: The Results of Recent Work
- 8:15 Ingrid Mainland, Jane Downes, Scott Timpany, Julie Bond and Jen Harland—The Potential of Coastally Eroding Palaeoenvironmental Deposits and Middens as Climatic and Cultural Data Reservoirs
- 8:30 Frank Feeley and Lilja Pálsdóttir—Sandbagging the Past: Rescue Excavations at a Medieval Icelandic Fishing Station
- 8:45 Anne Jensen—Report from the Ragged Edge: Vanishing Heritage on Alaska’s North Slope
- 9:00 Jørgen Hollesen and Henning Matthiesen—Climate Change and the Preservation of Archaeological Sites in Greenland
- 9:15 Rachel Adler, Barbara Judy, Sarah Stokely and Rory Gauthier—Climate Change Challenges at Bandelier National Monument: Adapting Conservation and Monitoring Responses for Cultural Sites in the Desert Southwest
- 9:30 Dael Devenport and Shelby Anderson—GIS Predictive Modeling to Identify Archeological Vulnerability to Climate Change Along the Coasts of Western Arctic National Parklands in Alaska
- 9:45 Tom Dawson—Scotland’s Coastal Heritage at Risk: Prioritizing Action and Connecting Research and Citizen Science at Sites Threatened by the Sea
- 10:00 Ben Fitzhugh—Discussant
- 10:15 Questions and Answers

**[211] SYMPOSIUM ■ GLOBAL PERSPECTIVES ON THE IMPACT OF DRASTIC ENVIRONMENTAL CHANGES IN HUNTER-GATHERER TECHNOLOGIES**

**Room:** Asia 3

**Saturday Morning, April 9**

**Time:** 8:00 AM - 10:30 AM

**Chairs:** Joao Cascalheira and Nuno Bicho

**Participants:**

- 8:00 Jessica Thompson, Alex Mackay, Sheila Nightingale, Flora Schilt and David Wright—The Central African Middle Stone Age in Context: Comparisons of Technological Adaptations
- 8:15 Sheila Nightingale, Jessica Thompson, Alex Mackay, Flora Schilt and Elizabeth Gomani-Chindebvu—Is Innovation Always the Solution? Examining Non-Specialized Lithic Technologies of the Malawian Middle Stone Age
- 8:30 Andrea Picin—Technological Adaptation and the Emergence of Levallois in Central Europe: New Insight from Markkleeberg and Zwockau Open-Air Sites
- 8:45 Julien Riel-Salvatore and Fabio Negrino—Volcanic Winter and Population Replacements? Forager Adaptations in Liguria during OIS 3 across the Middle-Upper Paleolithic Transition
- 9:00 Joao Cascalheira and Nuno Bicho—Changing Weapons in a Mutable Landscape: Exploring the Relationship between Upper Paleolithic Weaponry Variability and Drastic Environmental Changes in Western Europe
- 9:15 Ariane Burke, Masa Kageyama, Guillaume Latombe, Mathieu Vrac and Patrick James—Risky Business: The Impact of Climate Variability on Human Populations in Western Europe during the Last Glacial Maximum
- 9:30 Lawrence Straus—The Pleistocene-Holocene Transition in Cantabrian Spain: Current State of the Question
- 9:45 Philippe Crombé—Human Response to the Younger Dryas and 9.3 Ka Event along the Southern North Sea Basin: A Comparison
- 10:00 Paul Thacker—Raw Material Provisioning and Tool Rejuvenation Practices: Environmental Change and Technological Tensions in the Middle Archaic of the North Carolina Piedmont
- 10:15 Ofer Bar-Yosef—Making Stone Tools Ignoring Environmental Changes

**[212] SYMPOSIUM ■ THE COPAN KINGDOM AND ITS POLITICAL INTERACTIONS ALONG THE SOUTHEASTERN MAYA FRONTIER**

**Room:** Northern Hemisphere Salon E2

**Time:** 8:00 AM - 11:00 AM

**Chairs:** Cameron McNeil and Edy Barrios

**Participants:**

- 8:00 Kristin Landau—Copán's Preclassic Pioneers: New Evidence from the San Lucas Neighborhood
- 8:15 Shanti Morell-Hart—Cuisine at the Crossroads
- 8:30 Jeb Card and Marc Zender—An Inscribed Flask from Tazumal: Historical Evidence for a Political Relationship between Copan and Western El Salvador
- 8:45 Edy Barrios, Antolin Velasquez Lopez, Cameron McNeil and Walter Burgos—Friends, Foes, or Uneasy Acquaintances? Copan's Relationship with its Neighbors
- 9:00 Cameron McNeil, Edy Barrios, Alexandre Tokovinine and Walter Burgos—Rio Amarillo: A Community on the Edge of the Kingdom
- 9:15 Nathan Meissner, David McCormick and Marc Marino—Socioeconomics of Craft Production in the Copán Hinterland: The Chert Industry of Río Amarillo, Honduras
- 9:30 Zachary Hruby—When the Cat's Away: Obsidian at Río Amarillo Before and After the Collapse of Copan, Honduras
- 9:45 Erlend Johnson—The Making of a Hinterland: Evaluating Classic period Copan's Political Organization and Territorial limits with Data from the Cucuyagua and Sensenti Valleys.



Saturday Morning, April 9

- 10:00 William Fash and Barbara Fash—Mythological Markers, Shifting Boundaries and Exchange in the Late Classic Copan Kingdom
- 10:15 Britt Lonneville, Cornelis Stal, Edy Barrios, Antolin Velasquez Lopez and Philippe De Maeyer—Ranking Estimation of Maya Archaeological Sites using Topographic Parameters
- 10:30 Loa Traxler—Discussant
- 10:45 Questions and Answers

**[213] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY IN THE SOUTHEAST****Room:** Southern Hemisphere Salon 3**Time:** 8:00 AM - 11:00 AM**Chair:** Robert Thunen**Participants:**

- 8:00 Bryan Tucker and Jennifer Weber—The Effects of Reenactment on Historic Battlefields: A Pilot Study From Mclemore Cove, Georgia
- 8:15 Michelle Pigott—The Apalachee in a Cultural Borderlands: A Discussion of Hybridized Ceramic Practice in the 18th Century
- 8:30 Matthew Rooney—Investigating Alternative Subsistence Strategies among Homeless Individuals in University, Hillsborough County, Florida
- 9:00 Deborah Ziel—Which Way to the Jook Joint?: Historical Archaeology of a Polk County, Florida Turpentine Camp
- 9:15 Zackery Cruze—From Jake's Point to Bay Point: Investigations of a 19th Century Lumber Mill
- 9:30 Mischa Johns and Carl Halbirt—Well, Well, Well: A Look into the Varieties and Distribution of Wells in Colonial St. Augustine, FL
- 9:45 Robert Thunen—Fort Caroline's Legacy: Surveying for a Missing Fort
- 10:00 Daniel Elliott—Get the Lead Out: Towards Identifying Lead on Eighteenth- and Early Nineteenth Century Battlefields and Settlements
- 10:15 Elliot Blair—Population Aggregation and Ceramic Communities of Practice at 17th Century Mission Santa Catalina
- 10:30 John Worth—Materialized Landscapes of Practice: Exploring Native American Ceramic Variability in the Historic-Era Southeastern United States
- 10:45 David Markus—The Archaeology of Frontier American Judaism: Exploring the Mosaic of Jewish Domestic Religious Practice in the 19th Century

**[214] SYMPOSIUM ■ EXPLORING THE MICROSCALE: ADVANCES AND NOVEL APPLICATIONS OF MICROSCOPY FOR ARCHAEOLOGICAL MATERIALS****Room:** Oceanic 7**Time:** 8:00 AM - 11:30 AM**Chairs:** Danielle Macdonald, W. James Stemp and Adrian Evans**Participants:**

- 8:00 Harry Lerner—Where the Conventional and Unconventional Meet: Marrying Tradition and Innovation in Lithic Use-wear Analysis
- 8:15 Danielle Macdonald, Adrian Evans and Robert Harman—Replicating Surface Texture: Testing the Accuracy of Moulding Materials with Confocal Microscopy
- 8:30 Rachel Crellin and Mark Purnell—Towards a Quantitative Analysis of Aronze Axe Metalwork Wear
- 8:45 Miriam Belmaker—Dental Microwear Texture Analysis (DMTA): Paleodietary and Paleoecological Aspects
- 9:00 Julia Gamble and Brooke Milne—Explorations in LEXT Image and Profile Capture for Dental Enamel Surface Morphology
- 9:15 Carl Knappett, Jill Hilditch and Duncan Pirrie—Microscopic Mapping of

- Technological Choice: The Use of SEM-EDS with QEMSCAN on Ceramic Materials
- 9:30 Mostafa Fayek, Brooke Milne, Ryan Sharpe, Rachel ten Bruggencate and Lawrence Anovitz—Obsidian Hydration Dating Using SIMS and the LEXT Laser-Microscope
- 9:45 Matthew Gleason and Adam Watson—Deciphering Bone Tool Production and Use: A Comparative Assessment of Quantitative Approaches to Microwear Analysis
- 10:00 Randolph Donahue, Daniela Burrone and Anders Fischer—Microwear and the Resolution of Post-Depositional Modification of Danish Underwater Mesolithic Deposits
- 10:15 W. James Stemp and Adrian A. Evans—Blind-Testing, Post-Depositional Damage, and Lithic Microwear: Results of Qualitative and Quantitative Analyses Using Optical Microscopy and Laser Scanning Confocal Microscopy
- 10:30 Gilliane Monnier, Kele Missal and Ellery Frahm—Non-Destructive, In Situ Lithic Residue Analysis via FTIR Microspectroscopy: First Results
- 10:45 Adrian Evans—Discussant
- 11:00 Linda Hurcombe—Discussant
- 11:15 Questions and Answers

**[215] SYMPOSIUM ■ THE POETICS OF PROCESSING: MEMORY FORMATION, COSMOLOGY AND THE HANDLING OF THE DEAD**

**Room:** Northern Hemisphere Salon C

**Time:** 8:00 AM - 11:30 AM

**Chairs:** Anna Osterholtz and Debra Martin

**Participants:**

- 8:00 Meaghan Kincaid, Ryan Harrod and Aaron Woods—Ritual for the Ancestors or Acts of Violence: Biocultural assessment of culturally modified human remains
- 8:15 Debra Martin and Anna Osterholtz—The Poetics of Corpse Fragmentation and Processing in the Ancient Southwest
- 8:30 Kristin Kuckelman—Ritual Modification in the Context of Social Unrest in the Northern San Juan
- 8:45 Jessica Cerezo-Román—Bodies Among Fragments: Non-Normative Inhumations among the Preclassic and Classic Period Hohokam in the Tucson Basin
- 9:00 Beth Scaffidi—Narration, Mediation, and Transformation: Dismembered Heads from Middle Horizon Uraca (Majes Valley, Arequipa, Peru) and the Andean Feline-Hunter Mythology
- 9:15 Jacob Bongers, Brittany Jackson, Susanna Seidensticker, Terrah Jones and Colleen O'Shea—Postmortem Human Body Manipulation in the Mid-Chincha Valley, Peru
- 9:30 Questions and Answers
- 9:45 Dil Basanti—Stone Bodies and Second Lives: Preserving the Person in Ancient Ethiopia
- 10:00 Roselyn Campbell—Smiting Pharaohs: Violence and Power in Ancient Egypt
- 10:15 Marco Milella, Christopher J. Knüsel and Scott D. Haddow—A Neolithic Irregular Burial at Çatalhöyük (Turkey)
- 10:30 Marin Pilloud, Scott D. Haddow, Christopher J. Knüsel and Clark Spencer Larsen—Memory and Mortuary Practice in Neolithic Anatolia
- 10:45 Kenneth Nystrom and Christina Hodge—Dissection as Social Process: Anatomical Products in the Nineteenth-century United States
- 11:00 John Robb—Discussant
- 11:15 Ventura Perez—Discussant

- [216] SYMPOSIUM ■ IMPACTS, ARTICULATIONS AND INNOVATIONS IN THE ARCHAEOLOGICAL STUDY OF THE MESOAMERICAN GULF COAST: SPATIO-TEMPORAL, ECONOMIC AND DEMOGRAPHIC ORGANIZATION / INCIDENCIA, ARTICULACIÓN E INNOVACIÓN DEL CONOCIMIENTO ARQUEOLÓGICO EN LA COSTA DEL GOLFO MESOAMERICANO: ORGANIZACIÓN ESPACIO-TEMPORAL, ECONÓMICA**  
**Room:** Southern Hemisphere Salon 1  
**Time:** 8:00 AM - 11:45 AM  
**Chair:** Marcie Venter

**Participants:**

- 8:00 Diana Zaragoza—la huasteca. problemática de investigación  
 8:15 Billie Follensbee, Allison Robbins, Sammie Hernandez, Alexandra Thrower and Nicholas Deckard—Block Busters: What Systematic Replication Studies Reveal about Hypotheses on the Iron Ore Cubes  
 8:30 Yamile Lira-Lopez—Avances y perspectivas de la arqueología del Centro de Veracruz. Región de las Grandes Montañas  
 8:45 María Antonia Aguilar Pérez—¿Y antes de la playa de Vicente?: Cronología de sitios prehispánicos en el Tesechoacán  
 9:00 Barbara Stark—Gulf Lowland Collapse  
 9:15 Marcie Venter, Lourdes Budar and Philip J. Arnold III—Ballgame Ritual: Authority and its Transformation during Late Classic Collapse  
 9:30 Questions and Answers  
 9:45 Shayna Lindquist—The Formative and Classic Period Obsidian of Matacanela  
 10:00 Mauricio Cuevas—Rutas y caminos de los sitios costeros de la Sierra de Santa Marta en el Clásico tardío, una propuesta teórico- metodológica  
 10:15 Nathan Wilson and Philip J. Arnold III—Lithic Production and Procurement at Teotepec, Veracruz, Mexico  
 10:30 Xochitl Leon Estrada—Paisaje Cultural en Los Tuxtlas, Veracruz. Nuevas Perspectivas e Interpretaciones  
 10:45 Kyle Mullen—Classic Period Dune Settlement in the Eastern Lower Papaloapan Basin (ELPB), Southern Veracruz, Mexico  
 11:00 Marimar Becerra Alvarez—360 grados. Uso y función de las estructuras circulares de la zona costera de la sierra de Santa Marta, Los Tuxtlas, Ver.  
 11:15 Ronald Bishop—Discussant  
 11:30 Lourdes Budar—Discussant

- [217] SYMPOSIUM ■ ENVISIONING AND RE-ENVISIONING ARCTIC ARCHAEOLOGY: THE ENDURING LEGACIES OF J. LOUIS GIDDINGS (1909-1964)**  
**Room:** Southern Hemisphere Salon 2  
**Time:** 8:00 AM - 11:45 AM  
**Chair:** Kevin Smith

**Participants:**

- 8:00 Kevin Smith and Douglas Anderson—Introducing "Envisioning and Re-envisioning Arctic Archaeology: The Enduring Legacies of J. Louis Giddings (1909-1964)"  
 8:15 Daniel Odess, Julie Esdale and Jeffrey Rasic—Lessons for the Modern Day: The Archaeological Legacy of J. Louis Giddings  
 8:30 Anthony Belz—The J. Louis Giddings Archive at the Haffenreffer Museum of Anthropology  
 8:45 Rebekah DeAngelo and Robert Gal—An Inadvertent Endowment: Giddings' contribution to resource preservation in northwest Alaska  
 9:00 Thomas Urban—The lessons of J.L. Giddings' Early Attempt at Geophysical

Saturday Morning, April 9

- Surveying in the Western Arctic
- 9:15 Owen Mason, James Jordan and Shelby Anderson—The Giddings' Legacy of Beach Ridge Archaeology in Alaska: A Proxy Record of Late Holocene Climate
- 9:30 Claire Alix, Glenn P. Juday and Jess Ryan—Following in Giddings' Footsteps—Tree-ring Signal, Dendro-Provenance, Travel Time and Climate Sensitivity of Alaska River Driftwood, a Key to Tree-Ring Dating of Archaeological Wood in Coastal Alaska
- 9:45 Questions and Answers
- 10:00 Andrew Tremayne—Maritime Resource Intensification and Lithic Technological Organization at Iyatayet, Cape Denbigh, Alaska
- 10:15 Christopher Wolff—The Beat Goes On: A Continuation of J. Louis Giddings' Research Into a Late Western Thule Drum from Cape Krusenstern, Alaska
- 10:30 Shelby Anderson—Arctic Ceramic Traditions and Late Holocene Social Interaction; Revisiting Giddings' Arctic Woodland Culture
- 10:45 Scott Shirar, Joshua D. Reuther, Joan B. Coltrain, Owen K. Mason and Shelby L. Anderson—Exploring the Differences in Radiocarbon Ages of Seals and Caribou: A Case Study from Kotzebue Sound
- 11:00 Yongsong Huang, James Dillon, Samantha Lash and Kevin Smith—Taking the Temperature Of The Arctic Past: Extracting Temperature and Precipitation Information from Bacterial Lipids Deposited in Faunal Remains from Cape Krusenstern, Alaska
- 11:15 William Fitzhugh—Discussant
- 11:30 Douglas Anderson—Discussant

**[218] SYMPOSIUM ■ HUMAN ADAPTATIONS TO LATEGLACIAL AND EARLY HOLOCENE CLIMATE AND ENVIRONMENTAL CHANGES: TOWARDS A TRANS-ATLANTIC PERSPECTIVE (PART 1)**

**Room:** Northern Hemisphere Salon D & DE Corridor

**Time:** 8:00 AM - 11:45 AM

**Chairs:** Erick Robinson, Joseph Gingerich and D. Shane Miller

**Participants:**

- 8:00 Felix Riede and Erick Robinson—Developing Intra- and Inter-Continental Research Networks for the Study of Human Adaptations to Lateglacial and Early Holocene Environmental Changes
- 8:15 Emily Lena Jones—North-South as Well as East-West: Moroccan and Iberian Pleistocene-Holocene Archaeofaunas in an Atlantic Context
- 8:30 Seren Griffiths, Erick Robinson, Philip Buckland, Ralph Fyfe and Kevan Edinborough —The 8.2ka Event Evidence for Human-Environment Interaction in North-West Atlantic Europe
- 8:45 Irina Panyushkina, Steven Leavitt and John Zawiskie—Annually-Resolved Environmental Proxies in the Great Lakes Region, 14 ka to 10 ka BP: A Time of Paleo-Indian Hunters and Megafauna Extinction
- 9:00 Jonathan Lothrop and Arthur Spiess—The New England-Maritimes: Environments and Human Lifeways from the Late Pleistocene into Early Holocene
- 9:15 Jess Robinson, John Crock and Wetherbee Dorshow—Paleoindian Uses of Maritime Environments in the Far Northeast
- 9:30 Nathaniel Kitchel, Bryan Shuman, Joseph Gingerich and Erick Robinson—A Bayesian Approach to the Paleoindian Colonization of the Northeastern US
- 9:45 Joseph Gingerich, Daniel Wagner and Kurt Carr—Terminal Pleistocene Depositional Patterns and their Hypothesized Impact on Human Populations in the Middle Atlantic Region, USA
- 10:00 Christopher Moore, Mark Brooks and I. Randolph Daniel Jr.—Late Pleistocene

Saturday Morning, April 9

- and Holocene Abrupt Climate Change and Human Response in the Southeastern United States
- 10:15 Jessi Halligan and Michael Waters—Flooding, Drought, Fires and Extinctions: How Did Florida's Foragers Respond to the Pleistocene-Holocene Transition?
- 10:30 D. Shane Miller, Jesse Tune and Ryan Parrish—Late Pleistocene-Early Holocene Adaptations in the Lower Mid-South, United States
- 10:45 Thomas Jennings, Ashley Smallwood and Charlotte Pevny—Paleoenvironments and Paleoindians in the Lower Mississippi River Valley
- 11:00 Thaddeus Bissett, David Anderson and Martin Walker—Creating a Discovery Model for Submerged Late Pleistocene and Early Holocene Sites on the Northern Gulf Coast
- 11:15 Vance Holliday—Discussant
- 11:30 Questions and Answers

**[219] SYMPOSIUM ■ COLONIAL ENCOUNTERS IN THE PREHISPANIC ANDES****Room:** Asia 4**Time:** 8:00 AM - 11:45 AM**Chairs:** Patrick Ryan Williams and Nicola Sharratt**Participants:**

- 8:00 David Reid—Road Networks of Southern Peru: Connecting Landscapes of Colonialism
- 8:15 Erell Hubert, Patrick R. Williams, Lauren Monz and M. Elizabeth Grávalos—Ritual Practices and the Negotiation of Wari-Tiwanaku Relations at Cerro Baúl
- 8:30 M. Elizabeth Grávalos, Patrick Ryan Williams, Lauren Monz and Erell Hubert—An Obsidian Stone Tool Workshop at Cerro Baúl?: Wari Provincial Craft Production and Political Economy
- 8:45 Donna Nash—Colonization as Imperial Strategy: the Wari Settlement of Moquegua, Peru
- 9:00 Paul Goldstein—Tiwanaku Colonization in Historical Context—Directed, Diasporic or Daisy Chain? Evidence from Moquegua, Locumba, Azapa
- 9:15 Bradley Parker—Fragments of the Past: Applying Microarchaeological Techniques to House Floors at Tumilaca, Moquegua, Peru
- 9:30 Davette Gadison, Brittany Hundman, Dan Jones and Nicola Sharratt—Late Intermediate Period (A.D. 1250-1470) Mortuary Practices at Tumilaca La Chimba: Spatial and Temporal Mortuary Variation In the Moquegua Valley, Peru
- 9:45 Joshua Wackett and Sofia Chacaltana Cortez—Ceramic Production in the Colonial Moquegua Valley
- 10:00 Ancira Emily Baca Marroquin and Clorinda Orbegoso—Inca and Local Household Economic Interactions in the Chinchaysuyo, Asia Valley, Peru
- 10:15 Sofia Chacaltana—Colonial Enclaves of Coastal Colesuyo during the Inca Influence
- 10:30 John Hicks—Ampare y Perjuicios: Land and Legality in a Colesuyo Village during the Colonial Period
- 10:45 Questions and Answers
- 11:00 Patrick Ryan Williams—Discussant
- 11:15 Susan deFrance—Discussant
- 11:30 Michael Moseley—Discussant

**[220] SYMPOSIUM ■ NEW INSIGHTS INTO THE ARCHAIC OF THE CIRCUM-CARIBBEAN****Room:** Southern Hemisphere Salon 4**Time:** 8:00 AM - 12:00 PM**Chairs:** Corinne Hofman and Andrzej Antczak

Saturday Morning, April 9**Participants:**

- 8:00 Ivan Roksandic—Potential Early Connections between the Greater Antilles and Lower Central America in the Light of Toponomastic Analysis
- 8:15 Jorge Ulloa Hung and Roberto Valcárcel Rojas —Migrations, Colonizations, Periferies, and Historical Divides. An Analysis of the Construction and Deconstruction of the "Archaics" in Cuba and Hispaniola
- 8:30 Peter Siegel, John Jones, Deborah Pearsall, Nicholas Dunning and Pat Farrell—Caribbean Landscapes in the Age of the Anthropocene: The First Colonizers
- 8:45 Basil Reid—Caribbean's First Farmers: The Story of St. John in Southwestern Trinidad
- 9:00 Andrzej Antczak, Luis Lemoine and Ma. Magdalena Antczak—The Archaeology of the Archaic Age on Margarita Island within the Context of the Venezuelan Caribbean
- 9:15 Arie Boomert—From Foraging to Incipient Horticulture: The Archaic Era in the Coastal Zone and Offshore Islands of Northeast South America
- 9:30 Martijn Van Den Bel—The Late Archaic and Initial Ceramic Age in Coastal French Guiana
- 9:45 Yadira Chinique De Armas, William Mark Buhay, Roberto Rodríguez Suárez, David Smith and Mirjana Roksandic—Subsistence Strategies and Food Consumption Patterns of "Fisher-Gatherer" Populations from Western Cuba: From Traditional Perspectives to Current Analytical Results
- 10:00 Roberto Valcarcel Rojas and Jorge Ulloa Hung —Levisa 1. Diversity and Complexity in a Key "Archaic" Context of Cuba and the Caribbean
- 10:15 Isabel Rivera-Collazo—Environmental Change and the Social Context of Human Adaptation Strategies during the Archaic Period in the Caribbean
- 10:30 Dominique Bonnissent, Nathalie Serrand, Laurent Bruxelles, Pierrick Fouéré and Sandrine Grouard—Island societies during the Archaic Age in the Lesser Antilles: The Issue of Resources in Saint-Martin
- 10:45 Alvaro Castilla-Beltrán—Modelling Archaic Forager Mobility: A Discussion on the Application of Agent-Based Models (ABMs) to Forager Mobility Strategies in the North-Eastern Caribbean Archaic Period
- 11:00 Corinne Hofman, Angus Mol, Emma Slayton and Menno Hoogland—Archaic Age Voyaging, Networks and Resource Mobility Around the Caribbean Sea
- 11:15 Jay Haviser, Menno Hoogland, Joost Morsink, Ruud Stelten and Corinne Hofman—Early Human Occupation on Bonaire and Curacao, Dutch Caribbean
- 11:30 Harold Kelly and Raymundo Dijkhoff—Archaic Age Migration and Settlement on Aruba
- 11:45 Jaime R. Pagan-Jimenez and Jaime Pagan-Jimenez—On the Way to the Islands: The Role of Early Domestic Plants in the Initial Peopling of the Antilles

**[221] SYMPOSIUM ■ ENGENDERED ARCHAEOLOGIES: INTERSUBJECTIVITY IN ARCHAEOLOGICAL HERITAGE PRACTICE AND INTERPRETATION**

*(Sponsored by Women in Archaeology Interest Group (WAIG))*

**Room:** Australia 3

**Time:** 8:00 AM - 12:00 PM

**Chairs:** Tiffany Cain and Teresa Raczek

**Participants:**

- 8:00 Tiffany Cain—Intersubjectivity and a Theory of Actively Engaged Heritage Practice
- 8:15 Teresa Raczek—"I Don't Know All of These Stories": Method and Intention in Community-Oriented Research and Heritage Projects
- 8:30 Siobhan Hart—Gender, Masculinity, and Professional-Avocational Heritage Collaborations

Saturday Morning, April 9

- 8:45 Jennifer Campbell—Gendered Heritage: Interspaces and Intersubjectivity  
 9:00 Ruth Young—Finding and 'Heritagings' Women in the Landlord Villages of Iran  
 9:15 Anna Sloan—Learning to Listen: Quinagak Voices Teaching about Gender  
 9:30 Kathryn Arthur—Legacies of Ethiopian Women: Revealing Heritage through an Indigenous Animistic Ontology  
 9:45 Questions and Answers  
 10:00 Jennifer Lewis—The Duality of Female Archetypes in Facilitating Fieldwork: Case Studies in Arizona and Jordan  
 10:15 Eleanor Harrison-Buck, Astrid Runggaldier and Alex Gantos—Male-Female Sexuality in the "Fruit Bearing" Maya New Year Celebrations: Understanding the Past and Present Heritage through Participatory and Archaeological Studies  
 10:30 Shawn Fields and Jamie Arjona—A Chained Melody: Queering Ceramic Industries in 19th century South Carolina  
 10:45 Sarah Surface-Evans—Discourses of the Haunted: Community-Based Archaeology at the Mount Pleasant Indian Industrial Boarding School  
 11:00 Theresa Schober—Historical Illustration as Narrative: A Critical Inquiry  
 11:15 Patricia Kim—Trigger Material Culture of the Greco-Roman World  
 11:30 Edward Gonzalez-Tennant—Cyberfeminism, Virtual Worlds, and Resisting the Feminization of Digital Archaeology  
 11:45 Whitney Battle-Baptiste—Discussant

**[222] SYMPOSIUM ■ CARIBBEAN ENVIRONMENTAL ARCHAEOLOGY: NEW PERSPECTIVES ON HUMAN ECODYNAMICS AND SOCIAL RELATIONS**

*(Sponsored by Island and Coastal Archaeology Interest Group)*

**Room:** Asia 1

**Time:** 8:00 AM - 12:00 PM

**Chairs:** Christina Giovas, Jason Laffoon and Michelle LeFebvre

**Participants:**

- 8:00 Michelle LeFebvre—Environmental Archaeology in the Caribbean Islands: Multi-disciplinary Approaches to Past Human-Environment Dynamics across Time and Space  
 8:15 John Crock, Nanny Carder and Sebastián Castro—"Marineness" and Variability in Maritime Adaptations in the Late Ceramic Age Northern Lesser Antilles  
 8:30 Nathalie Serrand and Dominique BONNISSENT—The Saint-Martin Island's (French Lesser Antilles) Amerindian Archaeomalacological Record : Insight into a Six Millennia History of Interacting pre-Columbian Societies and Environments  
 8:45 Joost Morsink, Jay Havisier, Ruud Stelten and Dr. Corinne L. Hofman—Coastal Resource Exploitation during the Late Ceramic Age on Bonaire, Dutch Caribbean  
 9:00 Roger Colten and Brian Worthington—Archaic Era Vertebrate Faunal Remains from Cuba  
 9:15 Lourdes Pérez Iglesias—Archaeozoology Contributions to the Studies of the Anthropology of Food through the Study of Two Archaeological Contexts of Early Hispanic-Indigenous Interaction in the Northeast of Cuban  
 9:30 Lee Newsom—Islands as Gardens: Plant Translocations by Caribbean Indians as a Dynamic and Multiscalar Form of Cultural Niche Construction, with Emphasis on Puerto Rico and the Evidence for Psychoactive/Ritual Plant Use  
 9:45 Mary Jane Berman, Perry L. Gnivecki, Lisa Park Boush and Erik Kjellmark — Exploring Records of Prehistoric Anthropogenic and Climate Change in the Bahama Archipelago  
 10:00 Neil Duncan, Peter Siegel, John Jones, Nicholas Dunning and Deborah Pearsall—Caribbean Landscapes during the Late-Precolonial and Early-Colonial Periods

- 10:15 David Steadman, Janet Franklin, Jim Mead, Angel Soto-Centeno and Nancy Albury—Natural vs. Human-caused Extinctions of Terrestrial Vertebrates in the Bahamas
- 10:30 Sandrine Grouard—Island Extinctions and Invasions: Archaeozoological Advance In the French West Indies
- 10:45 Christina Giovas—Caribbean Anthropogenic Paleozoogeography: Cultural and Ecological Significance of Animal Introductions in the Lesser Antilles
- 11:00 George Kamenov, Michelle LeFebvre, Susan deFrance, Geoff DuChemin and John Krigbaum—Zooarchaeological Records and Isotopic Systematics of Bahamian Hutia (*Geocapromys ingrahami*): Are the Bahamas a Distinct Isotopic Province?
- 11:15 Jason Laffoon, Till Sonnemann, Menno Hoogland, Gareth Davies and Corinne Hofman—Investigating Animal Trade, Transport, and Translocation in the Precolonial Caribbean: New Isotopic and Zooarchaeological Evidence
- 11:30 Marlena Antczak, Maria Magdalena Antczak, Andrzej Antczak and Miguel Lentino—Avian Remains from the Late Pre-colonial Amerindian Sites on the Islands of the Venezuelan Caribbean
- 11:45 Jago Cooper—Discussant

**[223] SYMPOSIUM ■ BIOLOGICAL EXCHANGE IN THE ANTHROPOCENE: ARCHAEOLOGICAL AND GENETIC PERSPECTIVES**

**Room:** Northern Hemisphere Salon E3

**Time:** 8:00 AM - 12:00 PM

**Chairs:** Nicole Boivin and Mary Prendergast

**Participants:**

- 8:00 Nicole Boivin—Discussant
- 8:15 Robin Allaby, Oliver Smith and Vincent Gaffney—Identification of Early Anthropogenic Movements of Exotic Species using sedaDNA
- 8:30 Andrew Clarke—10,000 Years of Bottle Gourds (*Lagenaria siceraria*): Archaeology of the First Global Crop
- 8:45 Alison Crowther, Nicole Boivin, Leilani Lucas, Henry Wright and Chantal Radimilahy—Anthropogenic Plant Translocations in the Western Indian Ocean: Archaeobotanical Perspectives on the Anthropocene from Madagascar and the Comoros
- 9:00 Michael Field, Jaime Pagán-Jiménez, Menno Hoogland, Jason Laffoon and Corinne Hofman—What Plants Existed in the Lesser Antilles Just Prior to 1492 and Could They Have Been Exploited by the Island Inhabitants?—New Data from Archaeological Excavations at Anse Trabaud, Martinique
- 9:15 Greger Larson—Genomic Insights into Long-Term Domestic Animal Translocation
- 9:30 Peter Mitchell—'I Rode through the Desert': Equestrian Adaptations In Southern Hemisphere Arid Zones
- 9:45 Mary Prendergast, Michael Buckley, Heidi Eager, Alison Crowther and Nicole Boivin—Biological Exchange in the Swahili World: Archaeofaunal and Biomolecular Evidence
- 10:00 Nicole Boivin, Heidi Eager, Jeremy Searle, Greger Larson and Steve Goodman—Genetic Insights into Commensal Small Mammal Invasions of Madagascar in Prehistory
- 10:15 Scott Fitzpatrick, Christina Giovas and Michelle LeFebvre—The Pre-Columbian Exchange: The Anthropogenic Zoogeography of Insular Caribbean Translocations
- 10:30 Geoff Clarke, Aaron Camens, Simon Haberle and Atholl Anderson—Radiocarbon Dated Archaeozoological and Palaeoecological Evidence of Initial



Saturday Morning, April 9

- Human Colonization in Madagascar
- 10:45 Eric Guiry and Michael Richards—Using Stable Isotope Analyses to Assess the Geographical Origins of Pork And Beef Products in a Historical New World Population Center
- 11:00 Johannes Krause, Maria A. Spyrou, Michal Feldman, Alexander Herbig and Kirsten I. Bos—Genome Analysis of Medieval *Yersinia Pestis* Suggests an Ancient European Source Population for the Majority Of Modern Plague Strains
- 11:15 Kirsten Bos, Alexander Herbig, Daniel H. Huson, Noreen Tuross and Johannes Krause—Searching for Pathogens in a New World Colonial Epidemic Burial
- 11:30 Christina Warinner, Krithivasan Sankaranarayanan, Thomas Stoellner, Frank Ruehli and Cecil Lewis—An Empty Gut: The Recent Loss of our Microbial Symbionts
- 11:45 Naomi Sykes, Holly Miller and Karis Baker—Bio-Cultural Exchange and Human Health —Past and Present

**[224] GENERAL SESSION ■ CURRENT RESEARCH IN THE MAGREB, EGYPT AND THE HORN OF AFRICA**

**Room:** Northern Hemisphere Salon A3

**Time:** 8:30 AM - 10:30 AM

**Chair:** Maria Nilsson

**Participants:**

- 8:30 Ahmed Alsherif—The Cultural and Historical Connection Between Tefinagh Inscriptions and Rock Art Sites in Tadrart Acacus (Southwest Libya)
- 8:45 Jay Silverstein and Robert Littman—More than a lexicon: Uncovering Evidence of the Events on the Rosetta Stone
- 9:00 Maria Nilsson—Gebel el Silsila (Upper Egypt): Introducing the Archaeological Project
- 9:15 Jessika Akmenkalns—Understanding Sociopolitical Change through Ceramic Morphological Diversity in the Ancient Nubian Hinterlands
- 9:30 Abigail Bouwman, Michael Habicht, Thomas Krämer, Karl Link and Frank Rühli—Divining the Past: The Canopic Jar Project is using Genetics, Chemistry and Imaging to Illuminate Ancient Egyptian Health and Culture
- 9:45 Walter Crist—House Rules: Cultural Transmission and Egyptian Senet Games
- 10:00 R Hussey—Dungeons and Virtual Tours: Preserving the Mazmorras of Tetouan, Morocco
- 10:15 Angela Susak Pitzer—Glass Reflecting Value: a Multi-Disciplinary Study of Roman Glass from Karanis, Egypt

**[225] GENERAL SESSION ■ MISSISSIPPIAN BUILT ENVIRONMENT AND DAILY PRACTICES**

**Room:** Southern Hemisphere Salon 5

**Time:** 9:45 AM - 12:00 PM

**Chair:** Steven Meredith

**Participants:**

- 9:45 Jeffrey Mitchem, Jami J. Lockhart and Timothy S. Mulvihill—Investigating Mississippian Site Layout and Architecture in Northeast Arkansas
- 10:00 Daniel Turner, Steven Meredith and Martha Dorland—Excavation of a Chickasaw Homestead in Tupelo
- 10:15 Rachel McTavish, Lucienne Van de Pas and Amy Klemmer—Economics, Culture, and Ecology: A Comparative Study of Oneota Localities in Wisconsin
- 10:30 Ashley Schubert—Continuity and Change in the Pisgah Built Environment
- 10:45 Ashley Dumas—Interpreting Prehistoric Eastern U.S. Salt Production Using Ethnographic Analogy

**Saturday Morning, April 9**

- 11:00 Marcus Schulenburg and Robert Cook—Filling the Built Environment: Using Ceramic Characteristics to Examine Fort Ancient Village Life
- 11:15 Timothy Baumann and Gary Crites—The Age and Distribution of the Common Bean (*Phaseolus vulgaris*) in Tennessee and the Southeastern U.S.
- 11:30 Anna Semon—Investigating Late Mississippian Incised Pottery on St. Catherines Island, GA
- 11:45 Rachel Briggs—The Everyday of the Hominy Foodway: Changing Lifeways During Early Moundville

**[226] GENERAL SESSION ■ COLLABORATIVE AND COMMUNITY ARCHAEOLOGIES**

**Room:** Northern Hemisphere Salon E4

**Time:** 10:00 AM - 11:15 AM

**Chair:** Elizabeth Eklund

**Participants:**

- 10:00 Elizabeth Eklund and Lisa Palacios—"Collaborative" Archaeology: A Proposed Rubric-based Assessment of Archaeological Projects with American Indian Communities
- 10:15 Lawrence Chiatti—Boxes and Boxes of Guilt: Guilt Mail from the Canyon de Chelly National Monument
- 10:30 Jennifer Wildt—Ancient Plazas for Modern Cities: A Role for Archaeology in City Planning Today
- 10:45 Michael Spears and Berenika Byszewski—Reconciling Responsibilities: A Case Study from the Galisteo Basin, New Mexico
- 11:00 Rachel Vara and Whitney Lytle—Small Programs, Big Impacts: Benefits of Partnerships in Community Outreach

**[227] GENERAL SESSION ■ ARCHAEOLOGY OF OCEANIA**

**Room:** Oceanic 1

**Time:** 10:30 AM - 11:30 AM

**Chair:** Jesse Stephen

**Participants:**

- 10:30 Jack Rossen, Mahealani Pai, Keonelehua Kalawe and Brooke Hansen—Collaboration and Indigenous Archaeology at Maluaka on the Big Island of Hawai'i
- 10:45 Maria Codlin and Mark McCoy—Social Landscapes and Kapu in the Hawaiian Islands: A Case Study from the Ka'ū district, Hawai'i Island
- 11:00 Jesse Stephen—Sensory Exploitation, Monumentality, and Social Stratification: A Multisensory Survey of Pu'ukoholā Heiau, Hawai'i
- 11:15 Vanessa Sullivan—Frontier Conflict Along The Central-Murray River in South Australia: A Spatial Reconstruction Approach to the Archaeology Of Conflict

**[228] SYMPOSIUM ■ FROM THE BOTTOM UP: HILLTOP USE AND SIGNIFICANCE IN ANTIQUITY**

**Room:** Asia 5

**Time:** 10:30 AM - 12:00 PM

**Chairs:** Whittaker Schroder and Omar Alcover

**Participants:**

- 10:30 Whittaker Schroder—Hilltops and States in the Usumacinta River Basin
- 10:45 Omar Alcover and Thomas Garrison—Pyramids, Plazas, and Walls: Hilltop Settlements at the Periphery of El Zotz, Guatemala

Saturday Morning, April 9

- 11:00 Patrick Mullins—Hilltop Visibility Networks and Empire in the Moche Valley  
 11:15 Michelle Turner—Chacoan Heights at Aztec Ruins  
 11:30 Kyle Olson—The Political Economy of Qalas and Canals in Greater Khorasan  
 11:45 Elizabeth Arkush—Discussant

**[229] SYMPOSIUM ■ ARCHEOLOGY IN THE NATIONAL PARK SERVICE 1916-2016****Room:** Asia 2**Time:** 10:30 AM - 12:00 PM**Chair:** Teresa Moyer**Participants:**

- 10:30 Alicia Odewale and Joshua Torres—Archaeology in America's Paradise: Renewing Local and National Interests in Our Nations Parks  
 10:45 David Curtis—Archaeology in the Wilderness  
 11:00 Teresa Moyer—NPS Archeology and Outreach: A Broad View of 100 Years  
 11:15 Meredith Hardy and David Morgan—The NHPA and the Southeast Archeological Center at 50: Reflections on Learning, Inclusion, and Stewardship.  
 11:30 Michael Seibert—Reinterpreting the Battle of Cowpens, 1781  
 11:45 Francis McManamon—Archaeological Resource Management and the National Park Service: Historical Perspective, Current, and Future Challenges

**[230] SYMPOSIUM ■ CAVE ART AND ARCHAEOLOGY AT OXTOTITLÁN, GUERRERO****Room:** Oceanic 4**Time:** 10:30 AM - 12:00 PM**Chairs:** Christopher von Nagy and Paul Schmidt**Participants:**

- 10:30 Christopher von Nagy, Mary Pohl, Paul Schmidt, Eliseo Padilla Gutiérrez and Isaac Lima Astudillo—The Urban Origins Project at Quioitepec-Oxtotitlán, Guerrero  
 10:45 Kirk Schmitz, Amanda R. Harvey, Christopher Von-Nagy, Eliseo Padilla Gutiérrez and Paul Schmidt Shoenberg—Contextualizing the Art: Excavations at Oxtotitlán Cave, Guerrero, Mexico  
 11:00 Heather Hurst and Leonard Ashby—Sketching in the Shadows: Re-illustration of the Olmec Paintings of Oxtotitlán, Mexico  
 11:15 Paul Schmidt and Eliseo Padilla—Radiocarbon Dates from Baño Negro and Cerro Quioitepec, Chilapa, Guerrero  
 11:30 Jon Russ, Karen Steelman, Marvin Rowe, Chris von Nagy and Mary Pohl—Chemical and Radiocarbon Analyses of Paint Samples from Oxtotitlán  
 11:45 Mary Pohl, Christopher von Nagy, Joseph Gamble, Gabriel Lima Estudillo and Eliseo Padilla Gutiérrez—What is Oxtotitlán Cave Communicating?

**[231] SYMPOSIUM ■ INTERACCIONES SOCIALES, MANEJO Y GESTIÓN EN LA ARQUEOLOGÍA MEXICANA****Room:** Oceanic 2**Time:** 10:30 AM - 12:00 PM**Chair:** Pedro Ramon Celis**Participants:**

- 10:30 Nelly Robles Garcia—Monte Alban arqueologico y Monte Alban social  
 10:45 Jorge Rios—Arqueología y manejo patrimonial en San Pablo Villa de Mitla, Oaxaca  
 11:00 Pedro Ramon Celis—Cuevas Prehistóricas de Yagul y Mitla, procesos de

- 11:15 gestión, patrimonio cultural y su construcción como concepto en la población  
Jack Corbett and Jorge Rios Allier—Comunidades y Sitios de Patrimonio  
Mundial: Pasos hacia una Colaboración Participativa
- 11:30 Dante Garcia, Cesar Dante Garcia Ríos and Ronald k. Fauseit—Gestión  
arqueológica, estructura base en el redescubrimiento de Dainzú-Macuixochitl
- 11:45 Jaime Vera and Nelly M. Robles—Recorridos arqueológicos en sitios de la  
Cañada Oaxaqueña

**[232] GENERAL SESSION ■ LITHICS IN ANCIENT NORTH AMERICA**

**Room:** Oceanic 3

**Time:** 10:30 AM - 12:00 PM

**Chair:** Katherine Sterner-Miller

**Participants:**

- 10:30 G. Logan Miller—Earthworks as Landscapes: An Examination of the Sampling  
Issue in Lithic Microwear Analysis
- 10:45 Katherine Sterner-Miller and Robert Jeske—A Scraper is Sometimes Just a  
Scraper: A Multi-Method Approach to Inferring Tool Use at an Oneota Site in  
Southeastern Wisconsin
- 11:00 Fernanda Neubauer—Chipped Stone and Hot Rock Technology: A Late Archaic  
Example from the Upper Great Lakes
- 11:15 Sean Carroll—These are the Flintknappers: A Case Study Concerning the  
Ability to Measure Flintknapping Skill Variation in the Analysis of Debitage
- 11:30 Megan McCullen—Lithics as Evidence of Social Networks and Landscape  
Knowledge among the Western Wendat, 1670-1701
- 11:45 Jeanne Binning—Determination of the Size of a Percussion Biface from the  
Resulting Flakes

**[233] GENERAL SESSION ■ INKA ARCHAEOLOGY**

**Room:** Northern Hemisphere Salon A4

**Time:** 10:30 AM - 12:00 PM

**Chair:** Jessica Christie

**Participants:**

- 10:30 Christophe Delaere—Contribución al estudio de la ocupación Tiwanaku (A.D.  
500-1050) e Inca (A.D. 1430-1530) en el lago Titicaca, Bolivia: aportación de la  
Arqueología Subacuática.
- 10:45 Jessica Christie and Ivan Ghezzi—The Inka in Chankillo?
- 11:00 Reinaldo Moralejo and Milagros Aventín Moretti—The Inkas and the Sacred  
Landscape of The Shincal of Quimivil, Northwestern Argentina
- 11:15 Camila Capriata Estrada and Raúl Zambrano—Molle and its Relationship with  
the Qhapaq Ñan
- 11:30 Manuel Perales—Dining and Feasting with the Lords and Gods: A Reevaluation  
of the Nature of the Activities at the Inca Site of Hatun Xauxa in the Mantaro  
Valley, Peru
- 11:45 Thomas Hardy—Colonial Practices in the Imperial Heartland: The Inca  
Conquest and Transformation of the Lucre Basin, Cuzco, Peru

**[234] POSTER SESSION ■ CENTRAL AMERICAN ARCHAEOLOGY**

**Room:** Atlantic Hall B

**Time:** 10:30 AM - 12:30 PM

**Participants:**

Saturday Morning, April 9

- 234-a Andrea Delgado, Jason De León, Cameron Gokee and Haeden Stewart—En Las Vías: Suffering and Triage on the Central American Trail
- 234-b Sheldon Skaggs, Nicaela Cartagena, Michael Lawrence and Terry Powis—Late Classic Maya Granite Working Community at the Tzib Group, Pacbitun, Belize
- 234-c Jennifer Weber, Terry Powis, George Micheletti and Jaime Awe—Transects, Trowels, and Technology: Recreating the Ancient Landscape at Pacbitun, Belize
- 234-d Evan Sternberg, Justin Lowry and Jason Paling—Trade and Inter-Community Networks around Managua, Nicaragua
- 234-e Denise Killeen and C. L. Kieffer—Exploring the Sacred Significance of Cave 2 at Chawak But'o'ob, Belize
- 234-f Sharisse McCafferty and Geoffrey McCafferty—Camp Granada, the Next Generation: Recent Excavations at the El Rayo site, Pacific Nicaragua
- 234-g Jean Larmont—Examining the Environment: Pollen Data from Cara Blanca, Belize Pools 1 and 6
- 234-h Rosemary Lieske—Trade and Tribute Routes among the Spanish and Pipil in Cuscatlan, El Salvador
- 234-i Jessica Manion and Geoffrey McCafferty—Mortuary Practices at Locus 3, El Rayo, Nicaragua
- 234-j Bianca Gentil—Particularism vs. Broad Strokes: The Application of Political Economic Paradigms of the Elite Classic Maya in Northwestern Belize
- 234-k Matthew Abtowsky—Monuments Unmasked

**[235] POSTER SESSION ■ MESOAMERICAN ARCHAEOLOGY I****Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 235-a Juan Sereno-Urbe—Amacuzac Archaeological Project
- 235-b Sarah Van Oss and Olivia Navarro-Farr—Serpents and Bowls: An Analysis of the War Serpent Vessel from Burial 61 at El Perú-Waka'
- 235-c David Mixter—Activity Area Analysis of Terminal Classic period Civic Architecture at Actuncan, Belize
- 235-d Robert Rosenswig—The Izapa Polity
- 235-e Haley Austin and Olivia Navarro-Farr—Ritual Behavior in the Late and Terminal Classic: An Application of Ethnoarchaeology in the Southern Maya Lowlands to Terminal Deposits
- 235-f Terry Powis, George Micheletti, Norbert Stanchly, Kaitlin Crow and Sheldon Skaggs—Monumentality in the Middle Preclassic: The Beginnings of Public Ceremonialism at Pacbitun, Belize
- 235-g Elijah Hermitt and Kirk French—The Palenque Pool Project: Preliminary Investigations into Monumental Construction Costs
- 235-h Cheryl Foster—Garden Soils: Assessing the Viability of Soil Phosphate Analysis in the Archaeological Identification of Ancient Maya Kitchen Gardens
- 235-i Stacy Drake and Dorothy Ann Riegert—Curation and Best Practice with Human Remains in Northwest Belize
- 235-j Lisa Duffy and Ann Laffey—Distribution of Organic Residues in a Pottery Vessel from Cerro Maya, Belize
- 235-k Lori Phillips, Erin Thornton and Carlos Peraza Lope—Maya Turkey Management and Domestication at Mayapan
- 235-l Dawn Crawford and Brigitte Kovacevich—Preliminary Obsidian Analysis for the Site of Holtun, Petén, Guatemala 2011-2015

**[236] POSTER SESSION ■ MESOAMERICAN ARCHAEOLOGY II**

Saturday Morning, April 9**Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 236-a Ana Aguirre-Samudio, Blanca González-Sobrinó, Rafael Montiel, Brenda Álvarez-Sandoval and Abigail Meza-Peñaloza—Ancient DNA in Archaeological Bone Tools from La Ventilla, Teotihuacan: Sex Determination and Genetic Structure
- 236-b Alexis Hartford—Classifying Classic Period Ceramics from Azcapotzalco: A Comparison of INAA and Petrography
- 236-c Max Seidita and Lucas Martindale Johnson—Using pXRF to Test for the Market Exchange of Obsidian at Postclassic Santa Rita Corozal, Belize
- 236-d Valeria Bellomia, Ricardo Higelin Ponce de León and Alex Elvis Badillo—Omichicahuaztli: Production, Use, and Transformation Over Space and Time in Mesoamerica
- 236-e Melissa Burham and Danielle Phelps—Defining the Spatial to Find the Social: Applying Generative Planning Theory and GIS to Distinguish Communities at Ceibal, Guatemala
- 236-f Jeremias Pink, Ronald K. Fauseit and Erica Ausel—Xipe Totec and Elite Domestic Ritual in Late Classic Oaxaca, Mexico
- 236-g Naomi Ripp—Burial Practices of the Teuchitlán Tradition and Changes Through Time: A taphonomic Approach
- 236-h Amy Thompson and Keith M. Prufer—Analyzing Ancient Maya Settlement Patterns through the Geochemical Analysis of Obsidian Artifacts in Southern Belize
- 236-i Elizabeth Konwest and Stacie M. King—The Early Colonial Period Glass Beads of Majaltepec, Oaxaca, Mexico
- 236-j Sofia Pacheco-Fores and Christopher Morehart—Identity, ritual, and violence in the Epiclassic Basin of Mexico
- 236-k Virginie Renson, Hector Neff, David Cheetham, James Guthrie and Michael D. Glascock—Lead and strontium isotopes to source ceramics in ancient Mexico
- 236-l Diana Moreiras Reynaga—What Did the Sacrificed Subjects Eat? A Stable Isotope Study of Individuals Sacrificed by the Aztecs during the Late Postclassic Period

**[237] POSTER SESSION ■ MESOAMERICAN ARCHAEOLOGY III****Room:** Atlantic Hall B**Time:** 10:30 AM - 12:30 PM**Participants:**

- 237-a Nadia Johnson—Wild Resource use in Early Colonial New Spain
- 237-b Emily Shearin—Pigments in Peril: Degradation of pre-Columbian Mesoamerican Murals
- 237-c Paige Phillips—A Comparison of Three Chemical Methods for Phosphorus Activity Area Analysis
- 237-d Marc TESTÉ, Cyril Castanet, Aline Garnier, Nicole Limondin-Lozouet And Eva Lemonnier—Proposed Reconstruction of Palaeoenvironmental Dynamics in the Region of Naachtun (Péten, Guatemala) during the Late Holocene: Contribution of Several Bioindicators in a Multi-Proxy Study
- 237-e Heather Lapham and Ronald Fauseit—Meat Consumption and Animal Use at Cerro Danush, Oaxaca, Mexico
- 237-f Kirsten Verostick—Reconciling Disease and the Presence of Infections on Human Skeletal Remains with Emerging Technology in Bioarchaeology
- 237-g Paulo Medina, Justin Holcomb and Kristian Boschetto—Fuzzy Numbers or Publishable Data? An Intra-Instrument Test of pXRF Calibration Techniques on

**Saturday Morning, April 9**

- Obsidian from Highland Mexico
- 237-h Steve Fox, Claire Ebert and Jaime Awe—ering the Past: Analysis and Interpretation of a Terminal Classic Deposit at the Cahal Pech Terminus Group
- 237-i Angela Huster—By Themselves They Celebrated His Feast Day: Regional Variation in Postclassic Central Mexican Domestic Ritual
- 237-j Cassandra Casteel and Christine VanPool—The Development of the Feathered Serpent in Mesoamerica and the American Southwest
- 237-k David Massey and Alex Elvis Badillo—Archaeological Prospecting using Remote Sensing Techniques in Quiechapa, Oaxaca, Mexico
- 237-l Linda Howie, Sheldon Skaggs, Terry Powis and Sherman Horn III—Greenstone from Where? Petrographic and Microprobe Analyses of Greenstone Triangulates from Middle Preclassic Pacbitun, Belize
- 237-m Stephanie Sterling, Heather Richards-Rissetto and Rene Viel—Past Meets Future: Combining GIS, 3D Technologies, and Legacy Data To Reanalyze Ceramics at Copan, Honduras

**[238] POSTER SESSION ■ BEYOND THE SHORE: THE UNDERWATER MAYA PROJECT, PAYNES CREEK NATIONAL PARK, BELIZE**

**Room:** Atlantic Hall B

**Time:** 10:30 AM - 12:30 PM

**Chairs:** Rachel Watson and Valerie Feathers

**Participants:**

- 238-a Heather McKillop, Karen McKee, Harry Roberts, Terrance Winemiller and John Jones—Paynes Creek Salt Works: Ten Field Seasons of Underwater Maya Survey, Mapping, and Excavations
- 238-b Valerie Feathers, Heather McKillop, E. Cory Sills and Rachel Watson—Dietary Implications from an Inundated Shell Midden at a Classic Maya Salt Work
- 238-c E. Cory Sills and J. Jefferson MacKinnon—Reevaluation of the Placencia Salt Works in the Classic Maya Economy
- 238-d Roberto Rosado Ramirez and Jessica Harrison—Occupational History of Three Ancient Maya Saltworks in Paynes Creek National Park, Belize
- 238-e Rachel Watson and Heather McKillop—An Overview of the Stratigraphy at Witz Naab and Killer Bee, the Remnants of Salt Making Mounds, Paynes Creek National Park, Belize

**[239] GENERAL SESSION ■ ZOOARCHAEOLOGY IN THE SOUTHWEST**

**Room:** Oceanic 5

**Time:** 11:00 AM - 12:00 PM

**Chair:** Randee Fladeboe

**Participants:**

- 11:00 Kristin Corl—Zooarchaeological Evidence of Human Niche Construction at Cottonwood Spring Pueblo (LA 175)
- 11:15 Jeremy Loven and Kye Miller—Understanding Depositional Processes: A Contextual Analysis of Lagomorph Remains from Aztec and Salmon Ruins
- 11:30 Randee Fladeboe—Macaw Husbandry in the Ancient Greater Southwest
- 11:45 Sarah MacDonald—A Zooarchaeological Analysis of Subsistence Stress at Elden Pueblo: A Final Report

**Saturday Afternoon ■ April 9, 2016****[240] GENERAL SESSION ■ MISSISSIPPIAN RITUALS****Room:** Northern Hemisphere Salon E2**Time:** 1:00 PM - 2:00 PM**Chair:** Erin Phillips**Participants:**

- 1:00 Dawn Rutecki—Food and Religious Practices at Spiro: Implications for Understanding Social Complexity
- 1:15 Erin Phillips—Evidence of Heirloomed at Moundville
- 1:30 Dennis Blanton—Hummingbird Imagery and Smoking Pipes in the Mississippian World
- 1:45 Scott Hammerstedt, Amanda Regnier and Sheila Savage—Litter Burials from Spiro's Great Mortuary Reconsidered

**[241] GENERAL SESSION ■ MESOAMERICAN ICONOGRAPHY AND EPIGRAPHY****Room:** Northern Hemisphere Salon E3**Time:** 1:00 PM - 1:45 PM**Chair:** Stephanie Strauss**Participants:**

- 1:00 Stephanie Strauss—Craft, Literacy, and Ephemera: Maya Textiles in the Gendered Scribal Tradition
- 1:15 Chantal Huckert—Representaciones de la Muerte y del Sacrificio en las Figurillas del Centro de Veracruz
- 1:30 Hannah Zanotto and Jaime Awe—Tlaloc Imagery in Western Belize and its Implications for Central Mexican and Lowland Maya Interaction

**[242] SYMPOSIUM ■ HUMAN ADAPTATIONS TO LATEGLACIAL AND EARLY HOLOCENE CLIMATE AND ENVIRONMENTAL CHANGES: TOWARDS A TRANS-ATLANTIC PERSPECTIVE (PART 2)****Room:** Northern Hemisphere Salon D & DE Corridor**Time:** 1:00 PM - 2:30 PM**Chairs:** Nicolas Naudinot and François Lanoë**Participants:**

- 1:00 François Lanoë and Charles Holmes—Animal Resources and Technology in Eastern Beringia During the Late Pleistocene
- 1:15 Joshua Reuther, Ben Potter, Charles Holmes, Julie Esdale and Jennifer Kielhofer—Late Quaternary Landscape Change and Large Mammal Habitat Fragmentation in Interior Alaska
- 1:30 Ted Goebel and Joshua Lynch—Late Glacial Climate Change and the Dispersal of Humans to Beringia: An Ecological Model
- 1:45 Nicolas Naudinot—Lithic Production, Management and Mobility Strategies Adaptation during the GS-1 and Early Holocene in North-Western France
- 2:00 Marie-Isabelle Cattin—Material Culture and Environmental Change at the End of the Late Glacial: Examples from Monruz and Champréveyres, Magdalenian and Azilian Campsites on the Swiss Plateau
- 2:15 David Yesner—Discussant

**[243] SYMPOSIUM ■ REALITIES ON THE GROUND: PASTS, PRESENTS, AND FUTURES OF THE NATIONAL HISTORIC PRESERVATION ACT**



Saturday Afternoon, April 9**Room:** Oceanic 5**Time:** 1:00 PM - 2:30 PM**Chairs:** Shannon Dunn and Holly Norton**Participants:**

- 1:00 J Joseph—Section 106 @ Fifty – A Look Back and a Glimpse Ahead
- 1:15 Richard Wilshusen—Mining Data, Protecting Historic Landscapes, and Understanding the Past
- 1:30 Hope Luhman and Eric Voigt—Four Decades of Consulting: A Contractor's View
- 1:45 Shannon Dunn—Pragmatism in Practice: Advocacy, Ethics, and Impediments in Compliance
- 2:00 Alex Sweeney and Kara Bridgman Sweeney—Chibariyo! Navigating Cultural Resources Compliance on U.S. Military Installations in Japan
- 2:15 Holly Norton and Eva Hulse—The Shovelbum Economy

**[244] SYMPOSIUM ■ TRASH RULES: INTRASITE ZOOARCHAEOLOGY****Room:** Oceanic 2**Time:** 1:00 PM - 2:30 PM**Chair:** Jean Hudson**Participants:**

- 1:00 Jean Hudson—Impacts of Behavioral Contexts on Intrasite Zooarchaeological Sampling
- 1:15 Roberta Boczkiewicz—Rules for Fishy Trash?
- 1:30 Kevin Akemann—An Intrasite Analysis of Faunal Remains at the Bell Site (47-Wn-9)
- 1:45 Mary Lou Larson and Marcel Kornfeld—Trash or Treasure? A Critical Analysis of Hell Gap Zooarchaeology
- 2:00 Kathryn Bobolinski, Anna Prentiss and Matthew Walsh—Cache and Trash: Variability in Storage Pits found at the Bridge River Site, Middle Fraser B.C.
- 2:15 Emily Epstein—Household Climate: Great Basin Response to Climate Change Reflected by intrasite Zooarchaeology

**[245] GENERAL SESSION ■ CALIFORNIAN ARCHAEOLOGY****Room:** Oceanic 7**Time:** 1:00 PM - 2:30 PM**Chair:** Allison Hill**Participants:**

- 1:00 Ashley Hampton—Healers also Gather Acorns: Examining the Division of Labor and Power Dynamics among California Hunter-Gatherers
- 1:15 Heather Thakar—Foraging Ancient Landscapes: Seasonal and Spatial Variation in Prehistoric Exploitation of Plant and Animal Food Resources on Santa Cruz Island, California
- 1:30 Joseph Curran—Blunt Impact: The Role of War Clubs in Prehistoric Californian Warfare
- 1:45 Dustin Merrick and Matthew Des Lauriers—The Problem of Geographic Circumscription, Population Aggregation, and Ideal Free Distribution on Isla Cedros, Baja California, Mexico
- 2:00 Allison Hill—Social and Economic Implications for Identifying Basketry Production in the Californian Archaeological Record: A Case Study from the Interior Chumash Region
- 2:15 Katherine Burnett, Armando Abeyta, Jessica Mauck and Amber Fankhauser—An Overview of the Distribution of Clovis/Great Basin Concave Base Projectile Point Sites at Fort Irwin, San Bernardino County, California

**[246] SYMPOSIUM ■ THE BELLE GLADE CULTURE REVISITED****Room:** Southern Hemisphere Salon 5**Time:** 1:00 PM - 2:45 PM**Chair:** Christian Davenport**Participants:**

- 1:00 Dorothy Block—Prehistoric Ceramics From the Boyer Survey of Lake Okeechobee in the Northern Everglades
- 1:15 Catherine Smith and Clifford T. Brown—Rethinking Population Dynamics of the Belle Glade Prehistoric Culture
- 1:30 Christian Davenport—Belle Glade Monumental Construction Examined
- 1:45 Nathan Lawres and Matthew Colvin—Gathering Relations in an Aqueous World: Monumentality, Ontology, and the Belle Glade Landscape
- 2:00 Rebecca Stitt—Defining Boundaries: An Investigation of Boynton Mounds (8PB100)
- 2:15 Donna Selch, Mark Rochelo and Chris Davenport—Exploring the use of LiDAR Remote Sensing Data to Illuminate Belle Glade Earthworks
- 2:30 Robert Carr—Belle Glade Circular Earthworks: A New Interpretation

**[247] GENERAL SESSION ■ THEORETICAL APPROACHES IN ARCHAEOLOGY****Room:** Asia 2**Time:** 1:00 PM - 2:45 PM**Chair:** Kristina Walters**Participants:**

- 1:00 Andrew Martin—Prehistoric Conflict Resolution: Archaeology's unique position to address today's problems.
- 1:15 Charles Boyd and Donna Boyd—Archaeological Inference and the Concept of Culture
- 1:30 David Schoenholzer, Ernesto Dal Bo and Kirsten Vacca—Integrating Archaeological Evidence on the Origins and Transformation of Sociopolitical Complexity During the Holocene
- 1:45 Kristina Walters and Lorena Craig—The Co-phylogeny of Earth-Diver Creation Myths and Language: Insights into Evolution Processes and Migration
- 2:00 Matthew Harris—In Defense of Data: Realigning Archaeological Modeling Theory with Modern Statistical Learning Approaches
- 2:15 Angus Mol—The Deep Structure of Dependency: Relational Data and Heuristics in Archaeology
- 2:30 Vivian James—Archaeological Epistemology and Praxis: Multidimensional Context

**[248] FORUM ■ ARCHAEOLOGICAL “ART”: ART, MATERIAL CULTURE, VISUAL CULTURE, OR SOMETHING ELSE?****Room:** Oceanic 3**Time:** 1:00 PM - 3:00 PM**Moderator:** John Robb**Participants:**

- April Nowell—Discussant
- Maria Zedeño—Discussant
- Elizabeth DeMarrais—Discussant
- Peter Wells—Discussant

Silvia Tomaskova—Discussant  
 Severin Fowles—Discussant  
 Robin Skeates—Discussant  
 Doug Bailey—Discussant  
 John Creese—Discussant  
 Mary Miller—Discussant

**[249] FORUM ■ ISSUES IN SUBMERGED PREHISTORIC ARCHAEOLOGY IN THE AMERICAS**

**Room:** Oceanic 4

**Time:** 1:00 PM - 3:00 PM

**Moderators:** John OShea and Michael Faught

**Participants:**

Isabel Cartajena—Discussant  
 E. James Dixon—Discussant  
 Amanda Evans—Discussant  
 Nicholas Flemming—Discussant  
 Ervan Garrison—Discussant  
 Amy Gusick—Discussant  
 Jessi Halligan—Discussant  
 Peter Leach—Discussant  
 Ashley Lemke—Discussant

**[250] FORUM ■ WHO OWNS THE PAST? A DISCUSSION BETWEEN NAT GEO'S DIGGERS AND PROFESSIONAL ARCHAEOLOGISTS**

*(Sponsored by Media Relations Committee)*

**Room:** Oceanic 1

**Time:** 1:00 PM - 3:00 PM

**Moderator:** Brendan Pelto

**Participants:**

Kirk French—Discussant  
 L. Meghan Dennis—Discussant  
 Andrea Messer—Discussant

**[251] SYMPOSIUM ■ "UNLESS WE REMEMBER WE CANNOT UNDERSTAND": ARCHAEOLOGICAL INQUIRIES INTO THE ACT OF REMEMBERING**

**Room:** Northern Hemisphere Salon E1

**Time:** 1:00 PM - 3:00 PM

**Chairs:** Katrina Eichner and Alyssa Scott

**Participants:**

1:00 Kirsten Vacca—Let the Memory Live Again: Creation and Recreation of Hawaiian Households  
 1:15 Gabriel Sanchez—Exploring Traditional Ecological Knowledge in Central California through Ethnographic and Ethnohistorical Records  
 1:30 Kimberly Salyers—Entanglement of Memories in Mesoamerica and Applications in the Palenque Region  
 1:45 David Hyde—Stories Past and Present: Archaeology, Lore, and Community at von Pfister's General Store, Benicia, California  
 2:00 Katrina Eichner—Memories of Women's Work: Investigating the 19th Century U.S. Army Laundresses' Quarters at Fort Davis, Texas  
 2:15 Christopher Lowman—Old Lumber is Missing: Artifacts from Stanford's Chinese

- Communities
- 2:30 Alyssa Scott—Memory and Life in Nineteenth-Century Sacramento
- 2:45 Mario Castillo—Hñähño Narratives of San Ildefonso, Mexico: Social Memory in the form of Oral History

**[252] GENERAL SESSION ■ SOUTH ASIA**

**Room:** Australia 3

**Time:** 1:00 PM - 3:00 PM

**Chair:** Laura Mazow

**Participants:**

- 1:00 Larissa Smith—Making It Cool: Modern Lessons in Reinterpreting, Reappropriating and Understanding Hunter Gatherer Studies
- 1:15 Peter Lape, Emily Peterson, Jenn Huff, Joss Whittaker and Lauryl Zenobi—Exploring the Island Southeast Asian Neolithic: New results from Seram Island, Indonesia
- 1:30 Rory Dennison—Connected Kilns: Examining Interconnections of Trade in Southern China and the Philippines using LA-ICP-MS
- 1:45 Sneh Patel—The Bazaar Side of the Indus Valley: A Framework for Understanding the Merchant Economy of the Indus Valley Culture
- 2:00 Carmen Sarjeant—In and Out of Contact: Comparing Communication between Sites with Ceramic Technology in Prehistoric Southern Vietnam
- 2:15 Kristyn Hara—Urbanizing Forests: Paleoethnobotanical Research at the Royal Capital of Angkor, Cambodia
- 2:30 Chin-hsin Liu—Environmental Fluctuation in Neolithic Coastal Central Thailand: A Human Story
- 2:45 Laura Mazow—Weapon or Weaving Swords and the Complexities of Gender Construction

**[253] SYMPOSIUM ■ ADVENTURES IN ARCHAEOLOGY: A SYMPOSIUM IN HONOR OF WM. JERALD KENNEDY**

**Room:** Northern Hemisphere Salon C

**Time:** 1:00 PM - 3:30 PM

**Chair:** Ryan Wheeler

**Participants:**

- 1:00 Ryan Wheeler—Wm. Jerald Kennedy's Legacy of Archaeology in Palm Beach County, Florida
- 1:15 Jesus Vega—From Spanish Shipwrecks to Coastal Development: The Archaeologist as Adventurer, Public Enemy and Philosopher (Did Anybody Say Scientist?)
- 1:30 Gary Beiter and Monica Oyola-Coeur—Perry Pines Sites: A Cultural Resources Phase I Survey Report
- 1:45 D Clark Wernecke—Jerry Sent Me to Mesoamerica and All I Got Was a Shirt...
- 2:00 James Pepe—North Woodlawn Cemetery: Remotely Sensing Jim Crow
- 2:15 Monica Oyola-Coeur, RPA—The National Archives: Accessing Historical Resources for the Archaeologist
- 2:30 Daniel Hughes—Circulating Ceramics in the Eighteenth Century
- 2:45 John Turck and Alexander Martin—GIS and Remote Sensing in Archaeology: Jerry Kennedy's Influence on Large Scale Studies
- 3:00 Michael Harris—A Generous Spirit
- 3:15 W. Kennedy—Discussant

**[254] GENERAL SESSION ■ WORLDWIDE PRESERVATION AND HERITAGE MANAGEMENT:  
ADVANCES AND CHALLENGES**

**Room:** Northern Hemisphere Salon A4

**Time:** 1:00 PM - 3:30 PM

**Chair:** Jorge Garcia

**Participants:**

- 1:00 Giovanni Bautista and Belinda Mollard—Cultural Resource Management in the Philippines: Current Practices, Trends and Challenges
- 1:15 R. Lyman—Facade CRM: Protecting the Resource with Words Rather than Actions
- 1:30 Fiorella Burga Gil—Cambinando visiones. La Puesta en Valor como medio de Conservación de un sitio arqueológico. El caso de Cerro Azul.
- 1:45 Patricia Ochoa Castillo and Patricia Ochoa—Colecciones arqueológicas del Preclásico Mesoamericano en Museos Extranjeros
- 2:00 Jorge Garcia—New Perspectives for a Collaborative Community Archaeology in Colombia: Strengthening the Social Fabric through the Mitigation of Violent Pasts and the Re-Appropriation of Heritage Management
- 2:15 Qian Gao—Archaeological Tourism and Social Values, a Case Study in China
- 2:30 Linda Hurcombe—Experimental Archaeology and perishable Material Culture: Using Traditional Museums and Open Air Museums to Investigate the Missing Majority
- 2:45 Michael Danti and Allison Cuneo—The ASOR Cultural Heritage Initiative: Planning for Safeguarding Heritage Sites in Syria and northern Iraq
- 3:00 Helen Fairley, Joel Sankey and Joshua Caster—Sustaining Sites In A Sediment-Deprived System: Designing a Monitoring Program to Assess Glen Canyon Dam Effects on Downstream Archaeological Sites in Grand Canyon
- 3:15 Edward Zegarra—Partnerships for Patrimony: A Community-based Approach to Sustainable Archaeological Protection

**[255] GENERAL SESSION ■ PREHISPANIC ANDEAN TECHNOLOGIES**

**Room:** Asia 5

**Time:** 1:00 PM - 3:15 PM

**Chair:** German Loffler

**Participants:**

- 1:00 Izumi Shimada—Molding in Ceramic Production: Challenging Pervasive Views
- 1:15 Ester Echenique and Florencia Avila—From Ethnography to Archaeometry: Ceramic Production and Styles in the Río Grande de San Juan Basin, Bolivia
- 1:30 John Staller—Andean Foodways: Interdisciplinary Approaches to Pre-Columbian and Colonial Food and Culture
- 1:45 Crystal Dozier—Maize Starch Taphonomy in Chicha Production: Experimental Results
- 2:00 Fernando Franchetti, Clara Otaola and Miguel Giardina—Human Biogeography in the Diamante Valley, (Central Western Argentina): Integrating Different Data in a New Research Design
- 2:15 German Loffler—This Concoction is Hot, But My Hand Is Not!: A Possible Function of Annular Rings on P'uku-like Vessels in the Central Coast of Peru during the Late Intermediate Period and a Conjectural Link to Andean Traditional Medicine
- 2:30 Jessica Kaplan—Tracing the Movement of Quispisisa Obsidian during the Middle Horizon, Peru
- 2:45 Gustav Eigenherr and Lais Müller—Cultural Inclusion and the Use of Technology
- 3:00 Kathleen Huggins, Paul Goldstein and Matthew Sitek—Looking for Invisible Makers Marks: The Distribution of Formative Period Sherds in Adobes at the

Omo M10A Tiwanaku Temple

**[256] SYMPOSIUM ■ UNDERSTANDING CLASSIC MAYA HEGEMONIC NETWORKS THROUGH TEXTUAL-MATERIAL SYNERGIES: THE CASE OF THE "SNAKE" KINGDOM**

**Room:** Northern Hemisphere Salon E4

**Time:** 1:00 PM - 3:45 PM

**Chairs:** Simon Martin and Marcello Canuto

**Participants:**

- 1:00 Marcello Canuto and Simon Martin—The Dynamics of an Ancient Hegemony: How the Classic Snake Kingdom Rewrites the Story of lowland Maya Political Organization
- 1:15 Simon Martin, Ramón Carrasco and Rogelio Valencia—At the Heart of the Serpent: Archaeology, Epigraphy, and Iconography at Calakmul, Campeche, Mexico
- 1:30 Erik Velásquez García and Sandra Balanzario Granados—The Rulers of the Kanu'l Dynasty from the Perspective of Dzibanche, Quintana Roo, Mexico.
- 1:45 Verónica Vázquez López, Felix Kupprat, Rogelio Valencia Rivera and Hugo García Capistrán—The Social Function of the Title "K'uhul Chatahn Winik"
- 2:00 Jerald Ek and Carlos Pallán Gayol—Archaeological and Epigraphic Indices of the Political Domination: A View from the Northwestern Periphery of the Kaanu'l Hegemonic State
- 2:15 Francisco Estrada-Belli and Alexandre Tokovinine—Nested Hegemonies in the Holmul Region
- 2:30 Marc Zender, Jaime Awe and Simon Martin—The "Snake" Kingdom from the Vantage of Western Belize
- 2:45 Olivia Navarro-Farr, Michelle Rich and Stanley Guenter—Queens and Statecraft: Royal Women as Agents of Kaanul at El Perú-Waka'
- 3:00 David Stuart, Marcello Canuto and Tomas Barrientos—Archaeology, Epigraphy and the Development of Long-term Alliance at La Corona, Guatemala
- 3:15 Simon Martin—Discussant
- 3:30 Rod Campbell—Discussant

**[257] GENERAL SESSION ■ EUROPEAN BRONZE AGE**

**Room:** Asia 3

**Time:** 1:00 PM - 3:45 PM

**Chair:** Katherine Jarriel

**Participants:**

- 1:00 Emily Holt and Anke Marsh—Water Management, Ritual Ideology, and Environmental Change in Bronze Age Sardinia
- 1:15 Katherine Jarriel—Modeling Small World Networks in the Cyclades (Greece)
- 1:30 Aurelien Tafani, Robert H. Tykot and Kewin Peche-Quilichini—A Provenance Study of Ceramics from Final Bronze Age Sites in Corsica using Non-Destructive pXRF Analysis
- 1:45 Tamas Polanyi—The Second Voyage of Odysseus: Tale of the Traveling Warrior of Bronze Age Europe
- 2:00 Luke Kaiser—The Role of Intercommunity Feasting in the Development of Social and Economic Complexity at Early Bronze Age Mochlos
- 2:15 Joanne Murphy—The Value of All that Glitters: Beads in the Tombs around Pylos, Greece
- 2:30 Kyle Jazwa—Constructing Collapse: A Technological Analysis of Early-Middle Bronze Age Domestic Architecture in Mainland Greece and its Social Implications

Saturday Afternoon, April 9

- 2:45 William Gilstrap, Vassilis Kilikoglou and Peter Day—Painting and Firing Technology in the Late Bronze Age Saronic Gulf: A Study of Ceramic Microstructures by SEM
- 3:00 Natalie Abell and Myrto Georgakopoulou—Re-casting from Scrap: The Role of Ayia Irini in Bronze Age Aegean Metallurgy
- 3:15 Helena Tomas—Following the Early Maritime Routes from the Adriatic to Greece
- 3:30 Laura Swantek—A Complex Systems and Network Science Approach to the Emergence of Social Complexity on Cyprus during the Prehistoric Bronze Age

**[258] SYMPOSIUM ■ COLLABORATIONS AND COMPETITION BETWEEN PROFESSIONALS AND NONPROFESSIONALS IN THE PRODUCTION OF ARCHAEOLOGICAL KNOWLEDGE IN THE AMERICAS**

*(Sponsored by HAIG Biennial Gordon R. Willey Symposium on the History of Archaeology)*

**Room:** Australia 2

**Time:** 1:00 PM - 4:00 PM

**Chairs:** Andrew Christenson and David Wilcox

**Participants:**

- 1:00 Katie Kirakosian—Disciplining a Discipline: On In-Groups and Out-Groups and Archaeological Identity Politics through Time
- 1:15 Alice Kehoe—Thrown to the Fringe: Challenging the Myth of Columbus
- 1:30 William Werner—"The Real and Only True Documents": German Naturalists and the Systematic Observation of Antiquities in Mid-Nineteenth-Century Central Veracruz, Mexico
- 1:45 Juan-Jose Ortiz-Aguilu—The Caribbean and the Beginnings of American Archaeology and Anthropology
- 2:00 Steven James—Dr. Fay-Cooper Cole and His Father, Rev. Dr. George L. Cole: A Forgotten Chapter of Early Archaeological Explorations in the American Southwest
- 2:15 William Green and Roland Rodell—"The Wisconsin Idea" and the Production of Archaeological Knowledge during the Progressive Era, ca. 1900-1930
- 2:30 Andrew Christenson—The Matthew Effect in Archaeology: Discovery, the Transmission of Knowledge, and Credit
- 2:45 Dana Oswald—Creating Insiders and Outsiders through Language
- 3:00 David Wilcox—Synergies of Success: Stories of Avocational/Professional Archeology in Arizona
- 3:15 Jerry Howard—Changing Attitudes and Perspectives on Public Participation in Archaeology: The Case of the Southwest Archaeology Team
- 3:30 Kelley Hays-Gilpin and Peter J. Pilles, Jr—Amateur and Professional Archaeologists: Who's Who?
- 3:45 Tim Murray—Discussant

**[259] SYMPOSIUM ■ RETHINKING THE INKA: THE VIEW FROM THE SOUTH**

**Room:** Southern Hemisphere Salon 3

**Time:** 1:00 PM - 4:15 PM

**Chairs:** Frances Hayashida, Andres Troncoso and Diego Salazar

**Participants:**

- 1:00 Francisco Garrido—The Illusion of Total Control in the Provinces of the Inca Empire
- 1:15 Diego Salazar, Andres Troncoso, Frances Hayashida and Cesar Parcero-Oubiña—Copper Rich, Water Poor: The Southern Atacama under Inka Rule
- 1:30 Pablo Cruz and Christian Vitry—The Mineral Heart of Tawantinsuyo: Metal

Saturday Afternoon, April 9

- 1:45 Production, Power and Religiosity in Qollasuyo  
Mauricio Uribe—Márgenes y Centros del Tawantinsuyo en el Norte Grande de Chile (Andes Centro Sur)
- 2:00 Maria Cremonte, Clarisa Otero and Catriel Greco—Re-thinking Social and Chronological Palimpsest. Inka Domination in Quebrada de Humahuaca (Jujuy, Argentina)
- 2:15 Questions and Answers
- 2:30 Julieta Lynch and Marco Antonio Giovannetti—Inca Landscapes in Midwest Catamarca (Argentina)
- 2:45 Veronica Williams—Landscape, Social Memory, and Materiality at Calchaqui Valley during Inka Domination in Northwest Argentina
- 3:00 Axel Nielsen—The Role of Chullpas in the Inca Conquest of the Southern Altiplano: A Symmetrical Approach
- 3:15 Daniel Pavlovic, Rodrigo Sánchez, Daniel Pascual and Andrea Martínez—Dynamics of Interaction and Integration between the Tawantinsuyu and the Local Populations of the Kollasuyu: Contributions from the Mediterranean Valleys of Central Chile
- 3:30 Carlos Angiorama and Constanza Taboada—Impact, Expansion and Heterogeneous Strategies of the Tawantinsuyu at its Borders: The Case of Santiago del Estero in the Eastern Lowlands of Argentina
- 3:45 Sonia Alconini—Discussant
- 4:00 Terence Daltroy—Discussant

**[260] SYMPOSIUM ■ MY BEST (AND WORST) DAY AT FPAN: CELEBRATING 10 YEARS OF FLORIDA PUBLIC ARCHAEOLOGY NETWORK PROGRAM HIGHLIGHTS AND CONTINUING CHALLENGES**

**Room:** Southern Hemisphere Salon 2

**Time:** 1:00 PM - 4:45 PM

**Chairs:** William Lees and Sarah Miller

**Participants:**

- 1:00 Della Scott-Ireton, Jeffrey Moates and Nicole Grinnan—The Best Days at FPAN are Under Water: The SSEAS and HADS Programs for Sport Divers and Diving Leadership
- 1:15 Sarah Miller—Engaging the Living in Honor of the Dead: The Cemetery Resource Protection Training (CRPT) Program across Florida
- 1:30 Jeffrey Moates—Understanding Archaeological Site Protection at the Local Level in Florida
- 1:45 Barbara Clark—The Best Days at FPAN are Shared with Others: The Various Partnerships FPAN had Developed Over the Years
- 2:00 Mike Thomlin—The Best Days at FPAN are Out of Sight: Public Archaeology Airwaves of Unearthing Florida and the DARC Geotrail
- 2:15 Tristan Harrenstein—What Have We Here?: Demonstrating the Opportunities for Heritage Preservation to Local Governments
- 2:30 Nigel Rudolph and Jeff Moates—Collaboration in Progress: FPAN Central Regional Center and the Florida Park Service.
- 2:45 Rebecca OSullivan—Archaeology in your Backyard: Successes and Lessons Learned from FPAN-Led Community Archaeology Projects
- 3:00 Kassie Kemp—Exploring Strategies for Talking to the Public: Learning from 10 Years of the Florida Public Archaeology Network
- 3:15 Kevin Gidusko, Rachael Kangas, Kassie Kemp and Nigel Rudolph—CLAASP: A Public Archaeology Initiative To Preserve Archaeological Information In Central Florida
- 3:30 Rachael Kangas—It's a Bird, It's a Plane, It's Public Engagement! One Summer



Saturday Afternoon, April 9

- Library Program as an Effective Outreach Platform
- 3:45 Sarah Bennett, Sarah E. Miller, Amber J. Graftt-Weiss, Lianne Bennett and Emily Jane Murray—My Best Day at FPAN was Teaching Teachers: Celebrating 10 Years of Project Archaeology in Florida
- 4:00 Nicole Grinnan—Submerging the Public: Perspectives on Developing Guided Archaeological Shipwreck Tours
- 4:15 KC Smith—Discussant
- 4:30 Jeffrey Mitchem—Discussant

**[261] SYMPOSIUM ■ WHAT DO WE MEAN BY “DIGITAL CURATION?”****Room:** Asia 4**Time:** 1:00 PM - 4:45 PM**Chairs:** Francis McManamon and Julian Richards**Participants:**

- 1:00 W. Fredrick Limp—Digital Curation, Data and Replication Of Results—The Foundation for the Future of Archaeology
- 1:15 Julian Richards and Franco Niccolucci—Current Developments in Cyber-Infrastructure in European Archaeology
- 1:30 Leigh Anne Ellison and Adam Brin—tDAR (the Digital Archaeological Record): A Domain Repository for Archaeology
- 1:45 Holly Wright—ARIADNE: Building a European Data Infrastructure for Archaeology
- 2:00 Colleen Strawnhacker, Thomas McGovern, Emily Lethbridge, Gisli Palsson and Adam Brin—Linking Transdisciplinary Data to Study the Long-Term Human Ecodynamics of the North Atlantic: The cyberNABO Project
- 2:15 Michael Ashley, Ruth Tringham, Meg Conkey and Cinzia Perlingieri—Differential Access for the Ethical Stewardship of Cultural and Digital Heritage through Mukurtu.net
- 2:30 Questions and Answers
- 2:45 Eric Kansa and Sarah Whitcher Kansa—Toward Slow Data in Archaeology
- 3:00 Adam Rabinowitz, Ryan Shaw, Patrick Golden, Sarah Buchanan and Eric Kansa—“Periods, Organized (PeriodO)”: A Linked Data Period Gazetteer and Approach to the Modeling of Scholarly Assertions
- 3:15 Rachel Opitz—A Matter of Priorities: Making a Future for Digital Scan Data
- 3:30 Carrie Heitman, Worthy Martin and Stephen Plog—Legacy Records and Digital Innovation: The Chaco Research Archive and Beyond
- 3:45 R. Kyle Bocinsky and Adam Brin—SKOPE: Bringing Continent-scale, Local Paleoenvironmental Data to Researchers and the Public
- 4:00 Joshua Wells, Eric Kansa, Sarah Kansa, David Anderson and Stephen Yerka—DINAA Means “Everybody Can Be a Digital Curator”: Community-Powered Disciplinary Curatorial Behaviors with the Digital Index of North American Archaeology (DINAA)
- 4:15 Jeffrey Altschul—Discussant
- 4:30 Vincas Steponaitis—Discussant

**[262] SYMPOSIUM ■ COMPARATIVE APPROACHES TO COMPLEXITY IN THE TROPICS****Room:** Southern Hemisphere Salon 4**Time:** 1:00 PM - 4:45 PM**Chair:** Scott Macrae**Participants:**

- 1:00 Gyles Iannone—The Socio-Ecological Entanglement in Tropical Societies (SETS) Project

Saturday Afternoon, April 9

- 1:15 Scott Macrae—A Comparative Approach to Understanding Ancient Agriculture Complexity in the Tropics
- 1:30 Madeleine Yakal and Stephen Acabado—Elite formation and wet-rice access in the northern Philippine highlands
- 1:45 Leah Marajh—Water Management in the Ancient States of South India and Sri Lanka
- 2:00 Sarah Klassen, Terry Lustig and Damian Evans—Using Adaptive Capacity to Assess the Water Management System of Koh Ker, Cambodia
- 2:15 Sheryl Luzzadder-Beach, Timothy Beach and Samantha Krause—The Constraints and Conditions of Water Chemistry for Human Use of Maya Tropical Wetland Fields
- 2:30 Adrian Chase—Heterarchical Entanglement: The Complexity of Maya Water Management
- 2:45 Questions and Answers
- 3:00 Christian Isendahl and Elizabeth Graham—A Model for Urbanism from the Neotropics?
- 3:15 Kendall Hills—Investigating Integrative Mechanisms Among Early Tropical States
- 3:30 Thomas Leppard and Scott Fitzpatrick—A Mentality for Monumentality? Monumental Architecture and Hierarchical Social Organization on Subtropical and Tropical Islands
- 3:45 Alison Carter, Cristina Castillo, Rachna Chhay, Tegan McGillivray and Yijie Zhuang—Household Archaeology in Angkorian Cambodia: Preliminary Results and Challenges for Future Research
- 4:00 Jacob Gold—One Foot in the Field and the Other in the Forest: Indigenous "State Hedging" in Cambodia and Beyond
- 4:15 Arlen Chase—Discussant
- 4:30 Vernon Scarborough—Discussant

**[263] SYMPOSIUM ■ MULTIDISCIPLINARY APPROACHES TO AMAZONIAN LANDSCAPES**

**Room:** Asia 1

**Time:** 1:00 PM - 4:45 PM

**Chairs:** Denise Schaan and Camila Figueiredo

**Participants:**

- 1:00 Denise Schaan—Historical Ecology: Archaeology for a Sustainable Future
- 1:15 Stéphen Rostain—Amazonian Mounds. When Human Sciences Met Earth Sciences
- 1:30 Jose Lopez—Where Does the Amazon End?
- 1:45 Augusto Oyuela-Caycedo—Where Was the Forest in the Upper And Norwest Amazon Before the Arrival of the Europeans?
- 2:00 Jose Iriarte, Denise Schaan Pahl, Shira Maezumi, Salman Khan and Daiana Travassos —A Multiproxy Approach to Study Past Human Impact on the Lower Amazon, Santarem
- 2:15 Per Stenborg—Predicting the Past: Remote Sensing Data as a Tool for locating Archaeological Settlements in the Amazon
- 2:30 Lilian Rebellato, Camila Figueiredo and William Woods—The Geographical Distribution of the Amazonian Dark Earths in the Lower Amazon
- 2:45 Mats Söderström and Christian Isendahl—Remote and Proximal Sensors for Field Mapping of Amazonian Dark Earths
- 3:00 Antonia Barbosa—Arqueoastronomy and Built Landscape: The Spatial Orientation of Geometric Enclosures in Western Amazonia
- 3:15 Camila Figueiredo—Different and Complementary Landscapes: A Case of Study in the Flona-Tapajós

Saturday Afternoon, April 9

- 3:30 Daiana Alves, Jose Iriarte and Denise P. Schaan—Ancient Plant Management at ADEs on Santarem Region from an Archaeobotanical Approach
- 3:45 Joanna Troufflard—Historical Ecology of Landscape Transformations and Ceramic Industries at the Site of Cedro (Lower Tapajós) from Pre-Colonial to Colonial Times
- 4:00 Eliane Faria—Amazonian Landscapes: The Characteristics of Anthropogenic Landscapes in the Middle Xingu River (Pará, Brazil) from Pre-Colonial to Contemporary Times
- 4:15 Charles Crones and Michael Heckenberger—From Maps to Lives: Participatory Archaeology and the Fate of the Amazon in the Digital Age
- 4:30 Questions and Answers

**[264] SYMPOSIUM ■ INCIDENCIA, ARTICULACIÓN E INNOVACIÓN DEL CONOCIMIENTO ARQUEOLÓGICO EN LA COSTA DEL GOLFO MESOAMERICANO: ORGANIZACIÓN IDEOLÓGICA, POLÍTICA Y RITUAL. / IMPACTS, ARTICULATIONS AND INNOVATIONS IN THE ARCHAEOLOGICAL STUDY OF THE MESOAMERICAN GULF COAST: IDEOLOGICAL, POLITICAL Y RITUAL ORGANIZATION**

**Room:** Southern Hemisphere Salon 1

**Time:** 1:00 PM - 5:00 PM

**Chair:** Lourdes Budar

**Participants:**

- 1:00 Sara Ladron De Guevara—El maíz. Iconografía ritual y de poder en la Costa del Golfo.
- 1:15 Christopher Pool, Michael Loughlin, Manuel Melgarejo Pérez, Gabriela Montero Mejía and Kyle Mullen—Architectural Variation in the Tres Zapotes Region
- 1:30 Hirokazu Koteagawa—Tradición regional e impacto cultural foráneo: Los logros y tareas a través de las tres temporadas de campo por el Proyecto Arqueológico Estero Rabón
- 1:45 Joshua Englehardt, Michael Carrasco and Mary Pohl—New Perspectives on Gulf Coast Olmec Iconography and Scripts via the Mesoamerican Corpus of Formative Period Art and Writing
- 2:00 Travis Doering—Ritual Deposits at El Marquesillo, Veracruz: Examples of Long-Term Collective Social Memory
- 2:15 Gibrán Becerra—Poder, autoridad y paisaje político en la zona costera de la sierra de Santa Marta, Los Tuxtlas, Ver.
- 2:30 Philip Arnold and Lourdes Budar—Building Power: The Teotepac Palace as Materialized Ideology
- 2:45 Lourdes Budar—La Perla del Golfo, puerto prehispánico de Los Tuxtlas.
- 3:00 Questions and Answers
- 3:15 Annick Daneels—Architecture and Human Sacrifice: Political and IDEOLOGICAL SIGNIFICANCE of the Ritual Deposits in Monumental Earthen Architecture in South-Central Veracruz
- 3:30 Mitsuru Kurosaki—Las características de ofrenda de terminación en La Joya, Centro-Sur de Veracruz
- 3:45 Arturo Pascual Soto—Divinos Señores de El Tajín, política e ideología en el Epiclásico local (ca. 800-1100 d.C.)
- 4:00 Kim Richter—Art and Interregional Interchange in the Huasteca
- 4:15 Cherra Wyllie—Changing Art? Changing Identity?: Visual Culture in Ancient Veracruz during the Late Classic-Early Postclassic Transition
- 4:30 Thomas Killion—Discussant
- 4:45 Marcie Venter—Discussant

Saturday Afternoon, April 9**[265] POSTER SESSION ■ MUSEUM MEET AND GREET***(Sponsored by The Committee on Museums, Collections, and Curation)***Room:** Atlantic Hall B**Time:** 1:30 PM - 3:30 PM**Chair:** C. L. Kieffer**Participants:**

- 265-a Rebecca Morehouse, Sara Rivers Cofield and Erin Wingfield—Yes! You Can Have Access to That! Increasing and Promoting the Accessibility of Maryland's Archaeological Collections
- 265-b Jody Clauter, Zachary Garhart, Adam Guinard and Rachael Shimek—Clovis Points, Trade Beads, and Everything in Between: Collections at the University of Wyoming Archaeological Repository
- 265-c Diana Greenlee and Stephanie Perrault—Collections-Based Research at Poverty Point World Heritage Site
- 265-d Gregory Lattanzi—The Other 99%: Archaeological Collections, Research, and the New Jersey State Museum
- 265-e Marybeth Tomka and Jonathan Jarvis—Texas Archeological Research Laboratory: Everything in Texas is Bigger
- 265-f Laura Costello, Patricia Capone, Meredith Vasta and Diana Zlatanovski—Research at the Peabody Museum of Archaeology and Ethnology, Harvard University
- 265-g Jenna Domeischel—Eastern New Mexico University Archaeological Collections
- 265-h Christina Hodge and Camilla Mazzucato—Visualizing with GIS at Stanford University Archaeology Collections: Open for Interpretation
- 265-i Elizabeth Moore—Research and Collections at the Virginia Museum of Natural History
- 265-j Amy Montoya, Diana Sherman, C. L. Kieffer, Julia Clifton and Maxine McBrinn—Exploring Archaeological Collections and Research Possibilities at the Museum of Indian Arts & Culture
- 265-k Elizabeth Benchley and Norine Carroll—Archaeological Collections at the University of West Florida
- 265-l Andrew Gurstelle—Archaeological Collections at the Museum of Anthropology, Wake Forest University
- 265-m Arleyn Simon and Stephen Reichardt—Future Salado Research: Roosevelt Archaeology at ASU Center for Archaeology & Society Repository
- 265-n Wendi Field Murray and Meagan Schoenfelder—From Folsom to the Fur Trade: Harnessing the Research Potential of the State Historical Society of North Dakota's Archaeology Collections
- 265-o Eric Kaldahl—Amerind Foundation Collection and Archives

**[266] POSTER SESSION ■ NAGPRA AND BEYOND: SUCCESSES AND SHARED BENEFITS OF COLLABORATION***(Sponsored by Indigenous Populations Interest Group)***Room:** Atlantic Hall B**Time:** 1:30 PM - 3:30 PM**Chairs:** Lara Noldner, Suzanne Wanatee-Buffalo and Johnathan Buffalo**Participants:**

- 266-a Melody Pope, Lynn Alex and Shirley Schermer—Stewarding Past Places into the Future – Cultural Landscapes, Byways, and Heritage Studies in Archaeological Practice
- 266-b Lara Noldner, Shirley Schermer, Suzanne Buffalo and Johnathan Buffalo—Attimoni (ah-jee-MOOUHN) – The Stories We Have to Tell: relationships among the Meskwaki Nation, tribes with historic ties to Iowa, and the Iowa Office of the

Saturday Afternoon, April 9

- State Archaeologist
- 266-c Elizabeth Reetz and William Quackenbush—Creating Collaborative Learning Opportunities for Indigenous Youth with Archaeology-based Environmental Education
- 266-d William Billeck—Repatriation to Lineal Descendants of Sitting Bull
- 266-e Angela Neller, Jacqueline Cook, Velma Valdez, Diana LaSarge and Robert Taylor—Collaboration and Partnership: The Columbia Plateau Inter-Tribal Repatriation Group
- 266-f April Sievert, Wayne Huxhold, Ben Barnes and Kelli Mosteller—Tribal History Partnerships and the Great Lakes/Ohio Valley Ethnohistory Collection at Indiana University
- 266-g Sara Gonzalez and Ian Kretzler—Field Methods in Indigenous Archaeology: Building Capacity through Community-Based Research and Education
- 266-h Eric Hollinger, Edwell John Jr. and Robert Starbard—Repatriation Collaborations Using 3D Technology: The Smithsonian-Tlingit Experience
- 266-i Heather Edgar and Christopher Toya—Context and Collaboration: The Maxwell's Repatriation to Jemez Pueblo
- 266-j Lourdes Henebry-DeLeon—NAGPRA Human Remains Inventory: Making Our Work More Visible

**[267] POSTER SESSION ■ CELEBRATING THE CONTRIBUTIONS OF A COMMUNITY OF PRESERVATION: FOREST SERVICE PARTNERS AND VOLUNTEERS**  
*(Sponsored by USDA Forest Service)*

**Room:** Atlantic Hall B

**Time:** 1:30 PM - 3:30 PM

**Chair:** Wendy Sutton

**Participants:**

- 267-a Michele Koons, Stephen Nash and Deborah Huntley—The Reserve Area Archaeological Project
- 267-b Danielle Romero, Barbara Roth and Darrell Creel—Archaeological Investigations at the Elk Ridge Site, Mimbres Valley, New Mexico
- 267-c Fumiyasu Arakawa, Garrett Leitermann, Kailey Martinez and Austin Schwartz—Hands-on Experience: NMSU Summer Fieldschool at Twin Pines Village in the Gila National Forest 2015
- 267-d Elizabeth Toney and Marilyn Markel—The Dragonfly Petroglyph Site: A Teaching Place for Us All
- 267-e Wendy Sutton—Celebrating Native Interpretations of “Rock Art” on the Gila National Forest
- 267-f Jan Biella—Partnerships between the USFS and New Mexico SiteWatch
- 267-g Erin Brown, Linda Popelish and Steve Owen—Airway Beacons: Rehabilitation and Interpretation
- 267-h Michelle Stevens—Circling the Wagons for the Santa Fe National Historic Trail - Partnering for Preservation
- 267-i Lawrence Todd and Kyle Wright—A CLG in the Wilderness: Cooperative Local Preservation in the Greater Yellowstone Ecosystem
- 267-j Kolleen Kralick, Bridget Roth, Towny Anderson and Molly Westby—16 by 16 - Forest Service Fire Lookout Restorations in the Rocky Mountain Region
- 267-k Lindsey Smith, Danyelle Leentjes, Paul Blackman, Nadia Werby and Sue Fischer—An Evolving Partnership: the San Juan National Forest, the Chimney Rock Interpretive Association and a New National Monument.
- 267-l Julie Coleman, T.J. Ferguson, Maren Hopkins, Lynn Robinson and Leigh Kuwanwisiwma—Chimney Rock Ethnographic Partnership
- 267-m Eraina Nossa and William MacNeill—Partnerships, Preservation, and Public

Archaeology: Working together to retrace the Trail of Tears across the Mark Twain National Forest

**[268] POSTER SESSION ■ RECENT ARCHAEOLOGICAL RESEARCH IN PETRIFIED FOREST NATIONAL PARK**

**Room:** Atlantic Hall B

**Time:** 1:30 PM - 3:30 PM

**Chair:** William Reitze

**Participants:**

- 268-a William Reitze, Amy Schott and Iva Lee Lehmkuhl—Three Seasons of Survey in the Painted Desert: An Update of the Petrified Forest Boundary Expansion Survey
- 268-b Alexandra Covert—From Ocean to Desert: Analysis of Prehistoric Shell Through Type, Use, and Trade Routes to Petrified Forest National Park
- 268-c Christina Stewart—Understanding the Relationship Between Sample Size and Variation in Ceramic Relative Chronologies at the Petrified Forest National Park
- 268-d Cody Dalpra, Brian Harmon and Reuven Sinensky—Clarifying Late Archaic, Basketmaker, and Pueblo I Project Point Types at Petrified Forest National Park, Arizona
- 268-e Ashley Packard—It's a Slippery Slope: The Impacts of Erosion on the Spatial Distribution of Artifacts
- 268-f Maxwell Forton—Petroglyphs of East Tank Mesa and the Mac Stod Great House: Using Rock Art to Gauge Regional Influences in Petrified Forest National Park
- 268-g Emilio Santiago and Reuven Sinensky—Pithouses, Pueblos, Projectile Points, Petroglyphs, and Possible Plazas: An Update on the 2015 Petrified Forest National Park Boundary Expansion Survey

**[269] GENERAL SESSION ■ CURRENT RESEARCH IN SOUTHERN AND EASTERN AFRICA**

**Room:** Northern Hemisphere Salon A3

**Time:** 1:30 PM - 3:30 PM

**Chair:** Andrew Duff

**Participants:**

- 1:30 Jonathan Walz—African Power Plays: Inland Beads, Shells, and Shell Beads in Tanzania, AD 700-1350
- 1:45 Kristina Douglass—Resource Exploitation Patterns in the Velondriake Marine Protected Area, Southwest Madagascar, ca. AD 800-1900
- 2:00 Elizabeth Peterson—An Ethnoarchaeological Approach to Exploring the Development of Hideworking Traditions in Ethiopia
- 2:15 Matthew Pawlowicz—Cosmopolitan to Different Degrees: Daily Engagement with Maritime Culture at Swahili Towns at the Turn of the 16th Century
- 2:30 Thomas Fenn, Jeffrey Fleischer, Stephanie Wynne-Jones, Edward Pollard and Tom Fitton—Economic Changes through Time along the Tanzanian Swahili Coast, as Seen through the Examination of Non-Ferrous Metals and Metallurgical Technologies
- 2:45 Andrew Duff, Ashenafi Zena, Addisalem Melesse and John Wolff—Recent Research on Megalithic Stele sites of the Gedeo Zone, Southern Ethiopia
- 3:00 Russell Cutts, David Braun, Sarah Hlubik and JWK Harris—Excavations at FxJj20Main-Extension-0, a Possible Fire Feature Associated with Oldowan Artifacts at Koobi Fora, Kenya
- 3:15 Adrian Evans, Louise Leakey, Randolph Donahue, Andrew Wilson and Tom Sparrow—Crowd Sourcing Archaeological and Palaeontological Survey

**[270] GENERAL SESSION ■ SUBSISTENCE AND AGRICULTURAL STRATEGIES IN MESOAMERICA****Room:** Northern Hemisphere Salon E2**Time:** 2:30 PM - 5:00 PM**Chair:** Jon Hageman**Participants:**

- 2:30 Jessica Devio and M. Kathryn Brown—New Evidence for Late Classic Maya Food Processing at Xunantunich, Belize: Preliminary Results of Starch Grain Analysis
- 2:45 Caroline Parris—Big Trash, Little Trash: A Comparison of a Late Classic Maya Feasting Deposit and a Household Midden
- 3:00 Stephanie Orsini, Carolyn Freiwald and Keith Prufer—Changing Food Choices from Paleoindian to Classic Maya Periods: A Zooarchaeological Analysis
- 3:15 Jon Hageman—Making the MED: Building an Online Ethnobotanical Database
- 3:30 Caroline Antonelli—Ancient Impacts on a Modern Environment: Soil Management and Intensive Agriculture in a Pre-Columbian Urban Context
- 3:45 Daniel Leonard and Jeffrey Vadala—The Emergence of Ecological Knowledge in the Ancient Maya Yalahau
- 4:00 Shane Montgomery—On the Back of the Crocodile: Extent, Energetics, and Productivity in Wetland Agricultural Systems, Northern Belize
- 4:15 Arianne Boileau—Creatures from the Lagoon: Maya Turtle Exploitation at Lamanai, Belize
- 4:30 Sebastian Salgado-Flores—Political Ecology of Postclassic Maya Plant Use at Lake Mensabak, Chiapas, México.
- 4:45 Rebecca Friedel—Ancient Maya Plant Use In the Mopan River Valley, Belize

**[271] GENERAL SESSION ■ GREEK AND ROMAN ARCHAEOLOGY****Room:** Oceanic 5**Time:** 3:00 PM - 4:30 PM**Chair:** William Balco**Participants:**

- 3:00 Thomas Gallant—Landscape Archaeology, Watermills and Hydrotechnology on a Greek Island
- 3:15 Angela Bellia—Musics, Cults and Rites of a Greek City in the West: the Case of Selinus
- 3:30 Hilary Becker—Roman Pigments and the Trade in Naturally Sourced Products
- 3:45 Alexander Brown—Heated Competition: The Social Role of Hypocaust in Roman Dacia
- 4:00 William Balco and Michael J. Kolb—Evidence for Roman Glass Production in Salemi, Sicily
- 4:15 Bethany Simpson and Emily Cole—Karanis and Qara el-Hamra: Spatial Organization of Settlements in the Ancient Fayum, Egypt

**[272] ELECTRONIC SYMPOSIUM ■ EVOLUTIONARY ARCHAEOLOGIES: NEW APPROACHES, METHODS, AND EMPIRICAL SUFFICIENCY****Room:** Oceanic 2**Time:** 3:00 PM - 5:00 PM**Chair:** Adam Rorabaugh**Participants:**

- Jessica Munson—Diversity and Divergence of Classic Maya Ritual Traditions: A Lexical Perspective on Within-Group Cultural Variation  
 Jose Lanata—Evolutionary Archaeology and the Anthropocene  
 Galen Miller-Atkins—Local Extinctions and Regional Cultural Diversification in Time-Averaged Assemblages  
 Mark Madsen—Measuring Cultural Relatedness Using Multiple Seriation Ordering Algorithms  
 Adam Rorabaugh—Credibility Enhancing Displays and the Changing Expression of Coast Salish Social Commitments  
 Jillian Galle—Chitons and Clams, Cash and Carry: An Archaeological Exploration of the Impact of Enslaved Children's Foraging Strategies on 18th-Century Enslaved Households in Jamaica  
 Jonathan Scholnick—Reading the chisel's chippings: Changing Religious Attitudes about Death and Eighteenth-Century New England Gravestones  
 Fraser Neiman—How can Evolutionary Models and Archaeological Evidence Help Us Understand Change in the Household Economies of Slave Villages on Nevis and Kitts?

**[273] GENERAL SESSION ■ MAYAN ARCHAEOLOGY**

**Room:** Northern Hemisphere Salon E3

**Time:** 3:00 PM - 5:00 PM

**Chair:** Michael Saunders

**Participants:**

- 3:00 Justine Shaw—The Resilience of the Maya in Northern Yucatan during the Terminal Classic  
 3:15 Tiffany Lindley—Maya Non-Elite Hinterland Household Responses to Terminal Classic Transformations  
 3:30 Victoria Ingalls—Social Memory in Maya Hinterland Communities: Recent Excavations at San Lorenzo, Belize  
 3:45 Jaclyn Doering, David Hyde and Krystle Kelley—Expansion of an Eastern Shrine at the Tapir Group of the Medicinal Trail Community in Northwestern Belize  
 4:00 Michael Saunders—Long-Term Highland Maya Environmental Interaction: Integrating Archaeological, Ethnographic and Ecological Data  
 4:15 Gerardo Aldana—14C and Maya Long Count Dates: Refining the Approach to Classic Maya Chronologies  
 4:30 Erin Ray—Comparative Geochemical Analyses of Lime-Plaster from a Cave Site in Belize, C.A.  
 4:45 Torin Power and David M. Hyde—Evidence for Quarrying at Medicinal Trail, A Maya Hinterland Community in Northwestern Belize

**[274] GENERAL SESSION ■ PALEOINDIAN SETTLEMENT AND PORTABLE ART**

**Room:** Southern Hemisphere Salon 5

**Time:** 3:15 PM - 4:15 PM

**Participants:**

- 3:15 Heather Rockwell—Simulating Clovis Technological Diffusion  
 3:30 William Hranicky and Jack Hranicky—Portable Rockart in Late Pleistocene Virginia  
 3:45 Jay Ciccone—The Paleoindian Period at the Aldrich Island Site: A Multicomponent Paleoindian site in the Hudson River Valley  
 4:00 Dennis Jenkins and Joshua Ziegler—Reevaluation of Site Chronology, Subsistence, and Unifacial Lithic Technology at the Connley Caves (35LK50), Lake County, Oregon



**[275] SYMPOSIUM ■ CURRENT BIOARCHAEOLOGICAL RESEARCH IN THE CASAS GRANDES REGION****Room:** Oceanic 7**Time:** 3:15 PM - 5:00 PM**Chairs:** Kyle Waller and Adrienne Offenbecker**Participants:**

- 3:15 Courtney McConnan Borstad, Jane Kelley and M. Anne Katzenberg—Dietary Variation at Paquimé (Casas Grandes) and Convento Sites: Evidence from the Stable Isotope Analysis of Human Bone Collagen
- 3:30 Daniel King, Michael Searcy and Kyle Waller—Dietary Patterns of Paquime: New Evidence from Dental Calculus and Microfossils
- 3:45 Lauren Downs—Habitual Postures of the Medio Period Casas Grandes People: A Comparison of Visual Art Representations and Skeletal Data
- 4:00 Ana Morales-Arce—An Ancient Mitochondrial DNA Approach to Explore Pre-Columbian Inhabitants Ancestry at Paquimé, Casas Grandes
- 4:15 Adrienne Offenbecker, Kyle Waller, Jane H. Kelley and M. Anne Katzenberg—Isotopic Evidence for the Presence of Immigrants at Casas Grandes
- 4:30 Kyle Waller—Gene Flow at Paquime: Cranial Non-Metric Approaches to Regional Social Interactions
- 4:45 Jeremy Cunningham—Discussant

**[276] GENERAL SESSION ■ BIOANTHROPOLOGICAL STUDIES IN SOUTH AMERICA****Room:** Oceanic 3**Time:** 3:30 PM - 4:45 PM**Chair:** Bastien Llamas**Participants:**

- 3:30 Eden Washburn and Lars Fehren-Schmitz —Molecular Archaeology in the Central Amazon: Paleogenetic and Isotopic Analyses of Human Remains from Hatahara
- 3:45 Rachel Witt and Kimberly Munro —Ritualistic Nature of Juvenile Interments, Cosma Archaeological Complex, Ancash, Perú
- 4:00 Bastien Llamas, Alan Cooper and Wolfgang Haak—Ancient Mitochondrial DNA Provides High-Resolution Timescale of the Peopling of the Americas
- 4:15 Elizabeth Cruzado Carranza—Characterizing the Mortuary Practices in Hualcayán, Ancash, Perú: Analysis of the Content And Distribution of Artifacts in Funerary Contexts
- 4:30 Shaina Molano—A Geometric Morphometric Analysis of Cranial Vault Modification in Ancash, Peru

**[277] GENERAL SESSION ■ HUMAN-COASTAL INTERACTIONS IN THE PAST****Room:** Northern Hemisphere Salon E1**Time:** 3:30 PM - 4:45 PM**Chair:** Eleanora Reber**Participants:**

- 3:30 Matthew Des Lauriers and Dustin Merrick—Feedback Loops, Demographic Circumscription, and Changing Labor Organization on Isla Cedros, Baja California, Mexico
- 3:45 Jayur Mehta and Elizabeth Chamberlain—Monumentality and Cultural Resilience in Coastal Louisiana

**Saturday Afternoon, April 9**

- 4:00 Martin Walker and Thaddeus Bissett—Working Within the Curves: Examining Issues of Resolution and Accuracy When Using Sea-Level Curves in Archaeological Contexts
- 4:15 Eleanora Reber and Raghdha el-Behaedi—In Their Cups?: Background lipids in shell as a basis for analyzing shell cup residues
- 4:30 Bradley Carlock and Tiffany Raymond—Comparison of Surface Data Collection Methods at Freshwater Mussel Shell Rings in the Mississippi Delta: When is Enough, Enough?

**[278] GENERAL SESSION ■ EUROPEAN PALEOLITHIC AGE**

**Room:** Oceanic 1

**Time:** 3:30 PM - 5:00 PM

**Chair:** Matthew Pope

**Participants:**

- 3:30 Jordi Rosell, Ruth Blasco, Florent Rivals, M. Gema Chacón and Andrea Picin—Changes in occupational patterns during the Middle Paleolithic: the Case of Teixoneres Cave Unit III (MIS 3, Moia, Barcelona, Spain)
- 3:45 John O'Hara—Social Networks and Cultural Geographies in the Magdalenian: Evidence from Personal Ornaments
- 4:00 Jay Franklin, Jean-Philippe Rigaud, Jan Simek, Lucinda Langston and Frédéric Surnely—A Techno-morphological Analysis of Gravettian Stone Tools from La Grotte Seize and La Ferrassie, Dordogne, France
- 4:15 Dominique Meyer, Jamie Hodgkins, Caley Orr, Fabio Negrino and Matthias Czechowski—Using Photogrammetry to Complement and Visualize the Paleolithic Excavation of the Arma Veirana Cave in Italy
- 4:30 Claire Heckel—The Slow Revolution: Chronological and Geographic Variability in Ornament Assemblages of the Early Upper Paleolithic in France
- 4:45 Matthew Pope—The Middle Pleistocene at La Cotte de St. Brelade, Jersey

**[279] GENERAL SESSION ■ ARCHAEOLOGY OF NORTHERN SOUTH AMERICA: ECUADOR, COLOMBIA AND VENEZUELA**

**Room:** Asia 2

**Time:** 3:30 PM - 5:00 PM

**Chair:** Ryan Hechler

**Participants:**

- 3:30 Corey Herrmann—Culture at an Andean Crossroads: New Analysis of Chorrera Ceramics from the Jama River Valley, Manabi, Ecuador
- 3:45 William Barse—Nericagua, Corobal, and the Upper Orinoco Ceramic Sequence
- 4:00 Juan Gonzalez and James Hinthorne—Polished Edge Stone Tools from the Gulf of Morrosquillo, Caribbean Coast of Colombia, Evidence of an Advanced Lithic Industry
- 4:15 Amber Anderson—Sacred Spaces and Ideology in the Pambamarca Fortress Complex
- 4:30 Ryan Hechler, William Pratt and David Brown—Beyond the Cultural Pale?: Contextualizing El Morro de Tulcán within Regional Earthen Mound Development in the Northern Andes
- 4:45 Russell Greaves and Karen Kramer—Ethnoarchaeology of Residential Mobility among Savanna Foragers and Archaeological Site Formation

Sunday Morning, April 10**[280] GENERAL SESSION ■ ARCHAEOLOGY OF THE CAROLINAS****Room:** Australia 3**Time:** 3:45 PM - 4:45 PM**Chair:** Aisling Tierney**Participants:**

- 3:45 Charlotte Goudge—Discoveries in Hatteras: European and Native American Cultural Contact and Assimilation.
- 4:00 Rosie Ireland—Discoveries in Hatteras: A Zooarchaeological Study of Native American consumption patterns
- 4:15 Aisling Tierney—Discoveries in Hatteras: Embedding Sustainability Thinking into Community Engagement
- 4:30 Mark Horton—The Hatteras Project: Late Woodland Settlement and Assimilation on the Outer Banks NC

**[281] GENERAL SESSION ■ COLONIAL ARCHAEOLOGY IN THE ANDES****Room:** Asia 5**Time:** 4:00 PM - 5:00 PM**Chair:** Douglas Smit**Participants:**

- 4:00 Scotti Norman—Conversion and Revitalization in a Taki Onqoy Center of Highland Peru (Chicha–Ayacucho)
- 4:15 Douglas Smit and Antonio Coello Rodríguez—Mitayos and Markets in Colonial Huancavelica (AD 1564-1810)
- 4:30 Hali Thurber and Steven Wernke—A Network Analysis of Embedded Pathways at Mawchu Llacta, Perú (1591 – 1617 C.E.)
- 4:45 Adam Birge—The Creation of Colonial Sacred Space and Landscapes around Nevado Sajama, Bolivia

**Sunday Morning ■ April 10, 2016****[282] SYMPOSIUM ■ MORE THAN A LABEL: SOCIAL COMPLEXITY, VARIABILITY AND SOCIAL DIVERSITY IN THE ORINOCO AND AMAZON BASINS****Room:** Northern Hemisphere Salon E1**Time:** 8:00 AM - 9:45 AM**Chairs:** Juan Vargas Ruiz and Josefina Vasquez**Participants:**

- 8:00 Carlo Serrano—Diversidad y Complementariedad en los Desarrollos Sociales Precolombinos de las Cuencas Upano y Palora, Morona Santiago, Ecuador
- 8:15 Andrea López and Florencio Delgado Espinoza—Contributions to Understanding Demography and Settlement Patterns in the Valle del Quimi, Zamora-Chinchipe Province, Ecuador
- 8:30 Juan Vargas Ruiz and Yhael Mendez—Social Variability and Leadership Strategies in the Llanos of the Orinoco
- 8:45 Josefina Vasquez—Can We Measure the Degree of Social Complexity within Quimi Valley?
- 9:00 John Walker—Mapping a Large Scale Amazonian Landscape using GIS
- 9:15 Alden Yopez and Irmela Herzog—De regreso al Valle de los Quijos (Ecuador): aproximaciones gráficas factoriales para interpretar la concentración de basura prehistórica como el momento de compactación sociopolítica de los cacicazgos
- 9:30 Eduardo Neves—Discussant

Sunday Morning, April 10**[283] SYMPOSIUM ■ CONSUMPTION PATTERNS AND FUNERARY RITUALS AT THE SITE OF PANQUILMA, LURIN VALLEY, PERUVIAN CENTRAL COAST***(Sponsored by Instituto de Estudios Peruanos)***Room:** Asia 4**Time:** 8:00 AM - 10:00 AM**Chair:** Enrique Lopez-Hurtado**Participants:**

- 8:00 Bryan Núñez Aparcana—Nectandra sp. Seed from Archaeological Contexts in Panquilma. An Approach Based on Morphological Features and Contextual Information
- 8:15 Mary Claudia Avila Peltroche, Ali Altamirano-Sierra and Bryan Núñez Aparcana—Analysis of Animal Bones in Panquilma and Their Relation with Domestic and Ritual Spaces
- 8:30 Jozie Buchanan—The Role of Botanicals in the Hierarchy of Panquilma
- 8:45 Arturo Rivera Infante—Panquilma's Architecture: Ideologies Involved in the Construction Process
- 9:00 Qiang Wang and Enrique López-Hurtado—The Role of Metals in Ychsma society: A Case Study of Panquilma
- 9:15 Alysia Leon—The Enigmatic Structure at Panquilma on the Central Coast of Peru: Site of Funerary Bundle Preparation or Ancestor Cult?
- 9:30 Giancarlo Marcone—Discussant
- 9:45 Sam Frampton—Stringing it Together: An Examination of Shell and Stone Beads at Panquilma

**[284] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY OF THE MID-ATLANTIC****Room:** Northern Hemisphere Salon E4**Time:** 8:00 AM - 10:00 AM**Chair:** Jon Marcoux**Participants:**

- 8:00 Jon Marcoux—Documenting Southeastern Indian Coalescence during the early Carolina Indian Trade
- 8:15 Donald Gaylord—Revisiting a Stratified Random Sample of the 18th-Century Liberty Hall Campus of Washington and Lee University
- 8:30 Martin Gallivan and Jeffrey Hantman—Pilgrimage, Ancestors, and Commemoration in Postcolonial Indigenous Homelands
- 8:45 Michele Morgan, Jane Rousseau and Christina Hodge—Early 19th Century Anatomical Instruction at Harvard Medical School: A Bioarchaeological Study of Human Remains from Holden Chapel, Harvard University
- 9:00 R. Carl DeMuth—Finding the Children in Communities of Labor – Initial Results from the Coal Heritage Archaeology Project
- 9:15 Matthew Lobiondo, John Dysart, Matthew LoBiondo and Richard Veit—Reexamining the Dating and Importance of Pipe stems at the Clark-Watson Site in Perth Amboy, New Jersey.
- 9:30 Katherine Hicks—Using GIS to Investigate Mortuary Practice and Identity at the Historic Spring Street Presbyterian Church, Manhattan
- 9:45 Lori Lee—Nineteenth Century Race, Gender, and Consumerism in Virginia

**[285] GENERAL SESSION ■ EASTERN WOODLANDS****Room:** Northern Hemisphere Salon E3**Time:** 8:00 AM - 10:00 AM**Chair:** Robert Ahlrichs**Participants:**

Sunday Morning, April 10

- 8:00 Andrea Alveshere—Field and Forest, Pond and Stream: Experimental Taphonomic Research in West-Central Illinois
- 8:15 Meghan Buchanan—Life in a Mississippian Warscape: Violence and Materiality at the Common Field Site
- 8:30 Anthony Krus—Bayesian chronological models for Mississippian Fortifications with Bastions
- 8:45 Mark Hill, Kevin Nolan, Mark Seeman and Laure Dussubieux—Elemental Analysis of Scioto Valley Hopewell Copper
- 9:00 Matthew Pike, Jeremy J. Wilson, G. William Monaghan and Edward W. Herrmann—Lawrenz Rising: Preliminary Assessment of a Site Development Chronology for a Mississippian Village in West-Central Illinois
- 9:15 Robert Ahlrichs—Differential Use of Copper in Northern and Southern Wisconsin Societies
- 9:30 Jeremy Wilson, Lucas Stamps, William Gilhooly and Broxton Bird—Climate Change, Subsistence and Warfare during the Late Pre-Columbian Period in the Lower Midwest
- 9:45 Thomas Whyte—Molded Ceramic Vessels of the Late Prehistoric Appalachian Summit

**[286] GENERAL SESSION ■ EASTERN US BIOARCHAEOLOGY****Room:** Northern Hemisphere Salon A4**Time:** 8:00 AM - 10:00 AM**Chair:** Darlene Applegate**Participants:**

- 8:00 Brianna Rafidi, Christopher Carr and Mary Kupsch—The Archaeology of Souls: A Foundation through Systematic Survey of Historic Woodland and Plains Native American Soul Concepts
- 8:15 Heather Smyth and Christopher Carr—Scioto Hopewell Concepts of Soul-Like Essences in Humans: Mortuary Evidence in Light of Historic Woodland and Plains Native American Concepts
- 8:30 Maria Cox, Valerie Sgheiza and Kelsie Hart—A Comparison of Two Late Woodland Features: Helton 20-36 and Carter 2-15
- 8:45 John Samuelsen—Caddo Interregional Warfare or Local Burial Practice: Using Strontium Isotopes from Outlying Sites to Assess Origins and Settlement Patterns of a Skull and Mandible Cemetery at the Crenshaw Site
- 9:00 Ryan Clark—Engendering the Monongahela: Social and Spatial Dimensions of the Johnston(36In2) Village Site Mortuary Practices
- 9:15 Thomas Blaber—Exploring Mica in Mortuary Contexts at Fallen Tree (9Li8) on St. Catherines Island, Georgia
- 9:30 Dane Magoon, Dale Hutchinson and John Krigbaum—Dietary Adaptation in Coastal Virginia and North Carolina during the Late Woodland Period
- 9:45 Kate McElroy, Darlene Applegate and Brianna Brown—Bioarchaeological Analysis of Human Skeletal Remains from Site 15Wa916, Warren County, Kentucky

**[287] GENERAL SESSION ■ PUBLIC ARCHAEOLOGY****Room:** Southern Hemisphere Salon 5**Time:** 8:00 AM - 10:15 AM**Chair:** Mia Carey**Participants:**

- 8:00 L. Meghan Dennis—Bad Behavior and Good Guidelines: Applying the Society for American Archaeology's Principles of Archaeological Ethics to the

Sunday Morning, April 10

- Performance of Archaeology in Videogames
- 8:15 Shereen Lerner and Rachel Most—How Archaeology Informs the Present and Why it Matters for the Future
- 8:30 Jason Wenzel—Staging Consumption: The Archaeology of Florida Tourism
- 8:45 Sara Ayers-Rigsby—Section 106, FCC Guidelines, and Small Project Area Archaeology: Little Footprints can Find Significant Sites
- 9:00 Katherine Patton—Learning to “See” like an Archaeologist: Making the Most Out of Field Trips in Undergraduate Education in Archaeology
- 9:15 Garrett Leitermann—Improving Public Archaeology Through Educational Psychology and Pedagogy
- 9:30 Helen Blouet—Think Inside the Box: Teaching Archaeological Methods and Interdisciplinary Problem Solving in the Classroom
- 9:45 Mia Carey—Conducting Public Archaeology on Private Land: The Case Study of Yarrow Mamout at 3324 Dent Place, N.W.
- 10:00 Veronica Parsell, James Greene, Cathy Draeger-Williams, Paul Leffler and George Strack—One Project, Multiple Perspectives: An Example of Successful Section 106 Consultation in Northwest Indiana

**[288] SYMPOSIUM ■ EXPLORING TWO THOUSAND YEARS OF HUMAN HABITATION IN THE BELIZE VALLEY: SITUATING CAHAL PECH IN LOWLAND MAYA PREHISTORY**

**Room:** Australia 3

**Time:** 8:00 AM - 10:30 AM

**Chairs:** Nancy Peniche May and Jaime Awe

**Participants:**

- 8:00 Claire Ebert, Nancy Peniche May, Jaime Awe, Brendan Culleton and Douglas Kennett—Timing the Development of Household Complexity at Cahal Pech, Belize
- 8:15 Jaime Awe—Paying Homage to the Ancestors: The (Preclassic) Cunil Phase Maya of Cahal Pech
- 8:30 Lauren Sullivan and Jaime Awe—The Early Ceramic History of Cahal Pech: Implications for Local Identity and for the Rise of Regionalism in the Maya Lowlands
- 8:45 Nancy Peniche May and Jaime Awe—Paths towards Complexity in the Maya Lowlands: Implications of Architectural Change at Cahal Pech
- 9:00 Sherman Horn—Artifact Distributions, Interaction Networks, and Social Complexity: Middle Preclassic Development at Cahal Pech from a Small-World Perspective
- 9:15 Lisa DeLance and Jaime Awe—Building a Typology: The Formative Period Figurine Assemblage from Cahal Pech, Cayo, Belize
- 9:30 Rafael Guerra, Claire Ebert and Jaime Awe—Architectural Planning and Shared Political Traditions in the Belize River Valley
- 9:45 Anna Novotny—Cahal Pech Mortuary Practices in Regional Perspective
- 10:00 Kirsten Green, Ashley H. McKeown and Roseanne Bongiovanni—Tracing Mortuary Trends at Cahal Pech using Stable Isotope Data
- 10:15 Julie Hoggarth and Laurent Cases—Climate, Chronology, and Collapse: Comparing the Classic Maya and the Roman Empire

**[289] GENERAL SESSION ■ CONNECTIONS IN THE AMERICAN SOUTHWEST**

**Room:** Asia 1

**Time:** 8:00 AM - 10:30 AM

**Chair:** Christopher Schwartz

**Participants:**

Sunday Morning, April 10

- 8:00 Lydia Pittman—Miniature Pottery Vessels in the Mimbres Region  
 8:15 Candice Disque— Social Organization within a Tower Complex in Southeast Utah: A Landscape Approach  
 8:30 Krystal Britt—The Multi-Kiva Site: Migration and Interaction in Northern Arizona during the Pueblo III Period  
 8:45 Michael Searcy and Todd Pitezel—Excavations at Vista del Valle, a Viejo Period Site of the Casas Grandes Cultural Tradition in Chihuahua, Mexico  
 9:00 Lorena Craig—Dynamics of Adaption and Diversity: A Phylogenetic Analysis of Material Culture from Fremont Archaeological Sites.  
 9:15 Christopher Caseldine—Shifting Perceptions: An Examination of Landesque Capital and Landscape Perceptions within Hohokam Canal System 1  
 9:30 Christopher Schwartz, Ben Nelson and David Abbott—Differences in Mesoamerican Connections Across Hohokam Canal Systems of the Phoenix Basin, Arizona  
 9:45 Raven Garvey—Cultural Transmission and Artifact Variation in Late Prehistoric New Mexico  
 10:00 Alison Livesay—Stone and Bone: Examining Social Memory through Continuity and Discontinuity in the Mimbres Region  
 10:15 Brunella Santarelli, Sheila Goff, David Killick, Kari Schleher and David Gonzales—Lead isotopic studies of Pueblo I glazes and archaeological mineral specimens

**[290] SYMPOSIUM ■ THE ARCHAEOLOGY, ART, AND ICONOGRAPHY OF FLORIDA'S WATERY LANDSCAPES**

*(Sponsored by Toomey Foundation)*

**Room:** Southern Hemisphere Salon 3

**Time:** 8:00 AM - 10:45 AM

**Chair:** Joanna Ostapkowicz

**Participants:**

- 8:00 Joanna Ostapkowicz, Ryan Wheeler, Lee Ann Newsom, Fiona Brock and Christophe Snoeck—"Totem" Owls, Otters and Pelicans: 14C Dating Central Florida's Prehistoric Sculptures  
 8:15 Phyllis Kolianos—Wood Preservation Dilemmas of Florida's Prehistoric Saltwater Sites: Famous Key Marco and Recent Weedon Island  
 8:30 Julia Byrd—The Original Spaghetti Junction: Using Canoe Locations to Trace Routes of an Ancient Transportation Network in Florida  
 8:45 Daniel Seinfeld—Mortuary Ritual at the Fort Center Mound-Charnel Pond Complex (8GL12): New Insights from an Accidental (Re)Discovery  
 9:00 Karen Walker, William Marquardt, Lee Newsom and Merald Clark—The Pineland Site Complex: A Southwest Florida Coastal Website  
 9:15 Michael Arbutnot and Michael Faught—The Karst Spring Vent as Receptacle with Meaning: Chassahowitzka Headsprings Weeden Island Period Dolphin Fin Effigy  
 9:30 S. Spivey—Fort Center's Iconographic Bestiary: A Fresh Look at Fort Center's Zoomorphic Wood Carvings  
 9:45 Steven Koski and John A. Gifford—Early Archaic through Middle Archaic Design Elements on Artifacts from the Basin at Little Salt Spring (8SO18), Sarasota County, Florida  
 10:00 Vernon Knight—Discussant  
 10:15 Lee Newsom—Discussant  
 10:30 Questions and Answers

**[291] SYMPOSIUM ■ PRECLASSIC TO COLONIAL: CURRENT INVESTIGATIONS IN THE PETÉN LAKES REGION, GUATEMALA****Room:** Southern Hemisphere Salon 2**Time:** 8:00 AM - 11:00 AM**Chairs:** Yuko Shiratori and Nathan Meissner**Participants:**

- 8:00 Justin Bracken—Ramparts and Channels: Defensive and Hydraulic Architecture at Muralla de León
- 8:15 Timothy Pugh—New Data on the Urban Grid at Nixtun-Ch'ich', Petén, Guatemala
- 8:30 Ellen Moriarty and Matthew Moriarty—Household Economies in the Petén Lakes Region: Late Classic Ceramic Assemblages from Trinidad de Nosotros and Xilil
- 8:45 Antonia Foias and Kitty Emery—Power and Polity in the Motul de San José Zone: Recent Research at Kantet'u'ul and Chachaklu'um
- 9:00 Megan Leight—Art Objects Don't Make Themselves! A Consideration of the Ik' Style from the Petén Lakes Region
- 9:15 Kevin Schwarz—Costly Signaling, Cost Masking, and the Classic-Postclassic Transition: Slipped Ceramics and other Media in the Context of the Petén Lakes Region, Guatemala
- 9:30 Yuko Shiratori, Nathan Meissner and Timothy Pugh—Terminal Classic to Early Contact Period Obsidian in the Petén Lakes Region: Inter- and Intra-Site Variation of Raw Materials
- 9:45 Matthew Yacubic—Obsidian Artifacts and Community Interactions at Tayasal
- 10:00 Katherine South and Leslie Cecil—The More Things Change: Similarities and Differences in Pastes from Preclassic and Postclassic Pottery in the Western Petén Lakes
- 10:15 Tucker Austin, Carolyn Freiwald, Melissa Quartarone, Hali Niles and Timothy Pugh—Animal Use at Nixtun-Ch'ich': Preclassic Canids, Postclassic Crocodiles, and Contact Period Cows
- 10:30 Katherine Miller Wolf and Timothy Pugh—The Bioarchaeology of Colonization and Missionization at San Bernabé, Lake Petén Itzá
- 10:45 Prudence Rice—Discussant

**[292] SYMPOSIUM ■ RECENT APPLICATIONS OF LUMINESCENCE DATING IN ARCHAEOLOGY****Room:** Northern Hemisphere Salon E2**Time:** 8:00 AM - 11:00 AM**Chairs:** Sachiko Sakai and James Feathers**Participants:**

- 8:00 Fernando Ozorio De Almeida, Brenda Bowser and Sachiko Sakai—Applying OSL Dating to Understand Relationships between the Teotônio Site and Surrounding Populations, Southwestern Amazonia
- 8:15 James Feathers and Astolfo Araujo—Luminescence Dating at Alice Boer site, Brazil
- 8:30 Janine Gasco—Luminescence Dating at the Postclassic Site of Gonzálo Hernández, Chiapas, Mexico
- 8:45 Colleen Hanratty—Dating Maya Classic Ceramics in Northwestern Belize via OSL
- 9:00 Hector Neff, Sachiko Sakai, Brendan Culleton and Douglas Kennett—Luminescence and Radiocarbon Dates from Plumbate Production Contexts
- 9:15 Christina Bolte, Jay D. Franklin, Nathan K. Shreve and S.D. Dean—Luminescence Dates, Archaeological Survey, and Ancestral Overhill Cherokee Towns in Upper East Tennessee
- 9:30 Robert Cook and Sachiko Sakai—Examining the Fort Ancient Madisonville



Sunday Morning, April 10

- Horizon "Index Fossil" Pottery Type Using Optically-Stimulated Luminescence  
 9:45 Eloise Gadus—Luminescence Dating of Prehistoric Ceramic Vessel Sherds  
 From the North Central Hills of Mississippi  
 10:00 Karen Harry and Sachiko Sakai—Early Puebloan, Late Puebloan, or Paiute?  
 Using Luminescence Dating to Address Issues with the Virgin Branch Ceramic  
 Chronology  
 10:15 Sachiko Sakai and Hector Neff—Changes in Production and Distribution  
 Patterns of Olivine-Tempered Ceramics in the Arizona Strip and Adjacent Areas  
 10:30 Kevin Vaughn—Discussant  
 10:45 Questions and Answers

**[293] SYMPOSIUM ■ BEYOND THE ETHNICITY DEBATE: EXAMINING THE MANY CONTEXTS OF COLONOWARE**

**Room:** Southern Hemisphere Salon 4

**Time:** 8:00 AM - 11:15 AM

**Chairs:** Elizabeth Bollwerk and Leslie Cooper

**Participants:**

- 8:00 Ashley Atkins Spivey—Making Pottery, Constructing Community and Engaging  
 the Market: Colonoware Production on the Pamunkey Indian Reservation  
 8:15 Barbara Heath—Characterizing Colonowares from Three Sites in the Central  
 Virginia Piedmont  
 8:30 Laura Galke—Is Colonoware an Emblem of Enslavement?  
 8:45 Elizabeth Bollwerk and Leslie Cooper—Revisiting Variation in Colonoware  
 Manufacture and Use  
 9:00 David Cranford—Trends and Techniques of Catawba Colonoware, ca. 1760-  
 1800.  
 9:15 Brian Crane—Beyond Ethnicity: Compositional Analysis and the Manufacture  
 and Trade of Colonoware.  
 9:30 Ronald Anthony—Lesesne Colono Ware  
 9:45 Stacey Young, Brooke Brilliant and David Jones—Hampton Comes Alive! An  
 Examination of Colonoware from Hampton Plantation  
 10:00 Nicole Isenbarger—Colonoware as Cottage Industry: Household Production and  
 the Internal Economy at Dean Hall Plantation, South Carolina  
 10:15 Karen Smith and Brandy Joy—A Diachronic Perspective on Colonoware from  
 the J. Joyner Smith Plantation  
 10:30 Ann Cordell—Colonowares of the Apalachee Province of La Florida  
 10:45 J Joseph—Discussant  
 11:00 Questions and Answers

**[294] SYMPOSIUM ■ NEW DEVELOPMENTS IN MESOAMERICAN SUBTERRANEAN ARCHAEOLOGY**

**Room:** Northern Hemisphere Salon C

**Time:** 8:00 AM - 11:45 AM

**Chair:** James Brady

**Participants:**

- 8:00 Rebecca Sload—Reverential Termination of the Sun Pyramid Cave,  
 Teotihuacan  
 8:15 Christophe Helmke and Ismael Arturo Montero García—A la sombra del  
 Gólgota: Observancias rituales en el Cerro de la Estrella del Periodo Clásico  
 hasta hoy  
 8:30 Claudia Camacho-Trejo—Cinicalco: Origin and Kingship in Mexica Cosmology  
 8:45 Carlos Rincon Mautner—Seats and Domains of Sociopolitical and Sacred

Sunday Morning, April 10

- Power: Ritual Cave Use in the Southern Mexican Highlands
- 9:00 Holley Moyes, Laura Kosakowsky, Jaime Awe and Erin Ray—The Chronology of Ancient Maya Cave Use in Belize
- 9:15 Marieka Arksey—Does Size Matter? Comparing Cave Size to Degree of Modification Outside their Entrances
- 9:30 Sara Dalton—Excavation and Analysis of a Preclassic Chultun
- 9:45 James Brady, Yoav Me-Bar and Fred Valdez—Reconsidering Sacred Landscape in a Small Depression at Dos Hombres, Belize
- 10:00 Melanie Saldana, Samantha Lorenz, Brandon Lewis, Mario Giron-Abrego and James E Brady—The Evolving Nature of Landscape: An Example from La Milpa, Belize
- 10:15 Samantha Lorenz, Naomi Marks and James Brady—Geographic Origins of Child Sacrifices: Radiogenic Strontium Isotope Analyses from Midnight Terror Cave, Belize
- 10:30 Jon Spenard—Building Nature: An Analysis of Landscape Modifications in the Classic Period Maya Polity of Pacbitun, Cayo District, Belize
- 10:45 Cameron Griffith and Nikolai Grube—Subterranean sculptural Narratives of Ancient Maya Mythological Beliefs
- 11:00 Dominique Rissolo—A Reappraisal of Postclassic Maya Effigy Censers in the Cave Context: Evidence from the Central Coastal Region of Quintana Roo, Mexico
- 11:15 Donald Slater—Getting Carried Away—A Petroglyphic Litter Scene from Cenote Ceh' Yax, Yucatan, Mexico
- 11:30 Guillermo De Anda Alaniz—Saving Our Past with Technology of the Future

**[295] SYMPOSIUM ■ FORESTS OF PLENTY: ETHNOGRAPHIC AND ARCHAEOLOGICAL  
RAINFORESTS AS HOTSPOTS OF HUMAN ACTIVITY**

**Room:** Southern Hemisphere Salon 1

**Time:** 8:00 AM - 10:45 AM

**Chair:** Patrick Roberts

**Participants:**

- 8:00 Patrick Roberts and Michael Petraglia—Introducing Forests of Plenty: biological, temporal, regional, and methodological diversity in human rainforest adaptations
- 8:15 Simon Haberle, Richard Cosgrove, Asa Ferrier, Patrick Moss and Peter Kershaw—Light islands in a sea of dark rainforest: Human influence on fire, climate and biodiversity in the Australian tropics
- 8:30 Michael Heckenberger and Paulo De Oliveira—Pre-Columbian Agro-forestry, Production Cycles and Forest-to-forest Conversion in Southern Amazon Garden Cities
- 8:45 Patrick Roberts—Discussant
- 9:00 Pierre De Maret and Serge Bahuchet—Variety of Rain Forest Subsistence Strategies. A Comparative Overview
- 9:15 Vida Kusmartono—Reconstructing The Peopling of the Deep Interior of the Equatorial Rainforest of Kalimantan
- 9:30 Hermine Xhaufclair—A Combination of Ethnoarchaeology, Experimental Archaeology and Use-Wear Analysis as a Mean to Recover Testimonies of Past Human Activities in Southeast Asian Rainforests
- 9:45 Matthew Larsen—Contemporary Human Uses of Forested Watersheds and Riparian Corridors: Hazard Mitigation as an Ecosystem Service, with Examples from Panama, Puerto Rico, and Venezuela
- 10:00 John Krigbaum, Lindsay Lloyd-Smith, Bryan Tucker, Benjamin Valentine and George Kamenov—Holocene Seasonality, Mobility, and Diet at Niah Cave (Sarawak, East Malaysia): New Isotope Results on Rainforest Foragers and

Sunday Morning, April 10

- Farmers?  
 10:15 Peter Mitchell—Discussant  
 10:30 Questions and Answers

**[296] SYMPOSIUM ■ MODEL ENVIRONMENTS: HUMAN ECODYNAMICS ON ISLANDS**

(Sponsored by *The Journal of Island and Coastal Archaeology*)

**Room:** Asia 5

**Time:** 8:00 AM - 12:00 PM

**Chairs:** Robert DiNapoli and Thomas Leppard

**Participants:**

- 8:00 Atholl Anderson—Ecological Contingency in Very Early Offshore Seafaring  
 8:15 Mark Golitko, Ethan Cochran and James Goff—Coastal Development and Palaeoenvironment on the North Coast of Papua New Guinea: The Paniri Creek sequence  
 8:30 Melinda Allen, Alex Morrison and Andrew McAlister—Modelling Climate Impacts on Human Societies and Marine Fisheries in Central Polynesia  
 8:45 Robert DiNapoli, Terry Hunt, Alex Morrison, Brian Lane and Carl Lipo—Resource Structure, Economic Defendability, and Conflict in Rapa Nui and Rapa Iti, East Polynesia—An Agent-Based Modeling Approach  
 9:00 Mara Mulrooney, Mark D. McCoy and Thegn N. Ladefoged—Returning to the Gardens of Lono: New Investigations in the Kona Field System, Hawaii Island  
 9:15 Timothy Rieth and J. Stephen Athens—Late Holocene Human Expansion into Near and Remote Oceania: A Bayesian Model-Based Comparison of the Chronologies of the Mariana Islands and Lapita Settlement  
 9:30 John Cherry and Thomas Leppard—Re-Assessing Island Colonization and Exploitation in the Late Pleistocene-Early Holocene Mediterranean  
 9:45 Suzanne Pilaar Birch—"From the Aegean to the Adriatic: Exploring the Neolithization of Islands"  
 10:00 Damià Ramis—Animal Exploitation in the Early Prehistory of the Balearic Islands  
 10:15 Hayley Mickleburgh and Jaime Pagán-Jiménez—Diet Change in the Ceramic Age Caribbean Archipelago  
 10:30 William Keegan—Marginality is the Mother of Invention: A New Institutional Economics Perspective  
 10:45 Adrian Whitaker and Christina Giovas—When to Hunt a Sea Lion, When to Hunt a Manatee: The Evolutionary Ecology of Marine Mammal Hunting in Insular Settings  
 11:00 Torben Rick, Todd Braje, Leslie Reeder-Myers, Courtney Hofman and Jon Erlandson—California's Channel Islands as a Model System for Understanding the Historical Ecology of Islands  
 11:15 Ben Fitzhugh, George Hambrecht, Michael Etnier and Catherine West—Human Ecodynamics of Subarctic Islands of the North Atlantic and North Pacific in Comparative Perspective  
 11:30 Ramona Harrison, Thomas H. McGovern and George Hambrecht—Comparative Ecodynamics of North Atlantic Islands: A Progress Report  
 11:45 Scott Fitzpatrick—Discussant

## SAA Awards, Scholarships, & Fellowships

### AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS

Established in 2001, this award recognizes the excellence of an archaeologist whose innovative and enduring research has made a significant impact on the discipline. Nominees are evaluated on their demonstrated ability to successfully create an interpretive bridge between good ideas, empirical evidence, research, and analysis. This award now subsumes three themes presented on a cyclical basis: (1) an Unrestricted or General Category; (2) Lithic Analysis; and (3) Ceramic Analysis.

2001	George L. Cowgill
2002	Robin Torrence
2003	Carol Kramer ( <i>posthumous</i> ) Hector Neff
2004	David Lewis-Williams
2005	George H. Odell
2006	Michael Brian Schiffer
2007	Robert L. Bettinger
2008	William Andrefsky, Jr.
2009	Judith Habicht-Mauche
2010	Timothy A. Kohler
2011	Steven Shackley
2012	James Skibo
2013	Gayle Fritz
2014	Harold Lewis Dibble
2015	Barbara J. Mills

### BOOK AWARD

Established in 1995 to honor a recently published book that has had, or is expected to have, a major impact on the direction and character of archaeological research. The prize was awarded for the first time at the 61st Annual Meeting.

1996	Mary C. Stiner
1997	Bruce D. Smith Carmel Schrire
1998	Tom D. Dillehay Stephen Plog
1999	Mark Lehner Jon Muller
2000	Clive Gamble
2001	William W. Fitzhugh Elisabeth I. Ward
2002	Lewis Binford Anne-Marie Cantwell & Diana DiZerega Wall
2003	Kathleen Deagan & José María Cruxent

	Thomas F. King, Randall S. Jacobson, Karen Ramey Burns, & Kenton Spading
2004	Brian Fagan T.J. (Tony) Wilkinson
2005	Susan Toby Evans Kelley Hays-Gilpin
2006	Peter Bellwood James E. Bruseeth & Toni S. Turner
2007	Kristian Kristiansen & Thomas B. Larsson Bradley T. Lepper
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 Carl L. Lipo
2013	Elizabeth Arkush Patrick Kirch
2014	Michael L. Galaty Ols Lefe Wayne E. Lee Zamir Tafilica Jerry D. Moore
2015	Dimitra Papagianni and Michael A. Morse Steven A. Wernke

### AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY

Initiated in 2010 to recognize an individual who has made a lasting and significant contribution to the practice of archaeology and/or to the construction of archaeological knowledge in Latin America or the Caribbean.

2011	Jeremy A. Sabloff
2013	Luis Guillermo Lumberras Salcedo
2014	Luis Alberto Borrero
2015	Jeffrey Parsons

### AWARD FOR EXCELLENCE IN CERAMIC STUDIES

Initiated in 1994 to recognize excellence by an archaeologist whose innovative Research or repeated & enduring contributions have advanced archaeology. (*Succeeded in 2001 by the Award for Excellence in Archaeological Analysis*)

1994	Patricia L. Crown
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- William A. Longacre  
 1995 Frederick Matson  
 Prudence Rice  
 1996 Dean E. Arnold  
 1997 Ronald Bishop  
 James Hill  
 1998 Robert L. Rands  
 1999 Warren R. DeBoer  
 2000 Owen Rye

#### CRABTREE AWARD

Established in 1985 to recognize significant contributions to archaeology in the Americas made by an individual who has had little if any formal training in archaeology and little if any wage or salary as an archaeologist. The award is named after Don Crabtree of Twin Falls, Idaho, who made significant contributions to the study of lithic technology and whose dedication to archaeology was a lifelong personal and financial commitment.

- 1985 Clarence H. Webb, MD  
 1987 Leonard W. Blake  
 1988 Julian Dodge Hayden  
 1989 J. B. Sollberger  
 1990 Ben C. McCary  
 1991 James Pendergast  
 1992 Stuart W. Conner  
 1993 Mary Elizabeth Good  
 1994 Leland W. Patterson  
 1995 Jeff Carskadden  
 1996 James H. Word  
 1997 Sidney Merrick Wheeler  
       *(posthumous)* & Georgia  
       Nancy Wheeler Felts  
 1998 Reza 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

#### AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT

Established in 1994 to recognize lifetime contributions and special achievements by an archaeologist in one of three areas: program

administration and management, site preservation, and research. Each year the award is given in one area on a rotating basis.

- 1994 Hester A. Davis  
 1995 Lawrence E. Aten  
       Calvin R. Cummings  
       Shereen Lerner  
 1995 Charles R. McGimsey III  
 1996 William R. Hildebrandt  
 1997 James J. Miller  
 1998 David A. Frederickson  
 1999 David G. Anderson  
 2000 Robert Jackson  
 2002 Laurence W. Spanne  
 2003 John Milner Associates & The  
       General Services  
       Administration  
 2004 Linda Mayro  
 2005 Arizona Site Steward Program  
 2007 George Smith  
 2008 John Walthall  
 2009 Mike Beckes  
 2010 William H. Doelle  
 2011 Nelly Robles Garcia  
 2013 Henry D. Wallace  
 2014 Mark Michel

#### DISSERTATION AWARD

Presented to an archaeologist just entering the profession whose doctoral dissertation is judged to be particularly outstanding. The prize consists of three-year membership in the society.

- 1988 Judith A. Habicht Mauche  
       (Harvard Univ)  
 1990 David J. Bernstein (SUNY-  
       Binghamton)  
 1991 David Anderson  
       (Univ of Michigan)  
 1992 Lynette C. Norr  
       (Univ of Illinois)  
 1993 Cathy Lebo (Indiana Univ)  
 1994 Mary Van Buren  
       (Univ of Arizona)  
 1995 David R. Abbott  
       (Arizona State Univ)  
 1996 Daniel R. Finamore  
       (Boston Univ)  
 1997 Alvaro Higuera-Hare  
       (Univ of Pittsburgh)  
 1998 Mark D. Varien  
       (Arizona State Univ)  
 1999 Karen G. Harry  
       (Univ of Arizona)  
 2000 Alex Barker  
       (Univ of Michigan)

- 2001 Andrew I. L. Duff  
(Arizona State Univ)
- 2002 Silvia R. Kembel  
(Stanford Univ)
- 2003 Wesley Bernardini  
(Arizona State Univ.)
- 2004 Ian G. Robertson  
(Arizona State Univ)
- 2005 Severin M. Fowles  
(University of Michigan)
- 2006 Elisabeth Hildebrand  
(Washington University)
- 2007 Matthew Liebmann  
(University of Pennsylvania)
- 2008 Kevin D. Fisher  
(University of Toronto)
- 2009 Timothy C. Messner
- 2010 Sarah Clayton  
(Arizona State University)
- 2011 Scott G. Ortman  
(Arizona State University)
- 2012 Christopher Morehart  
(Northwestern University)
- 2013 Amanda Logan  
(University of Michigan)
- 2014 Matthew A. Peeples  
(Arizona State University)
- 2015 Alan Farahani  
(University of California,  
Berkeley)

**DISTINGUISHED SERVICE AWARD**

*(Succeeded by the Lifetime Achievement Award in 2001)*

Presented annually to a member for specific accomplishments that are truly extraordinary, widely recognized as such, and of a positive and lasting quality. Recognition can be granted in a wide range of areas relating to archaeology. First awarded in 1975, SAA decided in 1980 to make the award on an annual basis.

- 1975 Carl Haley Chapman  
Charles Robert McGimsey III
- 1980 Gordon Randolph Willey
- 1981 Albert Clanton Spaulding
- 1982 Jesse David Jennings
- 1983 Hannah Marie Wormington
- 1984 James Bennett Griffin
- 1985 Emil Walter Haury
- 1986 Waldo R. Wedel
- 1987 William A. Ritchie
- 1988 Richard B. Woodbury  
Nathalie F. S. Woodbury
- 1989 George Irving Quimby
- 1990 Fred Wendorf
- 1991 Douglas Schwartz
- 1992 John E. Yellen
- 1993 George J. Gumerman

- 1994 Hester A. Davis
- 1995 Stuart Struever
- 1996 Robert McCormick Adams
- 1997 Dena Dincauze
- 1998 Raymond H. Thompson
- 1999 James A. Brown
- 2000 William D. Lipe

**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 Roger T. Saucier
- 1986 Donald K. Grayson
- 1987 Richard I. Ford
- 1988 David M. Hopkins
- 1989 Joseph B. Lambert
- 1990 Patty Jo Watson
- 1991 Paul W. Parmalee
- 1992 Richard Yarnell
- 1993 Herbert E. Wright Jr.
- 1994 Garman Harbottle
- 1995 Robert J. Braidwood
- 1996 Elizabeth S. Wing
- 1997 Vorsila L. Bohrer
- 1998 John W. Weymouth
- 1999 Henry P. Schwarcz
- 2000 Richard S. MacNeish
- 2001 Melinda A. Zeder
- 2002 Deborah M. Pearsall
- 2003 George Rapp
- 2004 R.E. Taylor
- 2005 Bruce D. Smith
- 2006 Oscar Polaco Ramos
- 2007 Vaughn M. Bryant
- 2008 Paul Goldberg
- 2009 Michael D. Glascock
- 2010 Jane Buikstra
- 2011 R. Lee Lyman
- 2012 Christine Hastorf

- 2013 Anthony Aveni  
 2014 Marvin W. Rowe  
 2015 David Hurst Thomas

**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 Aiuvalasit  
 2015 Bryn Letham

**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

**DIENTJE KENYON MEMORIAL FELLOWSHIP**

The Dientje 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 Dientje Kenyon and was awarded for the first time in 2000.

- 2000 Rhonda Bathurst  
 2001 Briana Pobiner  
 2002 Elizabeth Espy  
 2003 Elizabeth Arnold  
 2004 Jamie Clark  
 2005 Michelle LeFebvre  
 2006 Sarah Elizabeth Mistak  
 2007 Jennifer L. Henecke  
 2008 Sarah G. Bergh  
 2009 Kayla L. Pettit  
 2010 Ashley Sharpe  
 2011 Carla Hadden  
 2012 Angela R. Perri  
 2013 Shoshana Rosenberg  
 2014 Sarah Raffae MacIntosh  
 2015 Allison L. Wolfe

**AWARD FOR EXCELLENCE IN LITHIC STUDIES**

Established in 1994 to recognize excellence by an archaeologist whose innovative research or repeated and enduring contributions have contributed significantly to archaeology. *(Succeeded in 2001 by the Award for Excellence in Archaeological Analysis)*

- 1994 John Witthoft (*posthumous*)  
 1995 Harry J. Shafer  
 Lawrence Keeley  
 1996 Jay K. Johnson  
 1998 Kenneth Hirth  
 1999 Barbara E. Luedtke  
 2000 Tom Hester

**NATIONAL SCIENCE FOUNDATION  
 SCHOLARSHIPS FOR ARCHAEOLOGICAL  
 TRAINING FOR NATIVE AMERICANS AND NATIVE  
 HAWAIIANS**

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada.

- 1999 Lokelani H. Aipa  
 Frank Mt. Pleasant  
 Leslie Awong  
 2000 Leander Lucero  
 Amada Rockman  
 Lahela Perry  
 2001 Bonnie Lee Dziadasek  
 Desiree Martinez  
 Blair First Rider  
 2002 Deona Naboa  
 Natalie Ball

	Tracy Pierre
2003	Michael Garcia
	Gordon C. Moore
	Carley Kaleo Veary
	Scott T. Kikiloi
2005	Lizatine A. Tsosie
	Laurie Shead
	Denny Gayton
2006	Vera Asp
	Ashley Layne Atkins
	Joey Condit
	Elizabeth Lein'Ala Kahave
	Roberta Lynn Thomas
2007	Tracey Pierre
2008	Na'Liima Ahuna
	Tracey Pierre
	Simon Solomon
2009	Shianne Sebastian
	Ira K. Matt
	Wesley D. Miles
2010	Wesley D. Miles
	Simon Arthur Solomon
	Elijah Sanderson
2011	Robert James David
	Kevin J. Brown
	Liana Staci Hesler
2012	Joshua Castleman
	Joel Nicholas
	Autumn Whiteway
2013	Alyssa Christine Bader
	Dylan Ray Jennings
	Susan Marylouise Peone
2014	Alicia Mary Olea
2015	Alicia Gooden
	Kristen Green
	Anita Johnson-Henke
	Regina Mad Plume
	Peter Nelson

**ARTHUR C. PARKER SCHOLARSHIP**

This scholarship supports training in archaeological methods for students and Personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada. The scholarship is named in honor of SAA's first president, Arthur C. Parker, who was of Seneca ancestry.

1998	Angela J. Neller
1999	Iwalani Ching
2000	Randy Thompson
2001	Cynthia Williams
2002	Nola Markey
2003	Kalewa Skye Arie Correa
2004	Sean P. Naleimaile
2005	Larae Buckskin
2006	Malia Kapuanalani Evans-Mason

2007	Ora Marek
2008	Marie Sina Faatuala
2009	Travis Maki
2010	Paulette Faith Steeves
2011	Kamakana Christian Ferreira
2012	Ashleigh Thompson
2013	Rebecca Heidenreich
2014	The Navajo Nation Archaeology Department
2015	Brittney Diesbourg

**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

**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

**FRED PLOG MEMORIAL FELLOWSHIP**

The Fred Plog Memorial Fellowship is named for a major archaeologist in Southwest research who also was an inspiring teacher.

1999	Sarah Herr
2001	Deborah Huntley
2005	Greg Schachner
2007	Michael Mathiowetz
	Todd Pitezel
2008	Deanna Grimstead
2009	Samuel Duwe
2010	Matthew Peeples
2011	William Reitze
2012	Joshua Watts
2013	Katherine Dungan
2014	Christopher W. Merriman



2015 and Kathryn J. Putsavage  
Saul L. Hedquist

#### POSTER AWARD

Presented to promote interest and acceptance of the poster in the dissemination of archaeological research, to increase the quality of Poster presentations, and to acknowledge the very best accomplishments in this valuable medium. The award, initiated at the 58th Annual Meeting in 1993, is given in two categories: student and professional/non-student. As of 2008, only the student category continued. The professional category was sunsetted.

- 1993 Cynthia Herhahn (*Student*)  
Virginia Butler & James Chatters (*Professional*)
- 1994 Alanah J. Woody (*Student*)  
George R. Miller & James S. Oliver (*Professional*)  
Dennis E. Lewarch & Laura S. Phillips (*organizers, outstanding Poster Symposium*)
- 1995 Tim Hunt, Mark Madsen, & Carl Lipo (*Student*)  
Brenda J. Baker & Maria A. Liston (*Professional*)
- 1996 Clinton C. Hoffman (*Student*)  
Adam King (*Student*)  
Stephen H. Lekson (*Professional*)
- 1997 Anastasia Steffen, Rita Moots Skinner, & Ann F. Ramenofsky (*Student*)  
Judith A. Habicht-Mauche, A Russell Flegel, Stephen Glenn, & Horner Milford (*Professional*)
- 1998 Lisa Nagaoka (*Student*)  
Shannon P. McPherron & Harold L. Dibble (*Professional*)
- 1999 Diana Greenlee, Robert C. Dunnell, Terry Hunt, and Michael Pfeffer (*Student*)  
Neal H. Lopinot & Jack H. Ray (*Professional*)
- 2000 Diana M. Greenlee (*Student*)  
Fraser D. Neiman (*Professional*)
- 2001 Jonathan Scholnick, Derek Wheeler, & Fraser Neiman (*Student*)  
Jeffrey Homburg, Eric Brevic, Jeffrey Altschul, Anthony Orme & Steven Shelly (*Professional*)
- 2002 Laura Smith, James Jordan, David Johnson, Casey Haskell & Herbert Maschner (*Student*)  
Manuel R. Palacios-Fest & Jeffrey A. Homburg (*Professional*)
- 2003 Stacey Chambliss (*Student*)  
Diana M. Greenlee (*Professional*)

- 2004 Andrew Isaac, Mark Muldoon, Keri Brown & Terry Brown (*Overall*)  
Sara Bon-Harper, Jennifer Aultman, Nick Bon-Harper & Derek Wheeler (*Professional*)  
Stacy Lengyel (*Student*)
- 2005 Ethan Cochran, Julie Field & Diana Greenlee (*Student*)
- 2005 James Feathers, Jack Johnson & Silvia Kembel (*Professional*)  
Ruth Dickau (*Student*)
- 2006 Robert Hard, Cynthis Muñoz & Anne Katzenberg (*Professional*)
- 2006 Robert Hard, Cynthis Muñoz & Anne Katzenberg (*Professional*)
- 2007 Jeffrey Ferguson, Jelm E. Eerksen & Michael Glascock (*Professional*)
- 2007 Bridget Zavala & Jose Luis Punzo Diaz (*Student*)
- 2008 Brandi Lee MacDonald, R.G.V. Hancock, Alison Pidruczny & Aubrey Cannon (*Student*)
- 2009 Susan M. Mentzer (*Student*)
- 2010 Metin I. Eren, Adam Durant & Christina Neudorf (*Student*)
- 2011 Alexander Smith & Danielle Raad (*Student*)
- 2013 G. Logan Miller (*Student*)
- 2015 Jenna Kay Carlson (*Student*)

#### PRESIDENTIAL RECOGNITION AWARD

Instituted in 1990 to permit SAA to recognize individuals who have provided extraordinary services to the society and the profession in the past year. Awardees are determined by the president of the society, in consultation with members of the Board.

- 1990 Jerome A. Miller  
Nathalie F. S. Woodbury
- 1991 Lynne Goldstein  
Rachael Hamilton  
Keith Kintigh  
Earl Lubensky  
Loretta Neumann  
Kathleen Reinburg  
David Hurst Thomas  
Mark Leone
- 1992 Jeremy A. Sabloff
- 1993 Jerald Milanich  
Daniel G. Roberts  
Bruce D. Smith  
Vincas P. Steponaitis
- 1994 David S. Brose  
Edward Friedman  
R. Bruce McMillan  
Teresita Majewski  
William H. Marquardt  
Dan F. Morse

	J. Daniel Rogers		Preservation
	Katharina J. Schreiber		Francis P. McManamon
	Dean Snow		Ian W. Brown
	Vincas P. Steponaitis	2002	Michael J. Fanelli
1995	Paul Takac		Donald Forsyth Craib
	Mark Aldenderfer		Johna Hutira
	Roger Anyon	2003	John Chamblee
	Robert Drennan		Fred Wendorf, Stuart
	Diane Gifford-Gonzalez		Struever, & Doug Schwartz
	Lynne Goldstein	2004	Garth Bawden
	Keith Kintigh		Julie Hollowell-Zimmer &
	Mark J. Lynott		Chip Colwell-
	Phyllis Messenger, KC		Chanthaphonh
	Smith, & Cathy MacDonald		Erin Kuns
	Paul Minnis		William Longacre
	Bruce E. Rippeteau	2005	MATRIX Project
	Alison Wylie	2006	SAA National Historic
	Melinda A. Zeder		Landmarks Committee
1996	Brian Fagan	2007	PEC Web Pages Working
	Paul Fish & Suzanne K.		Group
	Fish		John Kantner
	Jonathan Lizee	2008	Alex Barker
	Toni Moore		Nelly Robles Garcia
	Carol Shull		Daniel H. Sandweiss
	George Stuart	2009	Phillip L. Walker
1997	Mark Aldenderfer	2010	75th Anniversary Task
	David Anderson		Force:
	Roger Anyon & T. J.		Jeremy Sabloff
	Ferguson		James Snead
	Keith Kintigh		Wendy Ashmore
	Florence Lister		David Browman
	Donna Seifert		Don Fowler
	Joe Watkins		Lisa Lecount
1998	Stephen Dyson for		Linda Manzanilla
	<i>Archaeology Magazine</i>		Bruce Smith
	Ed Friedman		Fundraising Committee:
	Janet Levy		William Doelle
	William Lovis		Susan Bender
1999	Caryn Berg		Cathy Cameron
	Susan J. Bender		John E. Kelly
	Judith A. Bense		Paul Minnis
	Jon S. Czaplicki		Linda Pierce
	Gary Feinman		Bruce Rippeteau
	Linda Manzanilla		Martha Rolingson
	Tristine Lee Smart		Ken Sassaman
	George S. Smith	2011	Susan B. Bruning
	Joe Watkins		Paul Minnis
2000	Lynne Goldstein		Jonathan Muller
	James A. Goold	2012	Barbara M. Arroyo
	Kurt E. Dongoske		Tomas Enrique-
2001	Mark Aldenderfer		Mendizabal Archibold
	Patricia Gilman		Christopher D. Dore
	The Law Department of the		Daniel H. Sandweiss
	National Trust for Historic	2013	Susan Kane

- Cori Wegener  
Tim Melancon  
Serena Bellew  
2014 Deborah L. Nichols  
Christopher A. Pool  
Gabriela Uruñuela y Ladrón  
de Guevara  
2015 Willem Willems  
Frederich (Fritz) Luëth  
Jane Eva Baxter  
Brian I. Daniels  
Salam al-Kuntar  
Anibal Rodriguez

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

Begun in 1997 to recognize institutions or individuals who bring about an improved public understanding and appreciation of anthropology and archaeology.

- 1997 Brian Fagan  
1998 Jan Coleman-Knight  
1999 Crow Canyon Archaeological Ctr  
2000 George Stuart  
2001 George Brauer  
2002 AnthroNotes  
2003 Jeanne Moe  
2004 Patricia Wheat-Stranahan  
2005 Office of Archaeological Studies at the Museum of New Mexico  
2006 Richard M. Pettigrew  
2007 The 5<sup>th</sup> St. Cemetery  
Necrogeographical Study  
2008 Texas Beyond History Website  
2009 Center for American Archaeology  
2010 Project Archaeology  
2012 Education Outreach Program of the Office of Archaeological Studies  
2014 Abby the ArchaeoBus: Society for Georgia Archaeology  
New South Associates  
Georgia Transmission Corporation  
Georgia State University  
2015 Kansas Archeology Training Program

#### **PUBLIC SERVICE AWARD**

Begun in 1983 to recognize the important contributions of a public figure to the protection and preservation of cultural resources. It is presented regardless of political affiliation to those who have taken a lead or made a major contribution to preserving the past. The awardees have been:

- 1983 Sen. Spark M. Matasanaga  
Rep. Donald J. Pease  
1984 Sen. James A. McClure  
1985 Speaker James C. Wright Jr.  
1986 Secretary of the Interior Donald P. Hodel  
1987 Rep. John F. Seiberling  
1988 Rep. Charles E. Bennett  
1989 Sen. Peter V. Domenici  
1990 Rep. Morris K. Udall  
1991 Secretary of the Interior  
Manuel Lujan Jr.  
1992 The Archaeological  
Conservancy  
1993 Constance Werner Ramirez  
1994 James Beck  
Deborah Daniels  
Jeffrey Kent  
Larry Mackey  
Scott Newman  
1995 Grand Canyon Trust  
1996 Rep. Bill Richardson  
1997 Rep. Phil English  
1998 Loretta F. Neumann  
1999 Secretary of the Interior Bruce  
Babbitt  
2000 Wayne Dance  
2003 Representative Leonard Boswell  
2004 Paula Desio  
2005 Sen. Jeff Bingaman  
2008 Arc of Appalachia Preserve  
System, The Archaeological  
Conservancy, Wilderness East &  
The Ross County Parks  
Department  
2015 Glenn Morgan  
Arlene Fleming  
Jonathan Renshaw  
Elsa Chang

#### **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 ( <i>Dallas Morning News</i> )
1997	(no award)
1998	Diedtra Henderson ( <i>Seattle Times</i> )
1999	William Mullen ( <i>Chicago Tribune</i> )
2000	Frank Roylance ( <i>Baltimore Sun</i> )
2001	Mike Toner ( <i>The Atlanta Journal- Constitution</i> )
2002	Chip Minty ( <i>The Daily Oklahoman</i> )
2004	Alexandra Witze ( <i>Dallas Morning News</i> )
2005	Marion Lloyd ( <i>Chronicle of Higher Education</i> )
2006	Andrew Petkofsky
2007	Richard L. Hill
2008	Tom Avril ( <i>Philadelphia Enquirer</i> )
2009	Andrew Lawler ( <i>Science Magazine</i> )
2010	Andrea Cooper ( <i>freelance</i> )
2011	Dan Vergano ( <i>USA Today</i> )
2012	Mike Toner ( <i>American Archaeology</i> )
2013	Julian Smith ( <i>American Archaeology</i> )
2014	Ann Gibbons ( <i>Science Magazine</i> )
2015	Andrew Lawler ( <i>Science Magazine</i> )

**STUDENT PAPER AWARD**

Initiated in 2000, this award is designed to recognize the best student research paper presented at the Annual Meeting. All student members of SAA are eligible to participate. The awardees have been:

2000	Nathan S. Lowrey (with Thomas C. Pleger)
2002	Christopher Morehart
2003	Devin Alan White
2004	Briana L. Pobiner & David R. Braun
2005	Elizabeth Horton & Christina B. Rieth
2006	Metin I. Eren & Mary E. Prendergast
2007	Scott Ortman
2009	Michael Mathiowetz
2010	John M. Marston
2011	Melanie Beasley Jack Meyer Eric J. Bartelink Randy Miller
2012	Sean B. Dunham
2013	Bryn Letham David Bilton
2014	G. Logan Miller
2015	Catrine Jarman

**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

**PRESIDENTS OF SAA**

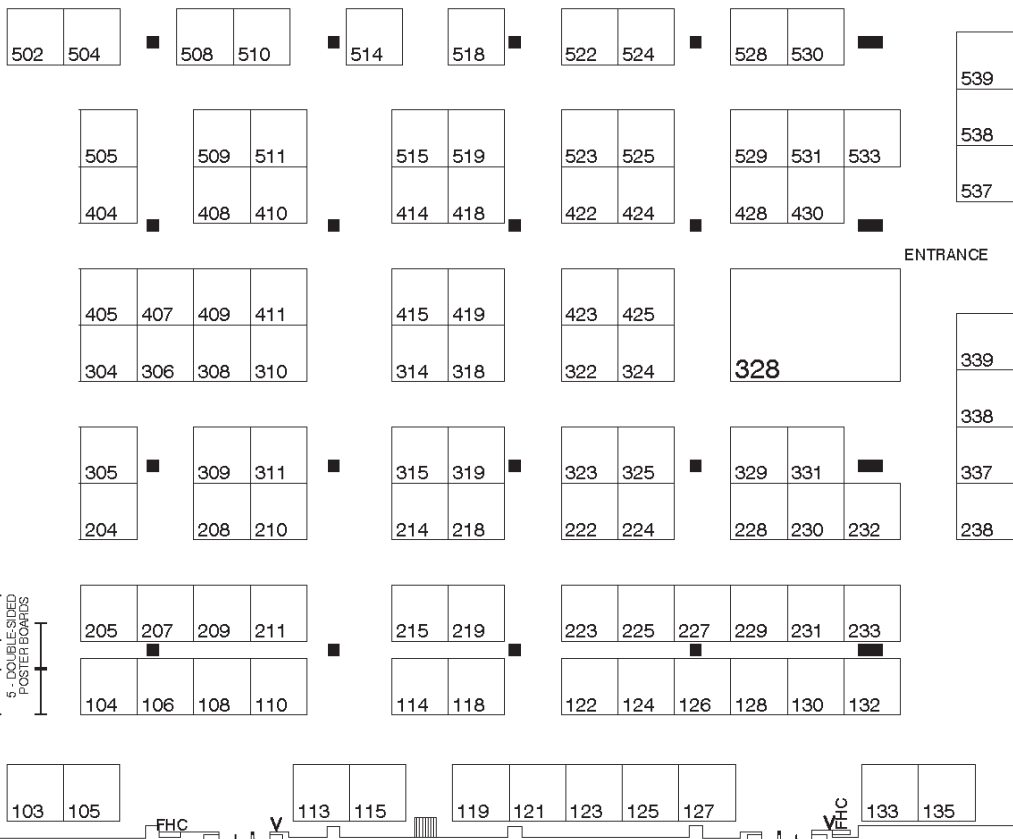
A. C. Parker	1935-1936
Diamond Jeness	1936-1937
A. V. Kidder	1937-1938
Edgar B. Howard	1938-1939
Neil Judd	1939-1940
W. C. McKern	1940-1941
Glenn Black	1941-1942
Nels C. Nelson	1942-1943
Emil W. Haury	1943-1944
J. Alden Mason	1944-1945
Carl E. Guthe	1945-1946
Frederick Johnson	1946-1947
Douglas S. Byers	1947-1948
Waldo R. Wedel	1948-1949
J. O. Brew	1949-1950
Frank Roberts Jr.	1950-1951
James B. Griffin	1951-1952
Irving Rouse	1952-1953
Gordon F. Ekholm	1953-1954
Robert Wauchope	1954-1955
W. Duncan Strong	1955-1956
William A. Ritchie	1956-1957
George I. Quimby Jr.	1957-1958
Richard B. Woodbury	1958-1959
Jesse D. Jennings	1959-1960

Erik K. Reed	1960-1961	11th	Indianapolis, IN May 1946
Junius Bird	1961-1962	12th	Ann Arbor, MI May 1947
David A. Baerreis	1962-1963	13th	Milwaukee, WI May 1948
James A. Ford	1963-1964	14th	Bloomington, IN May 1949
Albert C. Spaulding	1964-1965	15th	Norman, OK May 1950
Paul S. Martin	1965-1966	16th	Evanston, IL May 1951
Joe B. Wheat	1966-1967	17th	Columbus, OH May 1952
Gordon R. Willey	1967-1968	18th	Urbana, IL May 1953
H. Marie Wormington	1968-1969	19th	Albany, NY May 1954
Ignacio Bernal	1969-1970	20th	Bloomington, IN May 1955
Robert Lister	1970-1971	21st	Lincoln, NE May 1956
Richard S. MacNeish	1971-1972	22nd	Madison, WI May 1957
Charles C. Di Peso	1972-1973	23rd	Norman, OK May 1958
Douglas W. Schwartz	1973-1974	24th	Salt Lake City, UT May 1959
Charles R. McGimsey III	1974-1975	25th	New Haven, CT May 1960
Stuart Struever	1975-1976	26th	Columbus, OH May 1961
Raymond H. Thompson	1976-1977	27th	Tucson, AZ May 1962
Cynthia Irwin-Williams	1977-1979	28th	Boulder, CO May 1963
Fred Wendorf	1979-1981	29th	Chapel Hill, NC May 1964
Richard E. W. Adams	1981-1983	30th	Urbana, IL May 1965
George C. Frison	1983-1985	31st	Reno, NV May 1966
Don Fowler	1985-1987	32nd	Ann Arbor, MI May 1967
Dena Dincauze	1987-1989	33rd	Santa Fe, NM May 1968
Jeremy A. Sabloff	1989-1991	34th	Milwaukee, WI May 1969
Prudence Rice	1991-1993	35th	Mexico City, Mexico May 1970
Bruce D. Smith	1993-1995	36th	Norman, OK May 1971
William D. Lipe	1995-1997	37th	Bal Harbour, FL May 1972
Vincas P. Steponaitis	1997-1999	38th	San Francisco, CA May 1973
Keith W. Kintigh	1999-2001	39th	Washington, D.C. May 1974
Robert L. Kelly	2001-2003	40th	Dallas, TX May 1975
Lynne Sebastian	2003-2005	41st	St. Louis, MO May 1976
Kenneth M. Ames	2005-2007	42nd	New Orleans, LA April 1977
Dean R. Snow	2007-2009	43rd	Tucson, AZ May 1978
Margaret W. Conkey	2009-2011	44th	Vancouver, Canada April 1979
W. Frederick Limp	2011-2013	45th	Philadelphia, PA May 1980
Jeffrey H. Altschul	2013-2015	46th	San Diego, CA April-May 1981
Diane Gifford-Gonzalez	2015-2017	47th	Minneapolis, MN April 1982
		48th	Pittsburgh, PA April 1983
		49th	Portland, OR April 1984
		50th	Denver, CO May 1985
		51st	New Orleans, LA April 1986
		52nd	Toronto, ON May 1987
		53rd	Phoenix, AZ April 1988
		54th	Atlanta, GA April 1989
		55th	Las Vegas, NV April 1990
		56th	New Orleans, LA April 1991
		57th	Pittsburgh, PA April 1992
		58th	St. Louis, MO April 1993
		59th	Anaheim, CA April 1994
		60th	Minneapolis, MN May 1995
		61st	New Orleans, LA April 1996
		62nd	Nashville, TN April 1997
		63rd	Seattle, WA March 1998
		64th	Chicago, IL March 1999
		65th	Philadelphia, PA April 2000
		66th	New Orleans, LA April 2001
		67th	Denver, CO March 2002
		68th	Milwaukee, WI April 2003
		69th	Montreal, QC Mar-Apr 2004
		70th	Salt Lake City, UT Mar-Apr 2005
		71st	San Juan, PR April 2006
		72nd	Austin, TX April 2007

#### ANNUAL MEETING SITES

1st	Andover, MA. December 1935
2nd	Washington, D.C. December 1936
3rd	Milwaukee, WI May 1938
4th	Ann Arbor, MI May 1939
5th	Indianapolis, IN April 1940
6th	Minneapolis, MN May 1941
7th	Cincinnati, OH May 1942
8th	<i>(Because of travel difficulties and other wartime restrictions, the 1943 Annual Meeting was conducted by mail by the Executive Committee, whose actions were approved at the next Annual Meeting.)</i>
9th	Washington, D.C. May 1944
10th	Washington, D.C. May 1945

73rd	Vancouver, BC March 2008
74th	Atlanta, GA April 2009
75th	St. Louis, MO April 2010
76th	Sacramento, CA Mar-Apr 2011
77th	Memphis, TN April 2012
78th	Honolulu, HI April 2013
79th	Austin, TX April 2014
80th	San Francisco, CA April 2015
81st	Orlando, FL April 2016



## Exhibitor Directory

**Accurex Measurement Inc.**  
**225 S Chester Rd Ste 6**  
**Swarthmore PA 19081-1919**  
**#415**

Accurex provides high-precision 3D 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.

**ADIA and Northland Research, Inc.**  
**865 E 3rd St**  
**Tempe AZ 85281-2941**  
**#209**

ADIA and Northland have 100+ years of experience in law enforcement and cultural resources management. ADIA/Northland's team includes forensic archaeologists, a forensic palynologist, and former law enforcement officers. Our services include terrestrial and submerged cultural resources damage assessments as well as seminars on archaeological crime scene investigation and damage assessment.

**American Cultural Resources Association (ACRA)**

**024-R Campbell Road**  
**Baltimore MD 21236-5943**  
**#205**

The cultural resources management trade organization.

**American Rock Art Research Association**  
**201 W. Soloman**  
**Midland TX 79705-3032**  
**#208**

American Rock Art Research Association is a diverse community of members with interests dedicated to rock art preservation, research, and education to communicate the significance of rock art as a non-renewable resource of enduring cultural value and an important expression of our shared cultural heritage.

**Ancient Society Books**  
**1104 W Piper St**  
**Macomb IL 61455-2748**  
**#118**

Offering a broad selection of new and used books and used journals in all traditional fields of anthropology with emphasis on New World archaeology, ethnology, and ethnohistory. Books purchased, want lists served. All profits are donated to archaeological research and preservation.

**Antiquity, Durham University**  
**Department of Archaeology**  
**South Road**  
**Durham DH1 3LE**  
**United Kingdom**  
**#228**

Antiquity is a peer-reviewed journal of archaeological research that aims to communicate the most significant new discoveries, theory, method and cultural resource issues rapidly and in plain language to practicing archaeologists everywhere.

**Archaeological Institute of America**  
**656 Beacon Street, 6th Floor**  
**Boston MA 02215**  
**USA**  
**#419**

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.

**ArcheoLINK-Americas, QLC, INC.,**  
**228 E 45th St # 9E**  
**New York NY 10017**  
**USA**  
**#510**

With the archaeological information system ArcheoLINK project data, field data, finds data, specialist data, storage data, photos, field and object drawings, measurements and cartographic data



can be stored, managed, queried and analysed for one or more archaeological projects. ArcheoLINK also offers several hardware options such as barcode registration and communicating scales.

**ASC Scientific**  
**2075 Corte Del Nogal**  
**Suite T**  
**Carlsbad CA 92011-1415**  
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Manufacturer and worldwide supplier of research tools for the earth sciences, specializing in Trimble GIS & Mapping GPS products, Bartington Grad601 magnetic gradiometers for high resolution magnetic surveys, and a wide variety of field and laboratory equipment for geological and archaeological research.

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**Miami FL 33155-4471**  
**USA**  
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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.

**Bone Clones, Inc.**  
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Bone Clones, Inc. manufactures detailed, high-quality osteological reproductions of skeletal elements. In addition to producing specimens exhibiting trauma and pathology, we have an extensive range of skulls and skeletons providing age, sex, and ancestry differences. Our durable replicas obviate the need for a dedicated teaching collection of real human remains.

**Bournemouth University**  
**Fern Barrow, Poole**  
**Dorset BH12 5BB**  
**United Kingdom**  
**#122**

Archaeology & Anthropology at BU is a unique experience. We are close to many of Britain's significant archaeological sites and historic landscapes, including Stonehenge and the Jurassic Coast. Our programmes include field trips and field work experience, and our facilities include one of (if not) the largest archaeology equipment store rooms and bone collections in Europe, with access to over 700 human skeletons and many animal remains, plus un-published archaeological finds waiting to be brought to life. You will work with our internationally recognised academics on world-leading research projects. See our website for full course information.

**Bruker Elemental**  
**415 N. Quay Street**  
**Kennewick WA 99336-7783**  
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Bruker Elemental, a technology leader in handheld XRF analyzers, provides a range of analyzers for use in elemental analysis. The Tracer series is the defacto standard in portable XRF analyzers used in authentication, conservation and restoration of art and other historic artifacts.

**Cambridge University Press**  
**University Printing House**  
**Shaftesbury Road**  
**Cambridge CB2 8BS**  
**United Kingdom**  
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Cambridge's publishing in archaeology books and journals combines state-of-the-art content with the highest standards of scholarship, writing and production. Visit our booth to browse new titles, available at a 20% discount, and to pick up sample issues of our journals.

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**Havertown PA 19083-4608**  
**#410**

Casemate Academic is the leading distributor of archaeological publications in North America. Publishers represented include our own imprint Oxbow Books, the British Museum Press, Sidestone Press, the McDonald Institute for Archaeological Research, the Oriental Institute at the University of Chicago, International Monographs in Prehistory, and Archaeopress.

**Center for Applied Isotope Studies,**  
**University of Georgia**  
**120 Riverbend Road**  
**Athens GA 30602-1510**  
**#329/331**

The Center for Applied Isotope Studies at the University of Georgia conducts precise AMS and LSC radiocarbon dating with the highest level of precision and accuracy and conducts stable isotope analyses for paleoenvironmental and paleodietary studies. Professional staff performs all work with standard turnaround times is 15 days.

**Cotsen Institute of Archaeology At**  
**UCLA**  
**308 Charles E. Young Dr. N**  
**A210 Fowler Building, Box 951510**  
**Los Angeles CA 90095-1510**  
**#414/418**

The Cotsen Institute of Archaeology at UCLA is a premier research organization dedicated to the creation, dissemination, and conservation of archaeological knowledge and heritage. CIOA is also home to the Interdepartmental Archaeology Program, the UCLA/Getty Program in Archaeological and Ethnographic Conservation, and the Cotsen Institute of Archaeology Press.

**Council of Affiliated Societies (CoAS)**  
**Dept. 3431**  
**1000 East University Ave.**  
**Laramie WY 82071-3431**  
**USA**  
**#104**

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 exhibit hall.

**Daiichi Gosei Co., Ltd.**  
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**Hachioji City Tokyo 192-0051**  
**Japan**  
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We produce archaeological survey research support tools and services, and also provide materials for exhibitions fixtures, and other related products for museums.

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At Dig-It! Games, we believe in the power of games to change how kids learn by promoting critical thinking, independent learning, and cultural understanding. Through our seamless blend of fun and learning, we seek to foster the joy of intellectual discovery and inspire kids to think differently about learning.

**Digital Antiquity**  
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**#227**

The Digital Archaeological Record (tDAR) is an international digital repository for the digital records of archaeological investigations. tDAR's use, development, and maintenance are governed by Digital Antiquity, an organization dedicated to ensuring the 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 94127-2036  
#504

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, survey, and collections worldwide.

**Dino-Lite Scopes (BigC)**  
20655 S. Western Ave. Ste. 116  
Torrance CA 90501-1800  
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Dino-Lite handheld digital microscopes provide high-quality microscopy video interfacing to PC and MAC with clear and steady imaging for live inspection, image, video capture, measurement, and annotation capability with included software. Most models provide 10x-200x along with a multitude of software features. The DinoCapture software makes it easy to take snapshots, record videos, manipulate images, save and email discoveries.

**DirectAMS**  
11822 N Creek Pkwy N Ste 107  
Bothell WA 98011-8203  
#319

DirectAMS is the radiocarbon dating unit of Accium BioSciences. DirectAMS provides high-precision radiocarbon dating services for applications in antiquities, archaeology, climate science, and geology. Samples are processed in a dedicated lab and all dates are obtained using an accelerator mass spectrometer (AMS) designed specifically for radiocarbon.

**DW Consulting**  
Boekweitakker 28  
Barneveld, Gelderland 3773 BX  
Netherlands  
#204

Creator of TerraSurveyor - the industry leader for device independent, geophysical data processing software.

**European Association of  
Archaeologists**  
Letenská 4  
Praha 1 11801  
Czech Republic  
#128

The EAA offers membership to all archaeologists and anthropologists. It has a range of activities including an annual conference, a journal (The European Journal of Archaeology), and a biannual newsletter.

**Florida Anthropological Society**  
6008 Pinetree Ave  
Panama City Beach FL 32408-6522  
#305

Founded in 1947, the Florida Anthropological Society, Inc. serves as Florida's statewide organization for archaeology and anthropology. Today the society represents over 500 members and 17 regional chapters. Members will distribute organizational related materials and discuss the objectives and programs of the Society to interested parties.

**Florida Public Archaeology Network**  
07 E Main St  
Univ. of West Florida  
Pensacola FL 32502-6034  
#509

The Florida Public Archaeology Network is dedicated to the protection of cultural resources, both on land and underwater, and to involving the public in the study of their past. Regional centers around Florida serve as clearinghouses for information, institutions for learning and training, and headquarters for public participation in archaeology.

**Forensic Archaeology Recovery**  
8 1/2 Clearview Ave  
Gloucester MA 01930-3348  
#106

FAR is a humanitarian, non-profit that uses archaeological methods to assist law enforcement in the location and

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**USA**

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**Harvard University Press / Peabody Museum Press**

**9 Garden St**

**Cambridge MA 02138-1423**

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**Heritage Business International, L3C**  
**PO Box 17419**

**Tucson AZ 85731-7419**

**United States**

**#538**

HBI helps heritage organizations achieve their research, preservation, and education goals in a global marketplace by strengthening organizational capacity, providing business education for heritage professionals, and providing industry data for strategic decision making. Our premise is simple: the stronger your business, the greater your chance of achieving your heritage goals.

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**755 Prospect St**

**New Haven CT 06511-1225**

**#404**

HRAF's mission is to encourage and facilitate the cross-cultural study of human culture, society, and behavior in the past and present. HRAF produces two online databases: eHRAF World Cultures and eHRAF Archaeology, and other resources for teaching and research. Human Relations Area Files (HRAF) is an international non-profit membership organization at Yale University.

**Institute for Field Research**

**2999 Overland Ave Ste 103**

**Los Angeles CA 90064-4500**

**#407**

Archaeological field schools across the world, covering a range of geographical, temporal, methodological specializations.

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#### **Left Coast Press, Inc.**

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LEFT COAST PRESS, Inc. is a prolific publisher of archaeology with a particular interest in heritage and public archaeology issues. We produce scholarly works, textbooks, reference books, and videos for scholars, professionals, students, and the public. Stop by and say hello!

**Leiden University - Faculty of  
Archaeology  
Faculty of Archaeology  
PO Box 9515**

**Leiden 2300 RA  
Netherlands  
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#### **Maney Publishing**

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Maney Publishing specialise in the publication of electronic and print

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#### **National Geographic Society**

**1145 17th St NW  
Washington DC 20036-4707  
#529**

For over 100 years, the National Geographic Society has been providing field research grants to archaeologists around the world.

#### **National Park Service-Southeast Archaeological Center**

**2035 E. Paul Dirac Dr.  
Johnson Building, Ste. 120  
Tallahassee FL 32310**

#### **#133/135**

In 2016, the National Park Service-Southeast Archaeological Center is celebrating 50 years of providing archaeological, collections management, and interpretive support for national parks across the southeastern United States, and the 100th anniversary of the NPS.

#### **Native American Scholarships Fund Society for American Archaeology**

**1111 14th St. NW, Suite 800  
Washington DC 20005  
#502**

The Native American Scholarships Fund fosters shared purpose and positive interaction between the archaeological and Native communities. Scholarships are awarded annually to support training in archaeological methods and undergraduate and graduate education, for Native peoples from the Americas, Alaska Natives, Native Hawaiians, and Indigenous Pacific Islanders who are students or employees of tribal cultural preservation programs. Proceeds from our Silent Auction go directly to scholarships support. Visit our booth to see the variety of goods you may bid on including used and new archaeology books, jewelry, crafts, and textiles! For more information, please visit: [www.saa.org/scholarships](http://www.saa.org/scholarships)

**Oxbow Books**  
**10 Hythe Bridge Street**  
**Oxford OX1 2EW**  
**United Kingdom**  
**#408**

Oxbow Books is an imprint of Casemate Academic, the leading distributor of archaeological publications in North America. Publishers represented also include the British Museum Press, Sidestone Press, the McDonald Institute for Archaeological Research, the Oriental Institute at the University of Chicago, International Monographs in Prehistory, and Archaeopress.

**Oxford University Press**  
**198 Madison Avenue**  
**New York NY 10016-4308**  
**#207**

Oxford University Press is a department of the University of Oxford. It furthers the University's objective of excellence in research, scholarship, and education by publishing worldwide.

**PaleoResearch Institute**  
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**USA**  
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**Passport in Time, SRI Foundation**  
**333 Rio Rancho Dr NE Ste 103**  
**Rio Rancho NM 87124-1457**  
**#539**

Passport in Time (PIT) is a U.S. Forest Service sponsored program through the SRI Foundation that incorporates public volunteerism with cultural heritage projects hosted by federal and state agencies across the country. PIT projects involve cultural heritage efforts such as archaeology, heritage restoration and conservation, and paleontology.

**Project Archaeology/BLM**  
**2-128 Wilson Hall**  
**Montana State University**  
**Bozeman MT 59717**  
**#233**

Project Archaeology, the Bureau of Land Management's signature heritage education program, serves archaeology educators with high-quality, state-of-the-art curriculum materials and professional development. Educators use the materials and their training to teach students, museum visitors, and public land users about the importance of archaeological sites and the need to protect them.

**Radiocarbon**  
**Univ. of AZ, Dept of Geosciences**  
**4717 E. Fort Lowell Rd #104**  
**Tucson AZ 85712-1201**  
**#222**

Radiocarbon is the main international journal for research relevant to  $^{14}\text{C}$  and other techniques used in archaeological and related dating.

**Register of Professional  
Archaeologists**

**3601 E. Joppa Road  
Baltimore MD 21234  
#126**

The Register of Professional Archaeologists is a listing of archaeologists who have agreed to abide by an explicit code of conduct and standards of research performance. Registration is voluntary and recognizes an individual's personal responsibility to be held accountable for his or her professional behavior.

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**School of History, Classics and  
Archaeology, University of Edinburgh  
School History, Classics,  
Archaeology**

**University of Edinburgh  
Edinburgh EH8 9AG  
United Kingdom**

**#108**

The School of History, Classics and Archaeology at the University of Edinburgh is one of the great world centres for the study of the human past. The School's research quality was shown by the Research Excellence Framework 2014 when our submission to the History panel was rated third in the UK for the number of 'world leading' and 'internationally excellent' researchers; Classics was rated fifth in the UK.

**SENSYS Sensorik &  
Systemtechnologie**

**Rabenfelde 5  
Bad Saarow Brandenburg 15526  
Germany**

**#519**

SENSYS is a manufacturer of non-invasive geomagnetic and electromagnetic survey systems for archaeological prospection. The product range varies from handheld magnetometer devices, push-cart systems, to vehicle towed multi-channel magnetometer systems (up to 32 probes) using precise RTK D-GPS equipment. Such systems are already used across Europe, at Adena site in Fayette County, Kentucky or latest in Ohio to get a full picture of the Seip Earthworks scanning 10 hectare a day.

**Society for Historical Archaeology**

**9707 Key West Ave., #100  
Rockville MD 20850-3992**

**#124**

The Society for Historical Archaeology is the largest scholarly group concerned with the archaeology of the modern world (A.D. 1400-present). SHA promotes scholarly research and the dissemination of knowledge concerning historical archaeology and is specifically concerned with the identification,

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**6099 E Speedway Blvd**  
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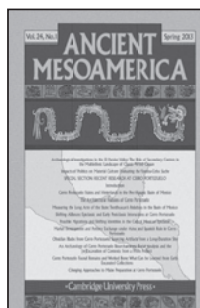
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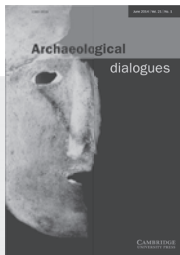
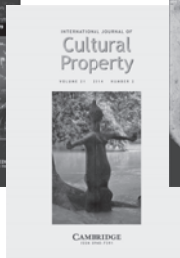
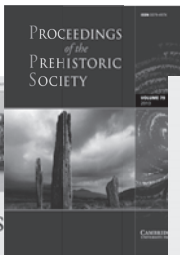
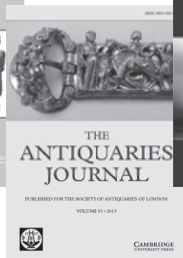


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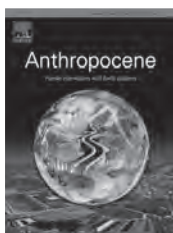
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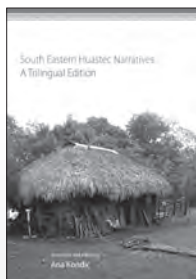
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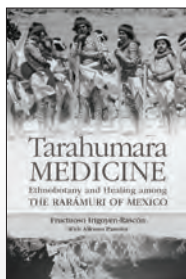
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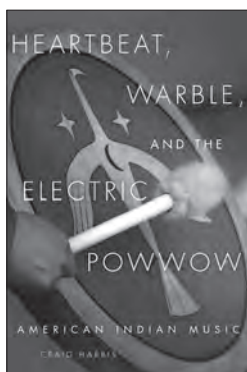
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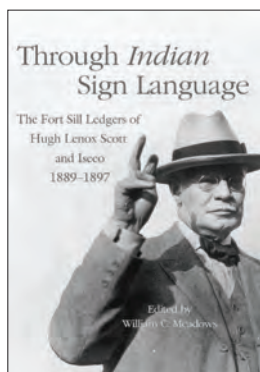


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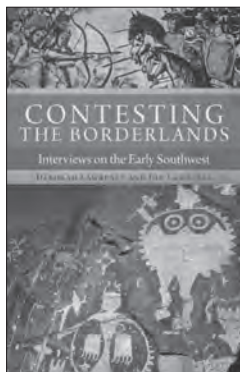
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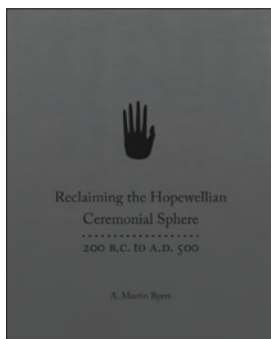


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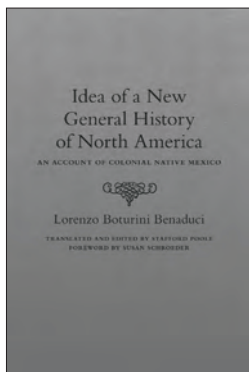


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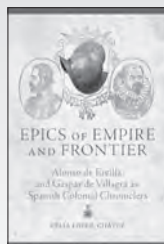


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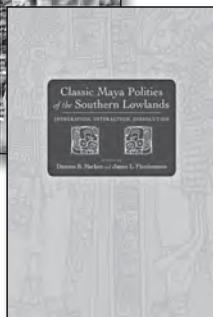
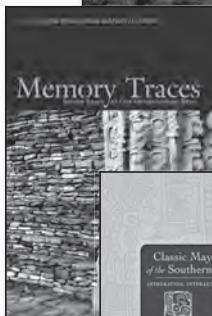
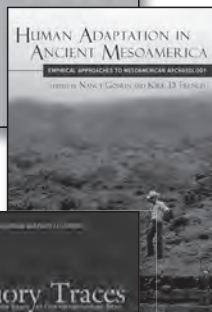
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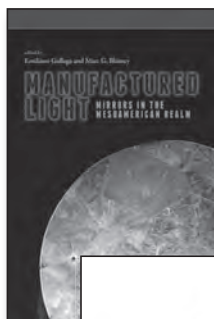
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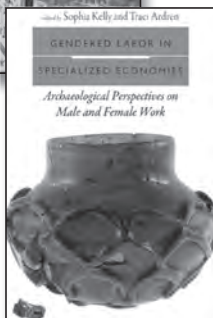


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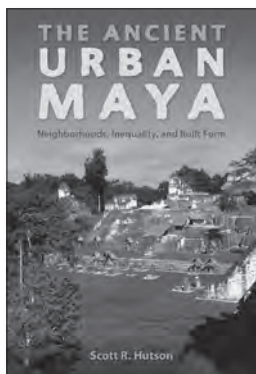
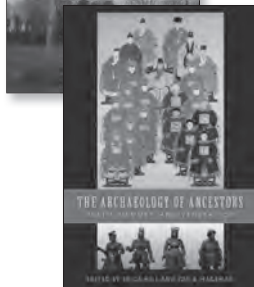
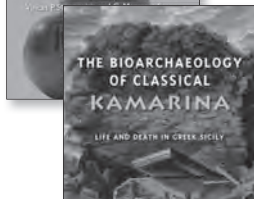
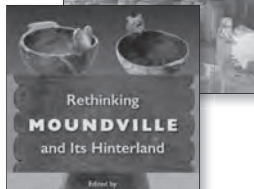
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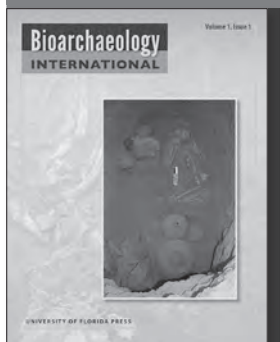
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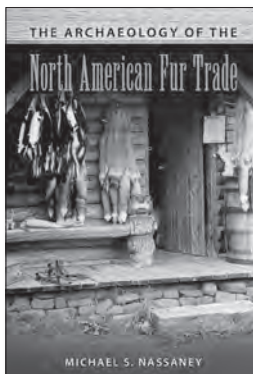
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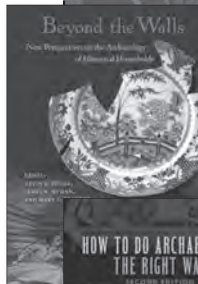
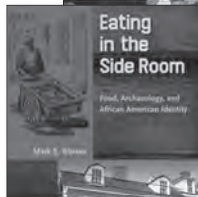
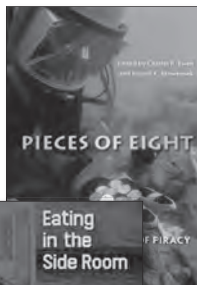
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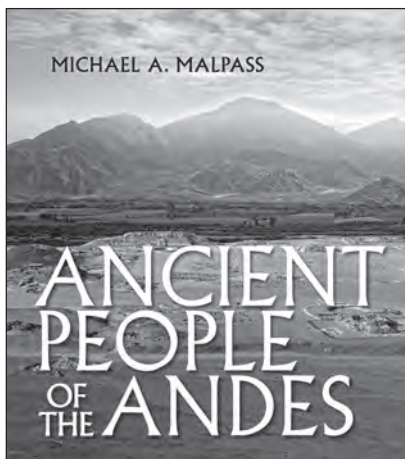
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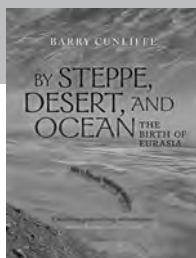
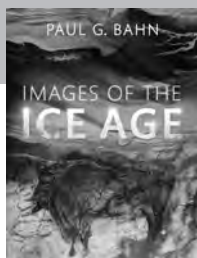


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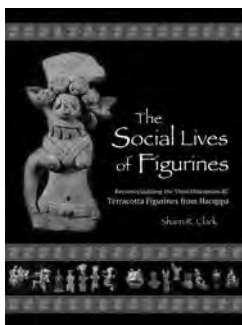
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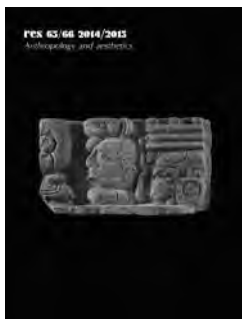
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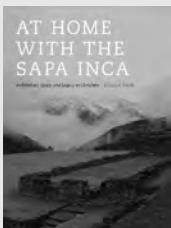
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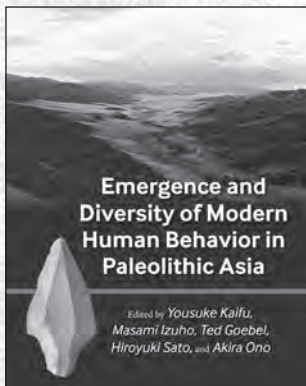
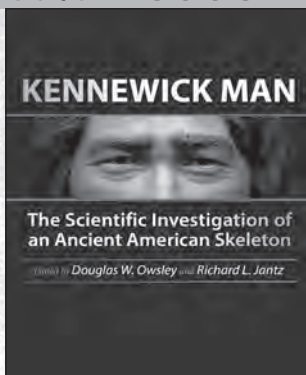
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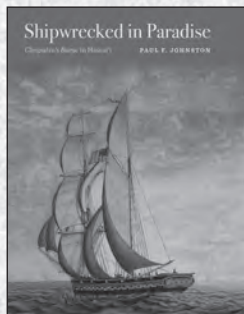
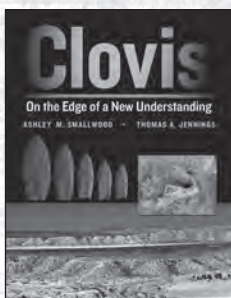
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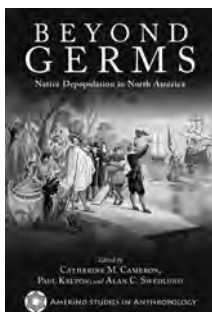
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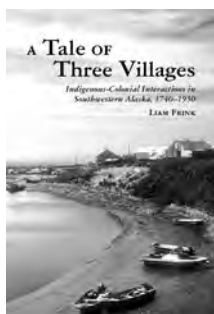
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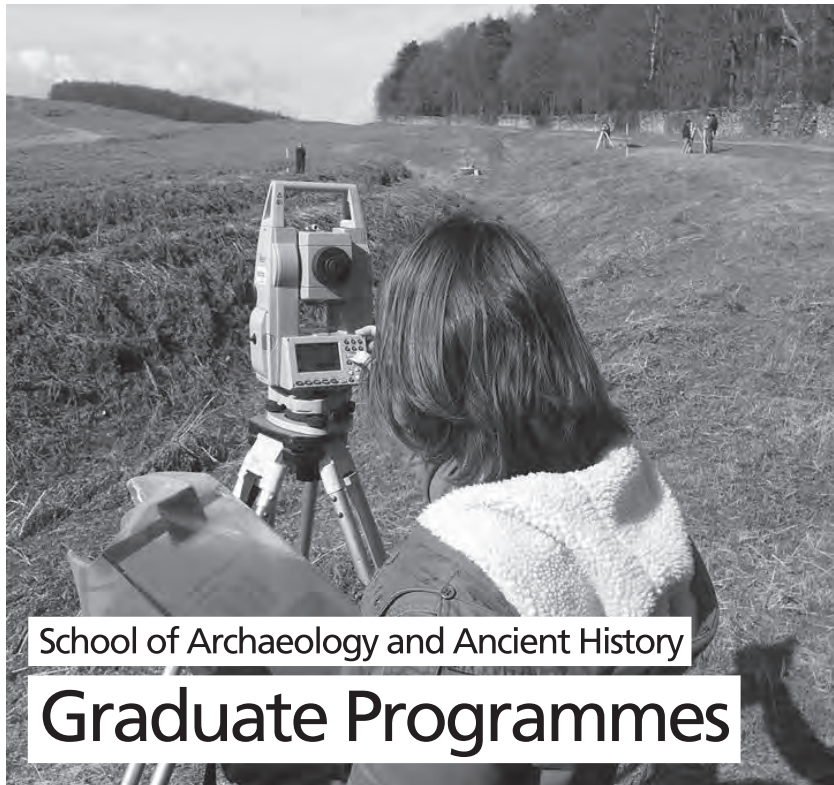
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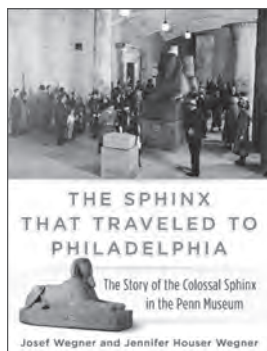
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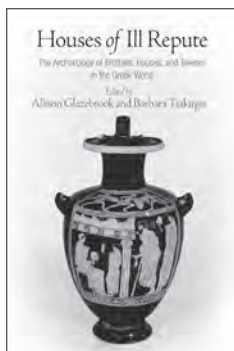


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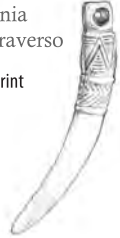
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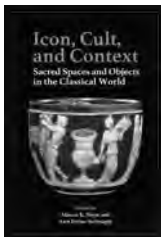
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