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.

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Awards Presentation & Annual Business Meeting

APRIL 17, 2015

5 PM  Call to Order
Call for Approval of Minutes of the
2014 Annual Business Meeting

Remarks
President Jeffrey H. Altschul

Reports
Treasurer Jim Bruseth
Secretary Christina B. Rieth
Executive Director Tobi A. Brimsek

5:30 PM  Presentation of Awards
Presidential Recognition Awards
Gene S. Stuart Award
Student Poster Award
Archaeology Week Poster Award
Student Paper Award
Ethics Bowl Trophy
Scholarships & Fellowships
Dissertation Award
Book Awards
Award for Excellence in Archaeological Analysis
Award for Excellence in Public Education
Crabtree Award
Fryxell Award for Interdisciplinary Research
Public Service Awards
Award for Excellence in Latin American and Caribbean
    Archaeology
Lifetime Achievement Award

School for Advanced Research (SAR) Award
Presentation - Linda S. Cordell Prize

New Business
Ceremonial Resolutions
Transfer of Presidential Office

Remarks
President Diane Gifford-Gonzalez

6:30 PM  Adjournment
2015 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.

**PRESIDENTIAL RECOGNITION AWARD**

**Recipient:** Willem Willems

Willem Willems served as a guiding light in the development of cultural heritage management throughout the world. As president of the EAA in the late 1990s, Willems tried to reach across the ocean and engage the SAA in a joint meeting. This vision will finally be realized in the joint EAA-SAA meeting *Connecting Continents: Archaeological Perspectives on Slavery, Trade, and Colonialism* in 2015. Willems served until his untimely death as chair of the Scientific Program Committee for the joint meeting, arranging for the keynote speakers, working on local arrangements and excursions with the National Archaeological-Anthropical Memory Management (NAAM) on Curacao, assisting in the Call for Submissions, and helping to develop the scientific program. Although he did not live to see it, his vision of cross-fertilization between members of the EAA and the SAA will bear fruit and live on.

**PRESIDENTIAL RECOGNITION AWARD**

**Recipient:** Frederich (Fritz) Luëth

As president of EAA, Frederich (Fritz) Luëth seized the opportunity to break down borders between European and American archaeologists by helping to conceive and implement the joint EAA-SAA thematic meeting, *Connecting Continents: Archaeological Perspectives on Slavery, Colonialism, and Trade*. Even after his terms as president of EAA was complete, Fritz agreed to serve as acting co-chair of the Scientific Program Committee in the wake of the untimely death of Willem Willems. Largely due to his efforts, members of the EAA and the SAA will enjoy the ability to share research, ideas, and good friendships for years to come.

**PRESIDENTIAL RECOGNITION AWARD**

**Recipient:** Jane Eva Baxter

The 2015 SAA Annual Meeting is the largest and most complex meeting in the Society’s 80-year history. Jane Eva Baxter had more than 3,800 presentations to vet, order, and schedule along with meetings of more than 50 committees, task forces, and interest groups, as well as ancillary outside groups that request conference rooms during the annual meeting. Jane handled the pressure, worked with SAA staff, and engaged with members disappointed about the schedule with grace and dignity.
PRESIDENTIAL RECOGNITION AWARD
Recipient: Brian I. Daniels
Brian I. Daniels is one of the leaders of the Penn Cultural Heritage Center and Smithsonian Institutions’ efforts to assist Syrian archaeologists, museum curators, and heritage experts in the protection of archaeological and other cultural assets inside Syria. Since February 2013, the team has been working with Syrians to protect archaeological sites and materials from the ravages of war. They have held training sessions as well as visiting markets in Turkish border towns, where they have purchased curation materials to send back into the country with the Syrians so that they could pack and protect items in hiding places conducive to long term storage. The curators at the Ma’arra Museum, bombed by the Syrian government and attacked by ISIS, continue to receive advice and encouragement from Daniels and others on the protection of collections, and due to the team’s efforts, there is hope that some of Syrian’s past will be saved.

PRESIDENTIAL RECOGNITION AWARD
Recipient: Salam al-Kuntar
As a Syrian archaeologist who worked for the Ministry of Antiquities, Salam al-Kuntar was forced to flee her homeland in 2012. Although she was able to secure a position at the University of Pennsylvania, she never forgot the archaeologists and the sites she left behind. She founded the Safeguarding the Heritage of Syria initiative and has worked tirelessly to connect Syrian archaeologists with colleagues outside the country that can provide assistance in training, materials, and expertise in conservation, preservation, and curation. She has participated in training sessions in the region and assisted in obtaining curation materials to send back into Syria. She has given voice to the voiceless; writing articles, letters, and op eds as well as giving lectures and appearing on radio and other media. In no small part, her dogged efforts will ensure that some of Syria’s illustrative past is saved.

PRESIDENTIAL RECOGNITION AWARD
Recipient: Anibal Rodriguez
For nearly forty years, Anibal Rodriguez helped hundreds of scholars navigate the North American archaeological collections as Senior Research Technician at the American Museum of Natural History. From the most senior distinguished scholar to students working on their first research project, he has served the profession through his voluminous knowledge of the collections, his willingness to come early and stay late to facilitate research, his unflagging energy in tracking down artifacts and archives, and his sense of humor through it all. His inspired collections assistance has been acknowledged in dozens, perhaps hundreds, of trade books, dissertations, and professional journals. Anibal made sure that every researcher had the time, the space, and the access to conduct their research. Although his recent retirement means that we may see less of Anibal, there is no way to measure the impact his hard work over the last forty years has had on the profession.
GENE S. STUART AWARD
Recipient: Andrew Lawler
Andrew Lawler, an award-winning science writer and correspondent for *Science* magazine, has earned the 2015 Gene S. Stuart Award for his ethically responsible and original story about the early maritime exploits of the Indian Ocean. “Sailing Sinbad's Seas” presents an engaging story about how archaeologists are studying ancient East-West trade relations. Shifting their focus from ancient Rome and China, cross-disciplinary researchers are exploring coastal swamps in Southeast Asia, beaches in Africa, and coral reefs near Sri Lanka with the goal of better understanding this important and expansive trade network. Andrew Lawler 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: Alexander Delgado

DIENJE KENYON FELLOWSHIP
Recipient: Allison L. Wolfe

FRED PLOG MEMORIAL FELLOWSHIP
Recipient: Saul L. Hedquist

DOUGLAS KELLOGG FELLOWSHIP
Recipient: Bryn Letham

ARTHUR C. PARKER SCHOLARSHIP FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIANS
Recipient: Britney Diesbourg

NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIANS
Recipient: Alicia Gooden

NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIANS
Recipient: Kristen Green

NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIANS
Recipient: Anita Johnson-Henke

NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIANS
Recipient: Regina Mad Plume

NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIANS
Recipient: Peter Nelson
SAA NATIVE AMERICAN UNDERGRADUATE ARCHAEOLOGY SCHOLARSHIP
Recipient: Grey Don Johnson

SAA NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP
Recipient: Garrett W. Briggs

DISSERTATION AWARD
Recipient: Alan Farahani
Dr. Alan Farahani has won the 2015 SAA Dissertation Award for his dissertation entitled “Sustaining Community under Empire: An Archaeological Investigation of Long-Term Agricultural Production and Imperial Interventions at Dhiban, Jordan, 1000 BCE - 1450 CE,” completed in 2014 in the interdisciplinary program in Ancient History and Mediterranean Archaeology at the University of California, Berkeley. This outstanding dissertation investigates the responses of local agricultural communities to imperial taxation and extraction regimes of the Byzantine and Mamluk Empires. By integrating excavation data, analysis of paleobotanical materials, and paleoenvironmental proxies, Farahani documented how communities at Dhiban exercised agency in their choices of agricultural crops, the composition of fields, and the organization of agricultural labor, responding distinctly to each imperial regime. With his sophisticated and nuanced arguments, Farahani’s outstanding dissertation makes significant contributions to our knowledge of the ancient Near East, while advocating for a new socioecological approach to ancient ecological dynamics.

BOOK AWARD: SCHOLARLY CATEGORY
Recipient: Steven A. Wernke
Steven A. Wernke’s book “Negotiated Settlements: Andean Communities and Landscapes under Inka and Spanish Colonialism” is a superb work that bridges the divide between late prehistoric and early colonial times in one Andean valley. Its central endeavor is a nuanced investigation of how colonial strategies are negotiated on the ground in local communities through spatial practices of architecture, settlement patterns, and land use. Tacking between different scales of archaeological investigation, applying ingenious and creative GIS analyses, and deftly integrating evidence from early documents, Wernke achieves a fine-grained and compelling exposé of the spaces that shaped every-day, lived inequality over the course of five centuries and two imperial regimes. The result is an outstandingly effective study of “landscape” as structured by human action and structuring of human possibilities. This elegantly written and generously illustrated book forms an exceptional model for studying the interface of local and imperial processes and for understanding lived landscapes through time.

BOOK AWARD: PUBLIC AUDIENCE CATEGORY
Recipient: Dimitra Papagianni and Michael A. Morse
In “The Neanderthals Rediscovered: How Modern Science is Rewriting their Story,” authors Dimitra Papagianni and Michael A. Morse give an excellent overview of recent Middle Paleolithic and Neanderthal findings. Aimed at an educated lay audience, the book presents a trove of information on this ever-
fascinating topic in lively, highly readable prose and well-selected images. Piquing curiosity but never misleading, the authors guide the reader through the origins, lives, extinction, and modern representation of our Neanderthal relatives with confidence and verve, and they take a sensible, even-handed approach to controversial topics. Our high praise goes to this well-produced book that strikes an excellent balance between broad popular appeal and satisfyingly rich content.

**Award for Excellence in Archaeological Analysis**

**Recipient:** Barbara J. Mills

Barbara J. Mills has earned the SAA’s Award for Excellence in Archaeological Analysis for her scholarly breadth and path-breaking research in the field of ceramic analysis. Dr. Mills’ work has spanned a remarkable spectrum of topics and issues, from her influential early publications on core interpretive problems of ceramic assemblage formation, to technical studies of ceramic production, sourcing, and causes of stylistic variation. Dr. Mills has long been at the vanguard of scholars using ceramic data to address social questions, including issues of gender, identity, social competition, and inequality in the prehistoric Southwest. Most recently, she has used ceramic data to explore modes of interaction, migration, and social resistance among prehispanic populations and communities within a regional-scale network analysis. Throughout her exemplary career, Dr. Mills has elevated the study of archaeological ceramics to the highest order of anthropological inquiry, and she stands as a model and inspiration to the discipline.

**Award for Excellence in Public Education**

**Recipient:** Kansas Archeology Training Program

For over 40 years, the Kansas Archeology Training Program (KATP) has linked professional archaeologists with members of the public, local communities, and descendant peoples to understand, document, and protect archaeological sites, and to salvage endangered ones. This has been accomplished through a partnership between the Kansas Anthropological Association and the Kansas Historical Society. Integral to the program are a regularly scheduled field school that engages thousands, and a Certification Program that has graduated close to 400 experienced avocational archaeologists who are frequently called upon to assist archaeological projects. While not the first, the KATP stands out for its longevity, scope, consistency, and reliability. Its systematic and sustained efforts have created a strong community of informed citizens who appreciate and advocate for archaeology and cultural resource studies. Advocacy at this scale is highly deserving of recognition with the 2015 Award for Excellence in Public Education.

**Crabtree Award**

**Recipient:** Tom Middlebrook

Tom Middlebrook has earned the SAA’s Crabtree Award for his outstanding record of furthering archaeological research on contact between the Hasinai or East Texas Caddo and French and Spanish colonial representatives in “Deep East Texas.” He has carried out extensive fieldwork at Caddo, Spanish, and French colonial sites and contributed his findings to technical reports and
numerous professional publications and conferences (including SAA meetings). He has also variously founded, supported, and led the East Texas Archaeological Society, the Nacogdoches County Historical Association, and the Nacogdoches County Historical Commission. His reach extends well beyond his Nacogdoches hometown, however, as a member and past president of the Dallas and Texas Archeological Societies; as a longtime contributor to the Caddo Conference Organization; and as a 25-year member and officer of the Texas Archeological Stewardship Network. Tom Middlebrook’s avocational career is rich and diverse, clearly embodying the across-the-board contributions of the award’s namesake, Don Crabtree.

**THE FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH**

**Recipient:** David Hurst Thomas

David Thomas earns the SAA’s Fryxell Award for Interdisciplinary Research for his combination of cross-disciplinary scholarship, leadership in public education, and committed service to the profession. Through his long and productive career, Dr. Thomas has pioneered research in the interdisciplinary spirit, incorporating human biology, history and ethnohistory, experimental archaeology, paleoethnobotany, zooarchaeology, geoarchaeology, remote sensing, and quantitative methods. He has published widely on this work, ranging from the Great Basin Archaic to the early Colonial Contact period interactions in coastal Georgia and the Desert Southwest. His textbooks have been staples in the archaeological education of two generations of American students. He is widely respected for his engagement with descent communities, his authorship of several award-winning popular books on colonial impacts and entanglements with Native America, and his service on numerous editorial boards, museum boards, and professional committees.

**PUBLIC SERVICE AWARD**

**Recipient:** Glenn Morgan

In his position at the World Bank, Glenn Morgan has been instrumental in advancing and promoting cultural heritage compliance by multi-lateral financial institutions around the world. Glenn’s participation in the SAA-sponsored workshop, *Improving Standards and Practices of Cultural Heritage Compliance in Latin America*, provided Latin American archaeologists and cultural heritage specialists a face and a voice to a seemingly inapproachable institution which is responsible for an increasing amount of cultural heritage activities in Latin America. He also provided SAA a platform from which to address other multi-lateral financial institutions. Importantly, Glenn has promised to remain engaged with the cultural heritage community as we move forward.

**PUBLIC SERVICE AWARD**

**Recipient:** Arlene Fleming

As a Cultural Resource and Development Specialist for the World Bank, Arlene Fleming has served a crucial role in the advancement of bank cultural heritage policy and compliance. She clearly articulated bank policy during her presentation at the SAA-sponsored workshop, *Improving Standards and Practices of Cultural Heritage Compliance in Latin America* in Lima, Peru. She
also has on numerous occasions assisted the SAA in navigating the structure of the World Bank, the direction the bank is trending with regard to environmental and social safeguards, and the best strategy of engagement for advancing cultural heritage.

**PUBLIC SERVICE AWARD**

**Recipient:** Jonathan Renshaw  
In his position at the Inter-American Development Bank (IDB), Jonathan Renshaw has been instrumental in advancing and promoting cultural heritage compliance in Latin America. John was an early and enthusiastic supporter of the SAA-sponsored workshop, *Improving Standards and Practices of Cultural Heritage Compliance in Latin America*. At the workshop, he provided Latin American archaeologists and cultural heritage specialists a face and a voice to an institution which is responsible for an increasing amount of cultural heritage activities in Latin America. He came out of retirement to ensure that the IDB cultural heritage guidance note was completed. SAA is grateful for Jonathan Renshaw for allowing us to comment on various drafts of the guidance note and continue to benefit from his advice on how to see the guidance note implemented.

**PUBLIC SERVICE AWARD**

**Recipient:** Elsa Chang  
Trained as an archaeologist, Elsa Chang has a unique and critical position at the Inter-American Development Bank (IDB). She is responsible for ensuring that IDB projects meet the bank’s cultural heritage compliance standards. She participated in the SAA-sponsored workshop, *Improving Standards and Practices of Cultural Heritage Compliance in Latin America*. She also has met on several occasions with SAA, offering advice on how best to engage the IDB and to advance cultural heritage compliance on bank projects in Latin America. Often in the face of strong odds, Elsa remains a strong proponent of cultural heritage and a good friend to SAA and Latin American archaeologists.

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

**Recipient:** Jeffrey Parsons  
Jeffrey Parsons deserves the Award for Excellence in Latin American and Caribbean Archaeology for his combination of scholarship, service to the profession, and academic influence on colleagues all over the Americas. Dr. Parsons’ long-lasting contributions to Mexican and Peruvian archaeology extend back more than four decades and include ground-breaking fieldwork and research that helped shape the entire discipline, in theory and methodology. His approaches to ethnoarchaeology, and especially his development of methods for regional and systematic settlement pattern surveys, have had profound and widespread implications in the practice of archaeology, becoming the standard for such research. Dr. Parsons is a prolific author with a wide impact on his audience, as well as a model collaborator with fellow Latin American archaeologists, furthering local research and training wherever he has worked. He is an established indefatigable investigator and an accomplished teacher whose work is an inspiration to students and professionals alike.
LIFETIME ACHIEVEMENT AWARD

Recipient: Bruce D. Smith

Bruce D. Smith is the recipient of the 2015 SAA Lifetime Achievement Award, the most prestigious award the Society offers. There are few archaeologists who can match Smith’s remarkable record of scholarly achievements, his outstanding contributions to the SAA, and his contributions to the profession of archaeology. His research has continually pushed the fields of archaeology, human behavioral ecology, and anthropology in new directions, as well as having lasting impact. Smith is committed to demonstrating the importance of archaeological research to the general public. He has served the SAA and the profession in many different capacities over the years, giving tirelessly of his time and talents in ways that have advanced the goals of the Society and championed the importance of the discipline within the broad international research community. In his many past and on-going contributions to the discipline he has clearly achieved the stature worthy of the Society’s highest award.

THE SCHOOL FOR ADVANCED RESEARCH (SAR) WILL PRESENT ITS FIRST LINDA S. CORDELL PRIZE AT THE SAA AWARDS CEREMONY

Recipient: Julia A. Hendon

The School for Advanced Research presents its first Linda S. Cordell Prize to Dr. Julia A. Hendon for her book Houses in a Landscape: Memory and Everyday Life in Mesoamerica. The prize is awarded to a living author for a book in archaeology or anthropological archaeology that best exemplifies excellence in writing and significantly advances archaeological method, theory, or interpretation. The award recognizes innovative works that reach out to other subfields of anthropology or related disciplines. The award was established in honor of Dr. Linda S. Cordell, who is remembered among her colleagues and students as a warm, giving, sharing, and mentoring figure in the landscape of American archaeology.
Golden Gate Ballroom
Hilton San Francisco Union Square
Lobby Level
Hilton San Francisco Union Square
Ballroom Level
Hilton San Francisco Union Square
Grand Ballroom
Hilton San Francisco Union Square
Fourth Floor
Hilton San Francisco Union Square
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Department of Parks and Recreation

SOCIETY FOR AMERICAN ARCHAEOLOGY
80TH ANNUAL MEETING

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Amanda L. Logan
Northwestern University

Christopher Milan
Yale University

John W. Norder
Michigan State University

Tricia E. Owlett
Stanford University

William A. Parkinson
Field Museum of Natural History

Megan A. Perry
East Carolina University

Paula Porubcan
Illinois Transportation Archaeological Research Program

Gordon F.M. Rakita, RPA
University of North Florida

Charles R. Riggs, RPA
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Yorke Rowan
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Elisabeth Herschbach  
Editorial Specialist
SAA’S BOARD OF DIRECTORS WOULD LIKE TO THANK THE FOLLOWING SPONSORS FOR THEIR GENEROUS SUPPORT OF THE STUDENT RECEPTION:

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Christina Rieth
School of Anthropology, University of Arizona
Statistical Research, Inc.
SUNY Buffalo Anthropology and Institute for European and Mediterranean Archaeology (IEMA)
Versar, Inc

STUDENTS, JOIN US!

All student attendees are invited to attend this mixer hosted by SAA’s Board of Directors in cooperation with the SAA 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; there will be Italian and Mediterranean hors-d’oeuvres. 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!
GENERAL INFORMATION

MEETING ROOM LOCATIONS
The entire meeting is self-contained within the Hilton San Francisco Union Square. All room designations are within the hotel.

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

Onsite, in the Yosemite 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 Imperial Ballroom AB.

CULTURAL RESOURCES MANAGEMENT CAREER EXPO
Sponsored by the American Cultural Resources Association (ACRA), the CRM Expo will be held from 1:00 pm–4:00 pm in the East Lounge/Foyer of the Continental Ballroom 4,5,6, Saturday, April 18. 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 18 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 16 from 9 am to 5 pm; Friday, April 17 from 9 am to 5 pm; and Saturday, April 18 from 9 am to 5 pm in Grand Ballroom B.

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. 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 Golden Gate 4 on
Wednesday, April 15. Ask questions and be prepared just before the Opening Session/President’s Forum kickoff. We would like to welcome you to San Francisco at this brief but information-packed session! No pre-registration required!

OFFICE
Beginning Monday, April 13 through noon on Sunday, April 19, the SAA Staff Office is located in the Executive Board Room. The house phone extension to the SAA Staff Office is extension 6986.

OPENING SESSION/PRESIDENT’S FORUM
The opening session/President’s forum, Orderly Anarchy in Prehistoric California, sponsored by the Society for California Archaeology, will be on Wednesday, April 15, in Imperial Ballroom AB from 6:30 pm to 8:30 pm.

POSTER SESSIONS
ALL POSTER SESSIONS ARE TWO HOUR SLOTS.
Poster sessions will be conducted in Grand Ballroom A beginning on Thursday. 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 the Yosemite Coat Room, will be open Wednesday through Saturday, 9 am to 5 pm, and on Sunday, 9 am to 12 noon, staffed by Brianna Kelly, SAA’s coordinator, Communications.

REGISTRATION
Registration is located in the Yosemite Foyer. Registration hours: Wednesday, 2 pm to 8 pm; Thursday, 7 am to 8 pm; Friday, 7 am to 4:00 pm; Saturday, 7 am to 4:00 pm; and Sunday, 7 am to 8 am. Individuals who registered by March 16, 2015 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 617 in the Exhibit Hall, Grand Ballroom B 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 Green Room. The Speaker Ready Room will be open on Wednesday from 2 pm to 8 pm, from 7 am to 9 pm on Thursday, from 7 am to 6 pm on Friday and Saturday, and from 7 am to 11:45 am on Sunday.

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 the SAA Student Affairs Committee. From 9:00 pm to 10:00 pm in Plaza A, 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 15, 2015
Time: 6:30 pm–8:30 pm
Location: Imperial Ballroom AB

Sponsored by the Society for California Archaeology, this session will focus on social arrangements of native Californians. The session is moderated by Jeffrey H. Altschul and organized by Terry Jones.

The Ethics Bowl
Date: Thursday, April 16, 2015
Time: 1:00 pm–3:00 pm
Location: Continental Ballroom Parlor 8

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

Forum – Gender Disparities in Research Grant Submissions
Date: Thursday, April 16, 2015
Time: 1:00 pm–3:00 pm
Location: Continental Ballroom Parlor 2

Sponsored by the SAA Board of Directors, this forum presents the results of the SAA Task Force on Gender and Rates of Grant Submissions. This forum is moderated by Barbara Mills and Lynne Goldstein.

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 (Grand Ballroom B), these colorful advertisements for archaeology will be displayed beginning on Thursday morning. Use your ballot to vote for the one you like best. The ballot box is located near the poster display. 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

<table>
<thead>
<tr>
<th></th>
<th>Wednesday</th>
<th>Thursday</th>
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<th>Sunday</th>
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<tbody>
<tr>
<td>Abstract Viewing Center</td>
<td>2pm to 8pm Yosemite Foyer</td>
<td>7am to 10pm Yosemite Foyer</td>
<td>7am to 4pm Yosemite Foyer</td>
<td>7am to 5pm Yosemite Foyer</td>
<td>7am to 11am Yosemite Foyer</td>
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<tr>
<td>Registration</td>
<td>2pm to 6pm Yosemite Foyer</td>
<td>7am to 8pm Yosemite Foyer</td>
<td>7am to 4pm Yosemite Foyer</td>
<td>7am to 4pm Yosemite Foyer</td>
<td>7am to 8am Yosemite Foyer</td>
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<tr>
<td>Speaker Ready Room</td>
<td>2pm to 8pm Green Room</td>
<td>7am to 9pm Green Room</td>
<td>7am to 6pm Green Room</td>
<td>7am to 6pm Green Room</td>
<td>7am to 11:45am Green Room</td>
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<tr>
<td>Press Office</td>
<td>9am to 5pm Yosemite Coat Room</td>
<td>9am to 5pm Yosemite Coat Room</td>
<td>9am to 5pm Yosemite Coat Room</td>
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<td>9am to noon Yosemite Coat Room</td>
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<tr>
<td>Exhibits</td>
<td>9am to 5pm Grand Ballroom B</td>
<td>9am to 5pm Grand Ballroom B</td>
<td>9am to 5pm Grand Ballroom B</td>
<td>9am to 5pm Grand Ballroom B</td>
<td>1:00pm to 4:00pm East Lounge/Foyer of Continental Ballroom 4,5,6</td>
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**THANK YOU!**

SAA would like to thank Cardno, *Advances in Archaeological Practice*, and SAA’s Online Seminar Series for sponsoring this year’s Annual Meeting Mobile App!
Summary Schedule

**Monday, April 13**

- 8:00am–5:00pm  Union Square 2  US Forest Service Heritage Program Meeting
- 6:00pm–8:00pm  Yosemite Ballroom B  Association of Transportation Archaeologists Annual Meeting

**Tuesday, April 14**

- 7:00am–4:00pm  Imperial Ballroom A  Paleoanthropology Society Annual Meeting
- 8:00am–5:00pm  Yosemite Ballroom B  Association of Transportation Archaeologists (ATA) Annual Meeting
- 8:30am–5:00pm  Union Square 2  US Forest Service Heritage Program Meeting
- 8:30am–4:30pm  Yosemite Ballroom B  Association of Transportation Archaeologists (ATA) Annual Meeting

**Wednesday, April 15**

- 2:00 pm–8:00 pm  Yosemite Ballroom Foyer  Meeting Registration
- 6:00 pm–10:00 pm  Accent on Children’s Arrangements Inc.

- 7:00am–8:00am  Golden Gate 1  SAA Board of Directors New Board Member Orientation
- 8:00am–4:45pm  Golden Gate 1  SAA Board of Directors Meeting
- 7:00am–6:30pm  Plaza A  Paleoanthropology Society Annual Meeting (con’t)
SAA’s Board of Directors – All Students
Welcome!
Thursday, April 16
7:00am–8:00pm
Yosemite Foyer
Meeting Registration
7:30am–10:30 pm
Child care available through
Accent on Children’s Arrangements Inc.
7:30am–12:00pm
Lombard Room
Ethics Bowl Preliminary Rounds (Room 1)
7:30am–12:00pm
Van Ness Room
Ethics Bowl Preliminary Rounds (Room 2)
8:00am–10:00am
Union Square 20
Council of Councils Meeting
8:00am–12:00pm
Symposia
9:00am–5:00pm
Yosemite Coat Room
Press Office
9:00am–5:00pm
Grand Ballroom B
Exhibit Hall
12:00pm–1:00pm
Union Square 19
Zoarchaeology and Bone Technology
Interest Group Meeting
12:00pm–1:00pm
Union Square 3
Resume/CV Review – CRM
No fee; Pre-registration required
12:00pm–1:00pm
Union Square 4
Resume/CV Review – Government
No fee; Pre-registration required
1:00pm–3:00pm
Continental Ballroom Parlor 8
Ethics Bowl
1:00pm–5:00pm
Symposia
2:00pm–3:00pm
Union Square 19
Latin American Antiquity Editorial Board Meeting
**Program of the 80th Annual Meeting**

5:00pm–6:30pm  
*Union Square 20*  
Society for Archaeological Sciences  
Annual Business Meeting

5:00pm–9:00pm  
*Excursion* A Night at the Museum  
(sponsored by the Zooarchaeology Interest Group)

6:00pm–7:00pm  
*Mason Room*  
Indigenous Populations Interest Group Meeting

6:00pm–7:30pm  
*Union Square 15-16*  
Women in Archaeology Interest Group  
Reception and Business Meeting

6:00pm–8:00pm  
*Union Square 4*  
Ethics Committee Supplemental Meeting

6:00pm–10:00pm  
Symposia

**Friday, April 17**

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

7:30am–7:00pm  
*Child care available through Accent on Children’s Arrangements Inc.*

7:45am–12:15pm  
*Excursion* Alcatraz Tour

8:00am–10:00am  
*Union Square 19*  
International Government Affairs Committee Meeting

8:00am–12:00pm  
Symposia

9:00am–11:00am  
*Union Square 5-6*  
Committee on the Americas Meeting

9:00am–12:00pm  
*Union Square 8*  
AAA-AD Executive Board Meeting

9:00am–12:00pm  
*Excursion* Presidio Archaeology Lab and Officer’s Club

9:00am–5:00pm  
*Yosemite Coat Room*  
Press Office

9:00am–5:00pm  
Exhibit Hall

12:00pm–1:00pm  
*Union Square 9*  
Prehistoric Quarries and Early Mines Interest Group Meeting

12:00pm–1:00pm  
*Union Square 3-4*  
Queer Archaeology Interest Group Meeting

12:00pm–1:00pm  
*Union Square 19*  
Fiber Perishables Interest Group Meeting

12:00pm–1:00pm  
*Union Square 10*  
Heritage Values Interest Group Meeting

12:00pm–1:00pm  
*Union Square 11*  
History of Archaeology Interest Group Meeting

12:00pm–1:00pm  
*Union Square 20*  
Military Archaeology Resources (MARS) Stewardship Interest Group Meeting

12:00pm–1:30pm  
*Mason AB*  
International Association of Obsidian Studies Annual Meeting

1:00pm–3:00pm  
*Sutter Room*  
Publications Committee Meeting

1:00pm–3:00pm  
*Union Square 8*  
Repatriation Committee Meeting

1:00pm–5:00pm  
Symposia

1:00pm–3:00pm  
*Union Square 5-6*  
PEC State Network Coordinators Meeting

2:00pm–4:00pm  
*Yosemite Coat Room*  
Media Relations Committee Meeting

3:00pm–4:30pm  
*Union Square 3-4*  
Forensic Archaeology Recovery Annual Meeting
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>5:00pm–6:30pm</td>
<td><strong>Imperial Ballroom AB</strong>&lt;br&gt;Annual Business Meeting and Awards Presentation</td>
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<tr>
<td>6:45pm–7:45pm</td>
<td><strong>Union Square 17-18</strong>&lt;br&gt;Rock Art Interest Group Meeting</td>
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<tr>
<td>6:45pm–8:45pm</td>
<td><strong>Union Square 15-16</strong>&lt;br&gt;Society of Africanist Archaeologists Reception</td>
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<tr>
<td>6:45pm–8:45pm</td>
<td><strong>Union Square 19-20</strong>&lt;br&gt;Native American Welcome Reception</td>
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<tr>
<td>7:00pm–9:00pm</td>
<td><strong>Union Square 5-6</strong>&lt;br&gt;Geoarchaeology Interest Group Meeting</td>
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<tr>
<td>7:00pm–9:00pm</td>
<td><strong>Continental Ballroom Parlor 1</strong>&lt;br&gt;Digital Data Interest Group: Meeting and Lightning Round</td>
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**Saturday, April 18**

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<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>7:00am–4:00pm</td>
<td><strong>YosemiteFoyer</strong>&lt;br&gt;Meeting Registration</td>
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<tr>
<td>7:30am–6:00pm</td>
<td><strong>Accent on Children’s Arrangements Inc.</strong>&lt;br&gt;Child care available through Accent on Children’s Arrangements Inc.</td>
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<tr>
<td>7:00am–8:00am</td>
<td><strong>Union Square 15-16</strong>&lt;br&gt;Committee Chair/Interest Group Organizer Breakfast with the Board (by invitation)</td>
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<tr>
<td>8:00am–12:00pm</td>
<td><strong>Symposia</strong></td>
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<tr>
<td>8:15am–4:45pm</td>
<td><strong>Union Square 17-18</strong>&lt;br&gt;SAA Board of Directors Meeting</td>
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<tr>
<td>9:00am–11:00am</td>
<td><strong>Excursion San Francisco Architectural Walking Tour</strong></td>
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<tr>
<td>9:00am–5:00pm</td>
<td><strong>Grand Ballroom B</strong>&lt;br&gt;Exhibit Hall</td>
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<tr>
<td>10:00am–11:00am</td>
<td><strong>Union Square 3-4</strong>&lt;br&gt;Advances in Archaeological Practice</td>
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<tr>
<td>10:00am–11:00am</td>
<td><strong>Union Square 6</strong>&lt;br&gt;Current Research Online (CRO) Meeting</td>
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<td>12:00pm–1:00pm</td>
<td><strong>Union Square 15-16</strong>&lt;br&gt;Exploratory Meeting: Teaching Archaeology Interest Group (TAIG)</td>
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<td>12:00pm–1:00pm</td>
<td><strong>Union Square 8</strong>&lt;br&gt;Resume/CV Review – Academic No fee; Pre-registration required</td>
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<tr>
<td>12:00pm–1:00pm</td>
<td><strong>Union Square 9</strong>&lt;br&gt;Resume/CV Review – Museum No fee; Pre-registration required</td>
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<tr>
<td>1:00pm–2:00pm</td>
<td><strong>Union Square 3-4</strong>&lt;br&gt;Public Archaeology Interest Group Meeting</td>
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<td>1:00pm–4:00pm</td>
<td><strong>East Lounge/Foyer of Continental Ballroom 4,5,6</strong>&lt;br&gt;CRM Expo</td>
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<td>1:00pm–5:00pm</td>
<td><strong>Symposia</strong></td>
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<td>5:30pm–7:00pm</td>
<td><strong>Union Square 5-6</strong>&lt;br&gt;Get-together for Archaeologists of East and Southeast Asia</td>
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<tr>
<td>5:30pm–7:00pm</td>
<td><strong>SAR Hosted Event</strong>&lt;br&gt;Linda S. Cordell Prize Reception First Crush Restaurant &amp; Wine Bar 101 Cyril Magnin St. Hors d’oeuvres served. Cash bar.</td>
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</table>
Sunday, April 19

7:00am–8:00am
Yosemite Foyer
Meeting Registration

7:30am–12:30pm
Child care available through
Accent on Children’s Arrangements Inc.

9:00am–11:45am
Yosemite Coat Room
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.

SAA’s 81st Annual Meeting in 2016!

Plan now to attend the SAA 81st Annual Meeting in Orlando, FL, April 6–10, 2016. Guidelines for contributors (Call for Submissions) who wish to submit papers, posters, or forums for consideration are posted on SAAweb (www.saa.org). The Online Submissions System for Orlando will open on May 4, 2015.
### Sessions at Glance: Wednesday Evening, April 15 and Thursday Morning, April 16

<table>
<thead>
<tr>
<th>Wednesday April 15</th>
<th>6:00 PM</th>
<th>7:00 PM</th>
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<tr>
<td>Imperial AB</td>
<td>1 President’s Forum: Orderly Anarchy in Prehistoric California</td>
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<td>2 General Session: Sites, Settlements</td>
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<td>3 General Session: Archaeological Applications</td>
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<td>4 General Session: Advances in Archaeology Technology</td>
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<td>5 Forum: Diverse Digital Archaeologies - A CAA-NA &amp; DDIG Event</td>
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<td>6 General Session: Sites, Settlements</td>
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<td>7 General Session: Historical Archaeology of Grand Ballroom A</td>
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<td>8 General Session: Archaeological Applications</td>
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<td>9 General Session: Contributions to Modeling in Yosemite A</td>
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<td>10 General Session: Archaeology of Trade in Yosemite A</td>
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<td>11 General Session: Forensic Archaeology in Yosemite A</td>
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<td>12 General Session: Archaeology of the State in Yosemite A</td>
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<td>13 Symposium: Archaeology and the State in Yosemite A</td>
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<td>14 Symposium: Connecting Highlands and Lowlands – Towards a Holistic Yosemite A</td>
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<td>15 Symposium: New Directions in Historical Archaeology: Theory, Golden Gate 1</td>
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<td></td>
<td>16 Symposium: Religion, History and Place in the Origins of Settled Life in Yosemite A</td>
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<td></td>
<td>17 Symposium: Innovative Interpretive Approaches in Microwear and Yosemite A</td>
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<td>18 Symposium: Identities in the Viking Worlds Golden Gate 3</td>
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<td>19 Symposium: Forensic Archaeology Continental Ballroom Parlor 7</td>
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<td></td>
<td>20 Symposium: Untangling the Intangible: Reconstructing New Directions in Historical Archaeology: Theory, Golden Gate 8</td>
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<td></td>
<td>21 Symposium: Advances in the Archaeology of West Mexico and the Surrounding Continental Ballroom Parlor 2</td>
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<td>22 Symposium: Household Rituals in the Ancient Americas – from Patio Groups to Pueblos Continental Ballroom Parlor 8</td>
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<td></td>
<td>23 Symposium: Investigating Identity: The Fluidity of Social Boundaries in African Archaeology Union Square 1</td>
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<td>24 Symposium: Ellos fueron lo que hicieron: Actividades de la elite y grupos no elitarios en las tierras bajas mayas Golden Gate 3</td>
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<td></td>
<td>25 Symposium: Advances in the Method and Application of Ceramic Petrography: International Perspectives on Key Plaza B</td>
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<td></td>
<td>26 Symposium: Staying Out of Small, Square Holes: The Contributions of Stephen Kowalewski to the Understanding of 1 Imperial Ballroom B</td>
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<td>28 Symposium: Nose to Tail: An Interdisciplinary Look at Dogs in the Past Union Square 14</td>
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<td>29 Symposium: Archeological Stewardship and Science in the National Park Service Continental Parlor 1</td>
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<td>30 Symposium: The Intersection of Sacredness and Archaeology Yosemite A</td>
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<td>31 Symposium: From Foragers to Empires: Recent Research on the South Coast of Peru Plaza A</td>
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<td>32 Symposium: Re-Evaluating the Marginality of California’s Islands: Implications for Archaeological Interpretation Francisco CD 6</td>
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<td>33 Symposium: Cognitive Archaeology Yosemite C</td>
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<td>34 Symposium: Archaeologies by Community Mandate: Practicing Collaborative and Community-Engaged Research Continental Ballroom 4</td>
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<td></td>
<td>35 Symposium: The Frison Institute/Geoarchaeology Interest Group Symposium: Archaeology and Geoarchaeology of Rockshelters and Continental Ballroom 6</td>
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<td>36 Symposium: Difference in Archaeological Theory and Practice Imperial Ballroom C 6</td>
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<td>37 Symposium: The Qijia Culture of Northwest China – Entering a New Era of Research Union Square 13</td>
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<td>38 Symposium: The Managed Mosaic: Papers in Honor of Scott L. Fedick Golden Gate 2</td>
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<td>39 Symposium: Reconsidering the “Epic” in the Epiclassic Period of Mesoamerica Part 1: Regional Imperial Ballroom 5</td>
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<td>40 Symposium: Human Adaptations to Environmental Change during the Terminal Pleistocene and Imperial Ballroom A</td>
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### Thursday April 16

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<tbody>
<tr>
<td>Golden Gate 6</td>
<td>2 General Session: Sites, Settlements,</td>
<td>41 Symposium: The Evolution of Intensive Plant Use by Complex Hunter-Union Square 2</td>
<td>4 General Session: Advances in Archaeology Technology Golden Gate 4</td>
<td>43 Symposium: Creative Public-Centered Approaches to UNION Square 25</td>
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<tr>
<td>Golden Gate 6</td>
<td>3 General Session: Archaeological Applications Golden Gate 4</td>
<td>42 Forum: 3D Modeling and Printing in Archaeology: UNION Square 25</td>
<td>44 General Session: Historical Archaeology of Grand Ballroom A</td>
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<tr>
<td>Golden Gate 6</td>
<td>4 General Session: Advances in Archaeology Technology Golden Gate 4</td>
<td>43 Symposium: Creative Public-Centered Approaches to UNION Square 25</td>
<td>45 Symposium: New and Innovative Approaches Continental Ballroom 6</td>
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<tr>
<td>Golden Gate 6</td>
<td>5 Forum: Diverse Digital Archaeologies - A CAA-NA &amp; DDIG Event UNION Square 25</td>
<td>44 General Session: Historical Archaeology of Grand Ballroom A</td>
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<tr>
<td>Grand Ballroom A</td>
<td>6-12 Poster Sessions</td>
<td>49-55 Poster Sessions</td>
<td>47 General Session: Archaeological Survey and Yosemite A</td>
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<tr>
<td>Continental Parlor 3</td>
<td>13 Symposium: Archaeology and the State</td>
<td>47 General Session: Archaeological Survey and Yosemite A</td>
<td>57 Symposium: Conflict and Yosemite A</td>
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<tr>
<td>Golden Gate 7</td>
<td>14 Symposium: Connecting Highlands and Lowlands – Towards a Holistic Continental Ballroom Parlor 7</td>
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<td>59 Symposium: &quot;DIY Yosemite A</td>
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<tr>
<td>Francisca AB</td>
<td>15 Symposium: New Directions in Historical Archaeology: Theory, Golden Gate 8</td>
<td>46 General Session: Archaeology of Inca Empire Golden Gate 1</td>
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<td>Golden Gate 1</td>
<td>16 Symposium: Religion, History and Place in the Origins of Settled Life in Golden Gate 1</td>
<td>47 General Session: Archaeological Survey and Yosemite A</td>
<td>57 Symposium: Conflict and Yosemite A</td>
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<td>Golden Gate 5</td>
<td>17 Symposium: Innovative Interpretive Approaches in Microwear and Golden Gate 5</td>
<td>48 General Session: Contributions to Modeling in Yosemite A</td>
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<td>Yosemite B</td>
<td>18 Symposium: Identities in the Viking Worlds Yosemite B</td>
<td>49 General Session: Contributions to Modeling in Yosemite A</td>
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<td>Continental Ballroom Parlor 7</td>
<td>19 Symposium: Forensic Archaeology</td>
<td>56 Symposium: Photons in the Field: Golden Gate 8</td>
<td>57 Symposium: Conflict and Yosemite A</td>
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<td>Golden Gate 8</td>
<td>20 Symposium: Untangling the Intangible: Reconstructing New Directions in Historical Archaeology: Theory, Golden Gate 8</td>
<td>45 Symposium: New and Innovative Approaches Continental Ballroom 5</td>
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<td>Continental Parlor 2</td>
<td>21 Symposium: Advances in the Archaeology of West Mexico and the Surrounding Continental Ballroom Parlor 2</td>
<td>58 General Session: New Method Continental Ballroom Parlor 8</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Continental Ballroom Parlor 8</td>
<td>22 Symposium: Household Rituals in the Ancient Americas – from Patio Groups to Pueblos Continental Ballroom Parlor 8</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<tr>
<td>Union Square 1</td>
<td>23 Symposium: Investigating Identity: The Fluidity of Social Boundaries in African Archaeology Union Square 1</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Golden Gate 3</td>
<td>24 Symposium: Ellos fueron lo que hicieron: Actividades de la elite y grupos no elitarios en las tierras bajas mayas Golden Gate 3</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<tr>
<td>Plaza B</td>
<td>25 Symposium: Advances in the Method and Application of Ceramic Petrography: International Perspectives on Key Plaza B</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<tr>
<td>Imperial Ballroom B</td>
<td>26 Symposium: Staying Out of Small, Square Holes: The Contributions of Stephen Kowalewski to the Understanding of Imperial Ballroom B</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Union Square 14</td>
<td>28 Symposium: Nose to Tail: An Interdisciplinary Look at Dogs in the Past Union Square 14</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Continental Parlor 1</td>
<td>29 Symposium: Archeological Stewardship and Science in the National Park Service Continental Parlor 1</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Yosemite A</td>
<td>30 Symposium: The Intersection of Sacredness and Archaeology Yosemite A</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<tr>
<td>Plaza A</td>
<td>31 Symposium: From Foragers to Empires: Recent Research on the South Coast of Peru Plaza A</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<tr>
<td>Francisco CD 6</td>
<td>32 Symposium: Re-Evaluating the Marginality of California’s Islands: Implications for Archaeological Interpretation Francisco CD 6</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Yosemite C</td>
<td>33 Symposium: Cognitive Archaeology Yosemite C</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Continental Ballroom 4</td>
<td>34 Symposium: Archaeologies by Community Mandate: Practicing Collaborative and Community-Engaged Research Continental Ballroom 4</td>
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<td>Continental Ballroom 6</td>
<td>35 Symposium: The Frison Institute/Geoarchaeology Interest Group Symposium: Archaeology and Geoarchaeology of Rockshelters and Continental Ballroom 6</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Union Square 21</td>
<td>36 Symposium: Difference in Archaeological Theory and Practice Imperial Ballroom C 6</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<tr>
<td>Union Square 13</td>
<td>37 Symposium: The Qijia Culture of Northwest China – Entering a New Era of Research Union Square 13</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<tr>
<td>Golden Gate 2</td>
<td>38 Symposium: The Managed Mosaic: Papers in Honor of Scott L. Fedick</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<tr>
<td>Continental Ballroom 5</td>
<td>39 Symposium: Reconsidering the “Epic” in the Epiclassic Period of Mesoamerica Part 1: Regional Imperial Ballroom 5</td>
<td>60 General Session: University of California, Berkeley, CA</td>
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<td>Imperial Ballroom A</td>
<td>40 Symposium: Human Adaptations to Environmental Change during the Terminal Pleistocene and Imperial Ballroom A</td>
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<td>Continental Ballroom Parlor 8: The Ethics Bowl</td>
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<td>Continental Parlor 3: General Session: Resource Use, Environments, and</td>
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<td>101 Symposium: Glass and Glass Technology: Multi-Disciplinary Approaches to Archaeology</td>
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<td>Golden Gate 2: Symposium: One of California</td>
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<td>104 Forum: Making the Tough Choices: Finding Work-Life Balance as an</td>
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<td>107 Symposium: Recent Doctoral Research on Colombian Archaeology</td>
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<td>Golden Gate 4: Symposium: Proper ID Required:</td>
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<td>108 Symposium: Archaeology of the World</td>
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<td>109 General Session: Protolhistoric and Historic Archaeology in</td>
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<td>7:00 PM</td>
<td>Continental Ballroom Parlor 9: Forum: Evaluating and Rewarding 21st Century Archaeological Research</td>
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<td>8:00 PM</td>
<td>Golden Gate 1: Symposium: The Prospects and Challenges of Faunal Data Integration</td>
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<td>113 General Session: The Household as Analytical</td>
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<td>9:00 PM</td>
<td>Yosemite B: Symposium: What Was Chachapoyas?: Towards a Cultural Geography of the Northeastern Peruvian Andes</td>
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<td>10:00 PM</td>
<td>Imperial Ballroom A: Symposium: Human Adaptations to Environmental Change during the Terminal</td>
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<td>11:00 PM</td>
<td>Continental Ballroom Parlor 7: Symposium: Construction of a Community: Recent Findings from Ceren, El Salvador</td>
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<td>12:00 PM</td>
<td>Continental Ballroom 6: Symposium: Capital, Craft, and Consumption in Mesoamerica after the Spanish Invasion</td>
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<td>1:00 PM</td>
<td>Imperial Ballroom B: Symposium: An Archaeologist's Geologist: A Symposium in Honor of William R. Dickinson</td>
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<td>2:00 PM</td>
<td>Plaza A: Symposium: Advances in the Method and Application of Ceramic Petrography: International Perspectives on Key Archaeological Research</td>
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<td>3:00 PM</td>
<td>Yosemite C: Symposium: Issues in Building Radiocarbon Chronologies</td>
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<td>4:00 PM</td>
<td>Golden Gate 3: Symposium: Worlds Forever Changed: The Impact of Conflict and Colony in the &quot;New World&quot;</td>
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<td>5:00 PM</td>
<td>Continent Parlor 1: Symposium: Preservation, Protection, and Outreach Programs in National Park Service Archaeology</td>
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<td>6:00 PM</td>
<td>Union Square 14: Symposium: The &quot;NeoLithic House&quot;: Worldwide Comparisons</td>
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<td>7:00 PM</td>
<td>Continental Ballroom 4: 87 Symposium: From Taphonomy to Human Ecology: Papers in Honor of Gary Haynes</td>
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<td>8:00 PM</td>
<td>Continental Ballroom 5: 88 Symposium: Reconsidering the “Epic” in the Mesoamerican Epiclassic Period Part 2: Interregional</td>
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<tr>
<td>9:00 PM</td>
<td>Golden Gate 7: 89 Symposium: Micro-Worlds, Materiality and Human Behaviour: Magnifying Material Science in Explanations of</td>
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<td>10:00 PM</td>
<td>Golden Gate 8: Symposium: Capital, Craft, and Consumption in Mesoamerica after the Spanish Invasion</td>
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<td>11:00 PM</td>
<td>Grand Ballroom A: Symposium: MayaArch3D: Building a 3DWebGIS Documentation and Analysis System for</td>
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<td>12:00 PM</td>
<td>Yosemite A: 91-99 Poster Sessions</td>
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### Sessions at Glance: Thursday Evening, April 16

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<tr>
<th>Time</th>
<th>Location</th>
<th>Session</th>
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<tbody>
<tr>
<td>6:00 PM</td>
<td>Union Square 1</td>
<td>115 General Session: The Archaeology of East and</td>
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<td>Union Square 21</td>
<td>116 Symposium: Archaeologies of Colonialism and Everyday</td>
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<tr>
<td>7:00 PM</td>
<td>Golden Gate 2</td>
<td>117 Forum: Performing the Past/Present</td>
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<tr>
<td>8:00 PM</td>
<td>Grand Ballroom A</td>
<td>118-126 Poster Sessions</td>
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<td></td>
<td>Continental Parlor 1</td>
<td>127 Symposium: Antelope Cave: A Dry Ancestral Puebloan (Virgin</td>
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<tr>
<td>9:00 PM</td>
<td>Union Square 2</td>
<td>128 Symposium: Historical Archaeology of the American West</td>
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<tr>
<td></td>
<td>Union Square 13</td>
<td>129 Symposium: El hombre en la cuenca del río Lerma. Pasado y prese</td>
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<td>Imperial Ballroom B</td>
<td>130 General Session: Recent Methodological Advances in Mesoameric</td>
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<td>Imperial Ballroom A</td>
<td>131 General Session: Archaeological and Bioarchaeological Perspectiv</td>
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<td>Golden Gate 1</td>
<td>132 General Session: Markers and Methods in Bioarchaeology and For</td>
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<td>Continental Ballroom Parlor 8</td>
<td>133 General Session: Artifacts and Artisans in Ancient Mesoamerica</td>
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<td>Continental Ballroom Parlor 7</td>
<td>134 Symposium: Archaeological Research in the Carate Valley, Peru</td>
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<td>Golden Gate 7</td>
<td>135 Symposium: Foraging Spectra: Hunter-Gatherer Diversity in Prehistory</td>
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<td>Plaza A</td>
<td>136 Symposium: News of the Weird (Archaeology)</td>
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<td>Union Square 25</td>
<td>137 Symposium: Atlantic Crossing: Side Views on Rock Art</td>
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<td>Union Square 14</td>
<td>138 Symposium: New Research and Emerging Scholars Working on Public Lands</td>
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<td>Golden Gate 4</td>
<td>139 General Session: Experimental Archaeology</td>
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<td>Continental Parlor 3</td>
<td>140 Symposium: Chronology, Exchange, Identity: Elemental Analysis of Glass Beads for</td>
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<td>Continental Ballroom Parlor 9</td>
<td>141 Symposium: Preceramic and Early Agrarian Communities in the Basin of Mexico: New</td>
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<td>Plaza B</td>
<td>142 Symposium: The Technopolitics of Ancient Infrastructures</td>
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<td>Yosemite A</td>
<td>143 Symposium: Cache Cave in Context: Unveiling New Discoveries in South Central Califo</td>
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<td>Continental Parlor 2</td>
<td>144 Symposium: The Matacanela Archaeological Project 2014</td>
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<td>Golden Gate 3</td>
<td>145 Symposium: Tribes, Chiefdoms and Early States in Late Prehistoric Japan</td>
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<td>Continental Ballroom 4</td>
<td>146 Symposium: The Archaeology of Common Sense</td>
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<td>Golden Gate 8</td>
<td>147 Symposium: Here be Dragons: Archaeology in North Central Belize</td>
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<td>Golden Gate 6</td>
<td>148 Symposium: New Perspectives in Folsom Archaeology</td>
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<td>Francisca CD</td>
<td>149 General Session: Global Studies in Rock Art Analysis and Interpretation</td>
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<td>Yosemite C</td>
<td>150 General Session: The Archaeology of the Paleoindians and Early New World Occupations</td>
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<td>Golden Gate 5</td>
<td>151 Symposium: New Perspectives on the Izapa State</td>
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<td>Yosemite B</td>
<td>152 General Session: Marine Zooarchaeology and Maritime Economies</td>
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<td>Francisca AB</td>
<td>153 General Session: Ethnoarchaeology, Ethnohistory, and Ethnography in Archaeology</td>
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<td>Continental Ballroom 5</td>
<td>154 Symposium: Consuming Landscapes</td>
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<td>Continental Ballroom 6</td>
<td>155 General Session: Global Studies in Geoarchaeology</td>
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</tbody>
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Note: The table above provides a summary of sessions scheduled for Thursday evening, April 16, at various locations. Each session is categorized by time, location, and title, offering a glimpse into the diverse topics being discussed at the event.
Sessions at Glance: Friday Morning, April 17

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<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Session Title</th>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Golden Gate 2</td>
<td>156 Symposium: The Presence of the Hunter and Gather</td>
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<td>9:00 AM</td>
<td>Franciscan AB</td>
<td>157 Symposium: From Pollen to Pottery: New Insights</td>
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<td>10:00 AM</td>
<td>Union Square 1</td>
<td>158 Electronic Symposium: Smoke, Flames, and the Body in Mes</td>
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<td>Golden Gate 3</td>
<td>159 Forum: Resilience, Archaeology and Global Warming: What</td>
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<td>11:00 AM</td>
<td>Yosemite A</td>
<td>160 Forum: Twenty-First Century Issues and Changes in Curating</td>
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<td>12:00</td>
<td>Union Square 2</td>
<td>161 Forum: Building Archaeological Research Communities with</td>
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<td>Grand Ballroom A</td>
<td>162-168 Poster Sessions</td>
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<td></td>
<td>Golden Gate 5</td>
<td>169 Symposium: Archaeological Research in the Chincha Valley,</td>
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<td>Golden Gate 7</td>
<td>170 Symposium: Trade, Exchange, Production and Consumption</td>
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<td>Continental Ballroom Parlor 8</td>
<td>171 General Session: Lithic and Technical Studies in North American Preh</td>
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<td>Continental Ballroom Parlor 2</td>
<td>172 Symposium: Households and Ritual in the Eastern Olmec Heartland</td>
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<td>173 General Session: Mississippian Archaeology</td>
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<td>Union Square 25</td>
<td>174 General Session: Exploring Technological and Social Boundaries in the African</td>
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<td>Golden Gate 8</td>
<td>175 Symposium: The Forging of Communities in Colonial Alta California, 1769-1834</td>
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<td>Union Square 13</td>
<td>176 Symposium: Anthropic Activity Markers: Archaeology and Ethnoarchaeology</td>
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<td>Continental Ballroom Parlor 7</td>
<td>177 Symposium: Biographies of Enclosure in Global Context</td>
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<td>Continental Ballroom 5</td>
<td>178 Symposium: 2015 Fryxell Award Symposium: Papers in Honor of David Hurst Thomas</td>
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<td>Imperial Ballroom A</td>
<td>179 Symposium: Use-Wear, Experimental Archaeology and Residue Analysis in the People's Republic of Chi</td>
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<td>Union Square 14</td>
<td>180 Symposium: Landscapes of Production: Recent Research on the Archaeology of Field and Irrigation Systems</td>
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<td>Continental Parlor 3</td>
<td>182 Symposium: Games People Play: Prehistoric Games of Indigenous North Americans</td>
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<td>Plaza B</td>
<td>183 Symposium: Excavating the House: Residential Architecture in the Maya Area</td>
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<td>Yosemite C</td>
<td>184 Symposium: Regional Perspectives on the Tiwanaku Collapse: “Post-Expansive” Chronology, Cultural Transformation and</td>
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<td>Yosemite B</td>
<td>185 Symposium: Case Studies in Chert Sourcing and Identification</td>
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<td>186 Symposium: ‘Siempre a la Vanguardia’: A Tribute to Dolores Piperno Contributions to the Origins and Spread of Agriculture</td>
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<td>Continental Ballroom Parlor 9</td>
<td>187 Symposium: See How We Are: Representing Identity in the Ancient Americas</td>
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<td>188 Symposium: Public Perceptions of Archaeology</td>
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<td>Franciscan CD</td>
<td>189 Symposium: Examining Webs of Social Relations: New Research in West Mexican Archaeology and West Mexico—U.S. South</td>
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<td>Plaza A</td>
<td>190 Symposium: Archaeology in Context: The Influence of the Geoarchaeological Career of Paul Goldberg</td>
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<td>191 Symposium: Evolutionary Theory and Archaeology, Part I: Cultural Transmission, Cultural Evolution, and Evolutionary Archaeology</td>
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<td>Continental Ballroom 6</td>
<td>192 Symposium: The Geoarchaeology of Submerged, Intertidal, And Wetland Places: Advances In Method and Theory of Prehistoric</td>
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<td>Golden Gate 6</td>
<td>193 Symposium: Interpreting Changes in Ancient Maya Society; From Landscape and Architecture to Everything in between</td>
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<td>Imperial Ballroom B</td>
<td>194 Symposium: The Aztecs and Their World: Interdisciplinary Contributions of Frances Berdan</td>
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## Sessions at Glance: Friday Afternoon, April 17

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<td>Golden Gate A: Symposium: Mapping out Pottery Production</td>
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<td>Franciscan AB: 222 Forum: Telling Archaeology: iWriteSpeakEngage#winning#bestf</td>
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<td>Imperial Ballroom B: 225 Symposium: Tribal Heritage Management Programs in Action at th</td>
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<td>Continental Ballroom 4: 228 Symposium: Evolutionary Theory and Archaeology, Part II: Applications of Human Be</td>
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<td>Golden Gate 4: 229 General Session: Archaeology in the Southwestern United States</td>
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<td>Union Square 21: 232 Symposium: Landscape and Social Organization during the Late Intermediate and Late Horizon</td>
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<td>Continental Parlor 1: 233 Symposium: Evolution and Ecology in Oceania</td>
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<td>Continental Ballroom Parlor 7: 235 Symposium: The Dynamism of Contact and Exchange in Early Central and East Asia</td>
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<td>Union Square 13: 239 Symposium: Current Practice in Digital Public &amp; Community Archaeology</td>
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<td>Plaza B: 236 Symposium: Project Archaeology Makes a Difference: The Next 25 Years</td>
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<td>Continental Parlor 3: 237 Symposium: Theorizing and Excavating Neighbourhoods</td>
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<td>Golden Gate 7: 246 Symposium: Caminos perdidos y vías olvidadas: Trade Routes and Exchange Networks in Late Pre-Hispanic Central America</td>
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### Sessions at Glance: Sunday Morning, April 19

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<td>Continental Parlor 3</td>
<td>385 General Session: Education an</td>
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<td>386 General Session: Desert and High Elev.</td>
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<td>387 General Session: Prehistory of the Carib</td>
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<td>Union Square 21</td>
<td>388 Symposium: Ceremonial Architecture in Eastern</td>
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<td>Golden Gate 6</td>
<td>389 General Session: Lithics in the Paleolithic</td>
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<td>Golden Gate 8</td>
<td>390 Forum: Site Stewardship Alliance: Building the Future of Archaeology</td>
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<td>Union Square 13</td>
<td>391 General Session: Archaeologies of Trade and Cultural Interactions</td>
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<td>392 General Session: The Practices and Products of Cultural</td>
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<td>393 General Session: Conquest and Colonialism in Mesoamerica and</td>
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<td>394 General Session: Global Historical and Contemporary Archaeol.</td>
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<td>Continental Ballroom Parlor 8</td>
<td>395 Symposium: Magdalenian Social Geographies in Western Europe</td>
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<td>396 General Session: Archaeology of the Paleolithic</td>
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<td>397 General Session: Zoarchaeology and Site Interpretation</td>
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<td>398 Symposium: The Imperial Craft: Comparative Perspectives on Production and Society in</td>
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<td>399 Symposium: The Exploitation of Limestone in Ancient Mesoamerica</td>
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<td>400 Symposium: Anarchy and Archaeology: Contesting Hierarchy, Power, and Authority in the</td>
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<td>401 General Session: Neolithic and Chalcolithic Archaeology in the Ancient Near East</td>
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<td>402 General Session: Studies of Technology, Ecology, and Craft Production in South, Central,</td>
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<td>Yosemite C</td>
<td>403 Symposium: Dietary Biographies: Chronicling Past Husbandry, Mobility, and Exchange Practices</td>
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<td>Franciscan AB</td>
<td>404 Symposium: Recent Research and a Chronological Reevaluation of the Viru-Moche-Chicama Valleys</td>
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<td>Continental Ballroom Parlor 9</td>
<td>405 Symposium: Managing Archaeological Heritage in the 21st Century</td>
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<td>406 Symposium: &quot;Bones are Not Enough&quot;: Research in Honor of Diane Gifford-Gonzalez</td>
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<td>Union Square 25</td>
<td>407 Symposium: Environmental Archaeological Approaches in Southeast Asia</td>
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<td>408 Symposium: The Mirador Basin: New Investigations and Conservation Programs</td>
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<td>409 Symposium: Archaeological Applications of Unmanned Aerial Systems (Drones)</td>
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<td>410 Symposium: The Bioarchaeology of Oaxaca: Talking with the Dead from Southern Mexico</td>
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<td>411 Symposium: Itinerant Matters and Hybrid Objects: Research on Material Transfers and Contact Products</td>
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<td>Franciscan CD</td>
<td>412 Symposium: Exotic, Lustrous, and Colorful: Obsidian in Symbol, Society, and Ceremony</td>
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<td>413 Symposium: Ports, Trails, and Waterways: Trade and Economy in the Ancient Maya World</td>
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<td>414 Symposium: New Perspectives on Agricultural Origins</td>
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<td>415 Symposium: Celebrating the 100th Anniversary of the Death of Primitive Economic Man: Nutritional Archaeology for the 21st Century</td>
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<td>416 Symposium: Spanish to the Silicon: The Diversity of San Francisco Historical Archaeology</td>
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Wednesday Evening  | April 15, 2015

[1] OPENING SESSION
PRESIDENT’S FORUM: ORDERLY ANARCHY IN PREHISTORIC CALIFORNIA
(Sponsored by Society for California Archaeology)
Room: Imperial AB
Time: 6:30 PM - 8:30 PM
Chair: Terry Jones

Participants:
Terry Jones—Discussant
Stephen Lekson—Discussant
Brian Codding—Discussant
Kenneth Ames—Discussant
Lynn Gamble—Discussant
David Thomas—Discussant
Timothy Pauketat—Discussant
Christopher Morgan—Discussant
William Hildebrandt—Discussant
Kathleen Hull—Discussant
Peter Richerson—Discussant

Thursday Morning  | April 16, 2015

[2] GENERAL SESSION | SITES, SETTLEMENTS, AND SPATIAL ANALYSIS IN SOUTH AMERICA
Room: Golden Gate 6
Time: 8:00 AM - 9:15 AM
Chair: César Méndez

Participants:
8:00 Diego Salazar, Carola Flores, Laura Olguin, Cesar Borie and Valentina Figueroa—Environment, History and Resilience of Archaic Coastal Hunter-Gatherer-Fishers from the Atacama Desert, northern Chile
8:15 Kayeleigh Sharp and Melissa Litschi—Integrated Archaeometric and Spatial Analysis: A Preliminary Report on Spatial Data Mining in the Pre-Hispanic Central Andes of Peru
8:30 Lars Fehren-Schmitz—Lauricocha v2.0: Ancient Highlanders
Grant New Insights into the Pre-Columbian Population History of South America

8:45  César Méndez, Omar Reyes, Amalia Nuevo Delaunay, Héctor Velásquez and Valentina Trejo—Alero las Quemas, a Key Site for the Study of Human Occupations of Andean Forest in Patagonia (Aisén, Chile)

9:00  Michelle Young—An Early Horizon Temple in the Tierra del Mercurio: Preliminary Results from Atalla, Huancavelica, Peru

[3]  GENERAL SESSION A  ARCHAEOLOGICAL APPLICATIONS OF X-RAY FLORESCENCE
Room: Union Square 2
Time: 8:00 AM - 9:30 AM
Chair: Jayne-Leigh Thomas

Participants:
8:00  Detlef Wilke—Using Spiked, Fired Clay Samples for Developing Robust Quantification Algorithms for pXRF of Pottery
8:15  Sam Carrier, Hillary Conley and Susan Kane—Portable X-Ray Fluorescence Studies of Black-Gloss Pottery from Monte Pallano (Italy)
8:30  Shawn Lambert
Patrick Livingood—Locally-Made or Transported Heirlooms?: XRF Source Analysis of Post-Removal Choctaw Ceramics from Southeastern Oklahoma
8:45  Clare Bedford, David Robinson, Fraser Sturt and Julienne Bernard—A Matter of Time—Applications of Portable X-Ray Fluorescence in Establishing Rock Art Chronologies
9:00  Neil Hauser, Jenny Milligan, Lynley Wallis, Alan Watchman and Wayne Wilson—Evaluating NAA, pXRF, and LIBS from the Perspective of Ochre from Gledswood Shelter 1, Queensland, Australia
9:15  Jayne-Leigh Thomas, Meghan Buchanan, April Sievert, Heather Alvey and Lee Drake—Mistaken identity?: A Reassessment of the Angel Mounds Historic Cemetery Site Using Anthroposcopie and XRF Analyses

[4]  GENERAL SESSION A  ADVANCES IN ARCHAEOLOGY TECHNOLOGY
Room: Golden Gate 4
Time: 8:00 AM - 9:45 AM
Chair: Rory Becker

Participants:
Thursday Morning, April 16

8:00  Rory Becker and Jacob Jensen—Shedding New Light on the Past: The Potential for Short Wave Ultraviolet Photography in Archaeology

8:15  Mary Malainey, Timothy Figol and James Skibo—Addressing the Challenges of Developing a Standardized System for the Morphological and Functional Analysis of Archaeological Pottery

8:30  Brett Houk, Mark Willis, Kelsey Herndon and Chester Walker—The Structure A-15 Maneuver: A Novel Application of Structure from Motion Mapping at Chan Chich, Belize

8:45  Jon Carroll—Computational Simulation Methods for Exploring Small Artifact Assemblages

9:00  Melanie Damour, Robert Church and Daniel Warren—Using 3D Laser and 3D Sonar as Tools for Mapping, Analyzing Site Formation Processes, and Long Term Monitoring of Shipwrecks

9:15  Christopher Gillam—Not Your Ordinary Models: Exploring Time and Space with Ordinal Regression and Other Methods

9:30  J. Scott Cardinal and Jennifer Loughmiller-Cardinal—Negative Results, Positive Contributions: Selection Biases and the Necessities of Looking to the Spaces between…

(Sponsored by DDIG and CAA-NA)  
Room: Union Square 25  
Time: 8:00 AM - 10:00 AM  
Moderators: Rachel Opitz and Joshua Wells  
Participants:  
Michael Ashley—Discussant  
Lisa Fischer—Discussant  
Douglas Gann—Discussant  
Timothy Goddard—Discussant  
Shawn Graham—Discussant  
Sarah Kansa—Discussant  
Francis McManamon—Discussant  
Katy Meyers Emery—Discussant  
Eric Poehler—Discussant  
Maria Raviele—Discussant  
Heather Richards-Rissetto—Discussant  
Ash Scheder Black—Discussant
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:
6-a Joe Collins, Richard Langford and Thomas Gill—Application of End-Member Mixing Analysis (EMMA) of Grain-Size Distributions to Characterize Site Formation Processes of Rimrock Draw Rockshelter (35HA3855), Harney Basin, Eastern Oregon
6-b Christopher Noll—Using the Lithic Technological Organization at Procurement Sites to Parse the Multiple Occurrences of Browns Bench Obsidian in Southern Idaho
6-c Tom Flanigan—Decisions in the Desert
6-d Jeffrey Ferguson and James Allison—Obsidian Provenance Studies of Sites in Northern Utah
6-e Timothy Canaday, Bryan Hanks and John Rose—Preliminary Results of Geophysical Surveys Along the Middle Fork Salmon River, Idaho
6-f Cliff Creger and Beth P. Smith—Spatial and Small-Scale Geoarchaeological Analysis of a Middle Archaic Antelope Trap in Northeastern Nevada, U.S.A.
6-g Andrea Maniery—The Alluvial Geochronology of Pharo Village and Implications for Cycles of Site Occupation and Abandonment
6-h Hillary Jones, Judson Finley, Tammy Rittenour and Kenneth Cannon—Depositional Circumstances of Three Paleoindian Sites Along Lima Reservoir, Montana
6-i Shilo Bender, Lauren Trimble, Todd VanPool and Christine VanPool—Provenance Analysis of Obsidian Artifacts from 76 Draw, New Mexico

[7] POSTER SESSION  ■ GIS MODELING AND GEOSPATIAL ANALYSIS: STUDY OF LANDSCAPES AND SETTLEMENT PATTERNS
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:
7-a Bianca Gentil—Measuring Power and Influence: GIS Modeling of Political Spheres of Influence
7-b Kendall McGill—Geospatial Analysis of Cedar Mesa Settlement Patterns
7-c Katelyn DiBenedetto and Levi Keach—Playing with Fire at ‘Ais Giorkis: A Geospatial Analysis of Prehistoric Fire Residue
7-d Levi Keach—Geospatial Analysis of Areal (Polygonal) Units:
Applications at the Site Level in Neolithic Cyprus
7-e Rachel Cohen—Sites and Sight Lines: An Investigation of Intervisibility among Hilltop Sites in Azerbaijan
7-f Paulina Przystupa—Idyllic Childhood or Practical Placement: Examining Children’s Homes Using GIS, Remote Sensing, and Landscape Archaeology
7-g Bobbi Hornbeck, Caroline Funk, Brian Hoffman, Debra Corbett and Nancy Bigelow—Shaping Identities through Physical and Cognitive Landscape Modifications in the Rat Islands, AK
7-h Cassidy Phillips, Jamie Clark, Lyn Wadley and Sijle Bentsen—Exploring Fire Use at Sibudu Cave Using the Kernel Density Tool in ArcGIS
7-i Carla Klehm, Eileen Ernenwein, Katie Simon, Jeremy Menzer and Mica Jones—Bosutswe Landscapes: Defining African Complexity through Spatial Archaeometry
7-j Braden Dison—Exploring Land Usage at Tannehill State Park: Giving Artifacts a Context through Watershed Mapping
7-k Alyssa Haggard and Casey Hegel—A Geospatial Analysis of Landscape Modification in Relation to Burials and Social Control
7-l James Elder and Shane Sparks—Exploring the Relationship between Coastal Geomorphic Processes and Archaeological Site Distributions in Central Puget Sound of Washington State

[8] Poster Session: Remote Sensing and Geophysical Survey
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:
8-a Eileen Ernenwein, Katie Simon and Christopher Tuttle—Ground-Penetrating Radar at edh-Deir, Petra, Jordan
8-b Brandon Zinsious and Jonathan Haws—Unmanned Aerial Vehicles in Archaeological Survey: Results from Portugal and Mozambique
8-c Timothy De Smet, Tanya M. Peres and Jesse W. Tune—Near-Surface Geophysical Investigations at the Multicomponent Magnolia Valley Site (40RD314) in Rutherford County, Tennessee
8-d Mary Scales—Learning from Disturbance: A Late Woodland-Early Mississippian Site in the Georgia Piedmont
 Thursda Morning, April 16

8-e Jesse Nowak, Daniel Bigman, Daniel Seinfeld and Grant Stauffer—A Deeper Look at Lake Jackson: New Insights into Settlement Patterns and Ritual Space at a Florida Mississippian Center

8-f Thomas Urban, Ian Buvit, Steven Hackenberger, Robert Jacob and Jeffrey Rasic—Geophysical Investigation of the Slaven’s Roadhouse Site, Yukon-Charley National Preserve, Alaska

8-g Vincas Steponaitis, Megan Kassabaum and John O’Hear—The Uses of Platform-Mound Summits at a Coles Creek Site in Southwest Mississippi

8-h Jeremy Menzer, Eileen Ernenwein and Jay Franklin—Combining Geophysics, Photogrammetry, and Archaeological Testing at the Mississippian Pile Mound Site, Upper Cumberland Plateau, Tennessee

8-i Katie Simon, Adam Wiewel, Eileen Ernenwein, Kristin Safi and Carla Klehm —TheNear and Far: How Aerial Thermography can Elucidate Findings in Ground-Based Geophysical Datasets

8-j Erin Carr—Prospects for Detection of Ephemeral Historic Sod Structures Using Geophysical Techniques

8-k Andrew Owens—Kite Aerial Photography and Archaeology: Grandfather of the Drone, Ancient yet Applicable

8-l Alper Basiran and Cevdet Merih Erek—Direkli Cave: Aerial Photography of An Epipaleolithic Site

8-m Paul Buck and Donald Sabol—Sub-Pixel Detection of Obsidian at Glass Mountain Site Using NASA Satellite and Aircraft Data

[9] POSTER SESSION XRF in Archaeology

Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:

9-a Mark Durante—A Geomorphic and Elemental Analysis of the Johnston Site (36IN002)

9-b Alice Hunt, David Hurst Thomas and Robert Speakman—Provenance of Archaeological Copper Alloys by pXRF

9-c Alicia Sawyer and Justin Holcomb—Interpretation of Midden Formation Processes at Three Farms in Skagafjörður, Northern Iceland Using Thin Section Micromorphology and pXRF Chemostratigraphy

9-d Aviva Finkelstein—Understanding the Health of the People of Pender Island (B.C.) Through Portable X-Ray Fluorescence of Human Remains

9-e Ursel Wagner, Benilde Costa, Werner Häusler, A. Silva and
Thursday Morning, April 16

Friedrich Wagner—Mössbauer, XRD and XRF Study of Roman Amphorae and Amphora Kilns from the Roman Provinces of Baetica and Lusitania Andclays

9-f Kevin Nolan and Mark Hill—Exploration of Wet and Dry Portable X-Ray Fluorescence for Archaeochemical Prospection: A Pilot Study in Comparative Method

[10] **POSTER SESSION** GEOARCHAEOLOGY AND GEOCHEMISTRY
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:
10-a Emily Rubinstein, Nathan Goodale, Alissa Nauman, David Bailey and Bruce Wegter—Geochemical Characterization of Anthropogenic Sediments through EA-IRMS from Slocan Narrows Pithouse Village
10-b Charles Hodges and Brandy Rinck—Geoarchaeology of the Bear Creek Paleoindian Site, King County, Washington: The Stratigraphic Framework
10-c Luisa Aebersold—Geoarchaeological Methods for Sediment Samples from Northwestern Belize
10-d Erin Ray—Geochemical Analysis of Construction Materials in the Cave at Las Cuevas, Belize: An Intrasite Analysis
10-e Anastasia Lugo Mendez, Steven R. Simms, Tammy M. Rittenour, Molly Boeka Cannon and Nancy Kay Pierson—The Geoarchaeology of Late Prehistoric Irrigation in Central Utah

[11] **POSTER SESSION** GEOPHYSICAL SURVEYS, GIS, AND SETTLEMENT PATTERNS IN PERU AND BOLIVIA
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:
11-a Claudio Carini, Jerry Moore, Martha Ramos, Michelle Garcia and Brandon Gay—Integrated Geophysical Surveys at Archaic and Formative Archaeological Sites in Tumbes, Peru
11-b Julia Longo, Cyrus Banikazemi, Brian Billman and Patrick Mullins—Modern Settlement Patterns and Site Preservation in the Middle Moche Valley
11-c Melissa Litschi and Kayleigh Sharp—pXRF Meets GIS: A Preliminary Investigation of Spatial Variability in Domestic Ceramics at Songoy-Cojal, North Coast, Peru
11-d Karl La Favre—Macro-Scale History of the Lake Titicaca Region,
Peru and Bolivia: A Synthesis and Comparative Analysis of Settlement Patterns
11-e Diana Diaz and Danielle Kurin—Discerning Site Distribution and Settlement Patterns in Andahuaylas (Apurimac), Peru
11-f Elimarie Garcia-Cosme—Spatial Patterns of Raised Fields and Linguistic Diversity in Mojos, Beni, Bolivia
11-g Lynn Kim—A Glance at Camata: GIS Analyses of Camata Valley, Bolivia
11-h Lauren Kohut—Fortified Lookouts and Border Patrol in the Late Intermediate Period Colca Valley, Peru

[12]  POSTER SESSION: MATERIAL CULTURE / OBJECT STUDIES
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:
12-a Kyle Crebbin, Chelsea Rose and Shana Sandor—The Jim Rock Historic Can Collection Online Database at Southern Oregon University, Ashland
12-b Nichole Keener—Hanna’s Town Unbuttoned: An Archaeological Study of Clothing Adornment & Fasteners
12-c Francesca Neri—Modern Material Culture Studies in Modern and Past Populations
12-d Amy Cromartie—Shared Ritual Ideologies: Long Spouted Vessels on the Iranian Plateau in the Third and Second Millennium BCE
12-e James Lyons—Iron Grinding Technology in the Kofun Period: New Evidence and Research Techniques
12-f John Kennedy—Metal Projectile Points of the Interior West: A Synthetic Overview
12-g Ana María Díaz Rocha—Lacquer Arts of Viceregal Latin America: A Study of Transculturation
12-h Brigid Grund—Modeling the Replacement of Atlatl by Bow Weaponry: Technological Learning Curves and Task Differentiation in Prehistory
12-i Mark Donop—Beings from the Third Dimension: Imaging Weeden Island Effigies
12-j Kristina Whitney—Historic Pueblo Canteens: How Were They Made and How Were They Used?
12-k Martina Láznicková-Galetová, Tomáš Zikmund, Marie Šejnohová and Jozef Kaiser—Analysis of the State of Preservation and Determination of Raw Material of Gravettian Mammoth Ivory Personal Ornaments (Dolní Věstonice, Czech Republic) Using
Micro Computed Tomography


**Room:** Continental Parlor 3  
**Time:** 8:00 AM - 10:00 AM  
**Chair:** Joshua Dent

**Participants:**
- 8:00 Marina La Salle—The Institution of Archaeology  
- 8:15 Joshua Dent—In(di)visible Fulcra: Perception and Balance in Canadian Archaeological Governance  
- 8:30 Rich Hutchings—Lies, Damn Lies, and CRM—Archaeology as White Power and Neoliberal Statecraft  
- 8:45 Matthew Beaudoin—Who Shot First?: Codified Categories Creating Imaginary Archaeological Pasts  
- 9:00 William Graves and Sarah Herr—Archaeology and Heritage in the United States  
- 9:30 Jean-Paul Demoule—Discussant  
- 9:45 Ian Lilley—Discussant

[14]  **SYMPOSIUM: CONNECTING HIGHLANDS AND LOWLANDS – TOWARDS A HOLISTIC APPROACH TO UPLAND AND LOWLAND SYMBIOSIS IN THE PAST, PRESENT AND FOR THE FUTURE**

**Room:** Golden Gate 7  
**Time:** 8:00 AM - 10:15 AM  
**Chairs:** Claudia Glatz and Aphrodite Sorotou

**Participants:**
- 8:00 Stamos Abatis—Perpetually on the Move from the Lowlands to the Highlands in Northern Greece  
- 8:15 Claudia Glatz—Thinking through Mountains: A Perspective from the ancient Near East  
- 8:30 Matthew Rutz—Mental Topographies of Ancient Mesopotamia: Textual Perspectives on Learned and Lived Highland-Lowland Interactions  
- 8:45 Aimee Plourde and Elizabeth Arkush—The Role of Highland-Lowland Interaction in Political Development: A View from the Hilltop Fort Site Ayawiri, in the Andean Highlands of Peru  
- 9:00 Emily Hammer—Mobile Pastoralists and Lowland-Highland Interconnectivity in Southeastern Turkey  
- 9:15 Toby Wilkinson—Synchronizing Highland and Lowland
Rhythms of Material Exchange

9:30 Aphrodite Sorotou—Current Approaches to Landscape Characterisation as Tools for the Understanding of Highlands-Lowlands Interactions

9:45 Adam Smith—Discussant

10:00 Questions and Answers

[15] SYMPOSIUM ■ NEW DIRECTIONS IN HISTORICAL ARCHAEOLOGY: THEORY, METHOD, AND PRACTICE

Room: Franciscan AB
Time: 8:00 AM - 10:15 AM
Chairs: Katrina Eichner and Erin Rodriguez

Participants:
8:00 Georgia Fox—Gazing Upward: New Directions at Betty's Hope Plantation, Antigua, West Indies
8:15 Erin Rodriguez—Microscale Geoarchaeology in a Historic Context: Soil Micromorphology Analysis with the Fort Davis Archaeological Project
8:30 Erin Riggs, Andrew Reagan and Matt Riggs—Innovative Applications of Archaeological Perspectives: An Analysis of Home Front Material Culture within the Context of Individual vs. Municipal Investments in Oakland, CA
8:45 Christopher Lowman—Marking Ainu Objects
9:00 Alexandra McCleary—New Insights at the Intersection of Historical Archaeology and the Archaeology of Religion
9:15 Albert Gonzalez—Archaeologies of Latinos in the United States
9:30 Katrina Eichner—Queering 'American': Archaeological Investigations of a 19th c. Military Fort in West Texas
9:45 Naphtalie Jeanty—Tracing Relationships among Buffalo Soldiers in 19th Century Fort Davis, Texas
10:00 Laurie Wilkie—Discussant

[16] SYMPOSIUM ■ RELIGION, HISTORY AND PLACE IN THE ORIGINS OF SETTLED LIFE IN THE MIDDLE EAST

Room: Golden Gate 1
Time: 8:00 AM - 10:15 AM
Chair: Ian Hodder

Participants:
8:00 Nigel Goring-Morris and Anna Belfer-Cohen—Long-Term Memory, the Individual and the Community in the Later Prehistory of the Levant
Thursday Morning, April 16

8:15  Lee Clare, Oliver Dietrich, Jens Notroff and Joris Peters—Establishing Identities in the Protoneolithic: History Making at Göbekli Tepe in the Late 10th Millennium calBC

8:30  Marion Benz, Kurt W. Alt and Vecihi Özkaya—Evidences for Social Structure and Ritual Practices from Körtik Tepe at the Beginning of Settled Life

8:45  Miquel Molist—Aspects of Ritual and Domestic Life in First Farming Village (PPNB period): Contribution to Tell Halula (Euphrates Valley Syria)

9:00  Gunes Duru—Radical Neolithic?

9:15  Douglas Baird and Andrew Fairbairn—The Ordering of Space at Boncuklu, Central Anatolia (8500-7500 cal BC); Household and Community

9:30  Rosemary Joyce—Interrogating "Property" at Neolithic Çatalhöyük

9:45  Nicola Lercari—Virtually Rebuilding Çatalhöyük History Houses

10:00  Christina Tsoraki—Ritual Consumption? Exploring the Staging of Ritual Acts through the Deposition of Ground Stone Tools in Building 77 at Neolithic Çatalhöyük

[17]  SYMPOSIUM: INNOVATIVE INTERPRETIVE APPROACHES IN MICROWEAR AND RESIDUE ANALYSES
  Room: Golden Gate 5
  Time: 8:00 AM - 10:15 AM
  Chairs: Randolph Donahue, Adrian Evans and Danielle Macdonald

Participants:

8:00  Aimee Little, Shannon Croft, Charlotte Rowley, Oliver Craig and Nicky Milner—Taken to Task at Star Carr: Integrating Scientific Approaches to Artefacts and their Archaeological Contexts

8:15  Harry Lerner—Scales of Analysis, Scales of Interpretation: Interpretive Scope and Analytical Precision in Lithic Use-Wear Research, or ‘Trees are Great but Don’t Forget About the Forest’

8:30  Adrian Evans—Representative Samples and Method Calibration for Lithic Microwear Interpretation frameworks

8:45  Danielle Macdonald and Lisa Maher—Exploring Domestic Tasks at Kharaneh IV Using Lithic Microwear Analysis

9:00  Annelou Van Gijn—Investigating the Toolkit for Building a Neolithic House: Microwear and the Missing Majority

9:15  Patricia Anderson—Interpreting Uses of Cereal Threshing Tools
and Straw Storage Structures from Neolithic, Chacolithic and Bronze Age Sites in the near East
9:30 Randolph Donahue and Anders Fischer—Trollesgave: Hunter-Gatherer Social Organisation during the Late Glacial in Northwest Europe
9:45 Questions and Answers
10:00 Douglas Bamforth—Discussant

[18] **SYMPOSIUM: IDENTITIES IN THE VIKING WORLDS**
**Room:** Yosemite B
**Time:** 8:00 AM - 10:15 AM
**Chairs:** Catrine Jarman and Christopher Callow
**Participants:**
8:00 Christopher Callow—Diasporas and Identities in the Viking Age
8:15 Charlotte Hedenstierna-Jonson—Identity, Self-Image and Cultural Expression in Viking Age Sweden
8:30 David Griffiths—Long Distances/Local Dynamics: Overcoming ‘Culture History’
8:45 Orri Vesteinsson—Environment and Identity in the Viking Age North Atlantic
9:00 Dawn Hadley—Identities in a Viking Winter Camp
9:15 Catrine Jarman—Female Mobility in the Viking Worlds
9:30 Steven Ashby—Craft and Identity in the Viking World
9:45 Christina Lee—Weaving Identities
10:00 Questions and Answers

[19] **SYMPOSIUM: FORENSIC ARCHAEOLOGY**
**Room:** Continental Ballroom Parlor 7
**Time:** 8:00 AM - 10:15 AM
**Chair:** Kimberlee Moran
**Participants:**
8:00 Mike Groen, Nicholas Marquez-Grant and Rob Janaway—Forensic Archaeology: A Global Perspective
8:15 Ryan Seidemann and Christine Halling—The Forensics of Commodification: Examples from Louisiana of the Acquisition, Analysis, and Legal Problems Related to Trophy Skulls Seized from Illegal Sales
8:45 Ann Marie Mires and Claire Gold—Forensic Archaeology
Recovery Case Studies, Finding the Unfound

9:00  Sharon Moses—A Missing Person Body Recovery Case: Maintaining Professionalism & Best Practices as a Forensic Archaeologist Amidst Escalated Tensions

9:15  Alexis Gray and Craig Goralski—Forensic Archaeology and Today’s Student: Managing Expectations and Providing Rigor While Maintaining Best Practices

9:30  Dana Kollmann—Put ‘em to Work! The Transition from the Classroom to the Field

9:45  Kimberlee Moran—Forensic Archaeology: a Ten Year Retrospective

10:00 Questions and Answers


Room: Golden Gate 8
Time: 8:00 AM - 10:15 AM

Chairs: Kathryn MacFarland and Erik Johannesson

Participants:

8:00  Erik Johannesson—What You See is What You Believe: Mortuary Ideology and Transmutations in Funerary Practice at the Advent of the Xiongnu Empire in Mongolia

8:15  Emily Anderson—In the Trail of Dancing Lions: Iconography and Community on Early Crete

8:30  Susan Kus and Victor Raharijaoana—Some “Muse”ings on Past and Recent Encounters with Lutins, Naiads and Non-Anthropomorphic Forces: Reconsidering Vocabulary and Questions Concerning “Religion” and “Belief” in Face of Ethno-Archaeological Experiences in Madagascar

8:45  Marijke Stoll—The Practice of Play in the Sport of Life and Death: Exploring Regional Variation in Ballgame Material Culture and Ideology

9:00  Jeremy Beach and K. Bryce Lowry—An Archaeological Investigation of Gender on the Late Prehistoric Steppe


9:30  Kathryn MacFarland—Religious and Ritualized Landscapes of Iron Age Central Eurasia

9:45  Lars Fogelin—Discussant

10:00 Questions and Answers
[21] Symposium Advances in the Archaeology of West Mexico and the Surrounding Areas
Room: Continental Parlor 2
Time: 8:00 AM - 10:30 AM
Chairs: Nora Rodríguez Zariñán and Andrea Torvinen

Participants:
8:00 Nora Rodríguez Zariñán—Parallels between Pseudo-Cloisonné and Huichol Votive Gourds: Iconography, Processing, and Disposal
8:15 Andrea Torvinen, Ben Nelson and Stephanie Kulow—Refinement of the La Quemada Chronology and its Implications for Inter-Polity Interaction along the Northern Frontier of Mesoamerica
8:30 Paula Turkon, Sturt Manning, Carol Griggs and Alexandra Jiggetts-O’Neill—Dendro-14C-Wiggle-Match Contributions to Northwestern Mesoamerican Chronology
8:45 Juan Ignacio Macías—Dinámicas poblacionales durante el Epiclásico (600 a 900 d.C.) entre la vertiente norte del río Verde-San Pedro y el Occidente de México
9:00 Questions and Answers
9:15 Rodrigo Esparza Lopez, Francisco Rodríguez Mota and Juan Morales—The Archaeological Site of Presa de la Luz: New Insights on the Relationship between the Altos of Jalisco, the Bajio and the Mexico Basin
9:30 Rosa Flores Ramirez and Marco Zavaleta Lucido—CONCHITA Y SUS AMIGOS: “un estudio bioarqueológico de los entierros infantiles recuperados en el Salvamento Arqueológico Mina de Peña en la Ciudad de Villa de Álvarez, Colima, 2014”
9:45 Michelle Elliott—Ritual Fires and Sacred Hearths: the Management of Wood Resources in Postclassic Tarascan Society of the Zacapu Basin, Michoacán
10:00 Kyle Urquhart, Christopher Fisher and Stephen Leisz—Ireta and Vapatzequa—Applications of the Alteptl Model to the pre-Hispanic Pürépecha
10:15 Rodrigo Solinis-Casparius, Anna S. Cohen, Florencia Pezzutti and Christopher T. Fisher—Working with the Ejido: Negotiating Archaeology and Local Politics in Michoacán, Mexico

[22] Symposium Household Rituals in the Ancient Americas—From Patio Groups to Pueblos
Room: Continental Ballroom Parlor 8
Time: 8:00 AM - 11:00 AM
### Thursday Morning, April 16

**Chairs:** Samantha Fladd and Jessica MacLellan

**Participants:**

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<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Michael Callaghan and Brigitte Kovacevich</td>
<td>Investigating the Development of Social Inequality through Preclassic-Period Maya Household Ritual</td>
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<tr>
<td>8:15</td>
<td>Susan Ryan</td>
<td>Rooting the Kiva: The Placement of Coal in Ancestral Pueblo Construction Rituals</td>
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<tr>
<td>8:30</td>
<td>Jessica MacLellan</td>
<td>Preclassic Maya Households and Ritual at the Karinel Group, Ceibal, Guatemala</td>
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<tr>
<td>8:45</td>
<td>Ashley Sharpe</td>
<td>Critter Caching: Animals in Household Rituals at the Maya Site of Ceibal, Guatemala</td>
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<tr>
<td>9:00</td>
<td>Katelyn Bishop and Samantha Fladd</td>
<td>The Distribution of Articulated Animal Remains: An Analysis of Household and Community Ritual in Chaco Canyon</td>
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<tr>
<td>9:15</td>
<td>Emily Ditto</td>
<td>House Ritual in Chaco Canyon: Scale, Context, Emergent Differentiation and Inequality</td>
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<tr>
<td>9:30</td>
<td>Alyce De Carteret</td>
<td>A Good, Old-Fashioned Patio-Group Raising: Domestic Architecture as Ritual among the Classic-Period Maya</td>
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<tr>
<td>9:45</td>
<td>Sarah Newman</td>
<td>Ritual in the &quot;Great Household&quot;: Termination Deposits in Classic Maya Royal Residences</td>
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<tr>
<td>10:00</td>
<td>Abigail Holeman</td>
<td>Levels of Hierarchy in Northern Mexico: The Color of Ritual at Paquimé, Chihuahua, Mexico</td>
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<tr>
<td>10:15</td>
<td>Matthew Piscitelli</td>
<td>Issues of Function and Scale as Viewed through Possible Ritual Structures at the Late Archaic Site of Huaricanga, Peru</td>
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<tr>
<td>10:30</td>
<td>Andrew Duff</td>
<td>Discussant</td>
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<tr>
<td>10:45</td>
<td>Lisa LeCount</td>
<td>Discussant</td>
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**Symposium: Interrogating Identity: The Fluidity of Social Boundaries in African Archaeology**

*Sponsored by Society of Africanist Archaeologists*

**Room:** Union Square 1  
**Time:** 8:00 AM - 11:00 AM  
**Chair:** Abigail Stone

**Participants:**

<table>
<thead>
<tr>
<th>Time</th>
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</tr>
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<tbody>
<tr>
<td>8:00</td>
<td>Abigail Stone</td>
<td>Economies and Identities in Flux: Consequences of the Arrival of Specialized Fulani Pastoralists in Mali’s Inland Niger Delta</td>
</tr>
<tr>
<td>8:15</td>
<td>Stephen Dueppen</td>
<td>Opening the House: Transforming Identities at Kirikongo over the 1st and 2nd millenniums CE (Burkina Faso, West Africa)</td>
</tr>
</tbody>
</table>
8:30  Louise Iles—Iron Producers, Iron Users
8:45  Stefano Biagetti—Resilience and Identity: The Ethnoarchaeology of the Kel Tadrart Tuareg (SW Libya)
9:00  Thomas Huffman—Salvage Excavations on Greefswald: Leokwe Commoners and K2 Cattle
9:15  Cameron Gokee—Beyond the Grave: Regional Interaction in the Senegambian Megalith Zone
9:30  Dil Basanti—In Death Do We Join: Community Building in Ancient Ethiopian Funerary Practices
9:45  Daphne Gallagher—Material Complexities in Dispersed Communities: Archaeology of 2nd Millennium CE Southeastern Burkina Faso (West Africa)
10:00  Steven Goldstein—Bringing the Mountain to the Mara: The Role of Obsidian Quarrying on Mt. Eburru in Structuring Early Pastoralist Socio-Economic Identities in Southern Kenya
10:15  Scott MacEachern—Boko Haram, Coupeurs de Route and Slave-Raiding: Identities and Violence in a Central African Borderland
10:30  Ann Stahl—What’s in a Label? Archaeological Taxonomies and Social Processes Past and Present
10:45  Questions and Answers

[24]  **SYMPOSIUM** ELLOS FUERON LO QUE HICIERON: ACTIVIDADES DE LA ELITE Y GRUPOS NO ELITARIOS EN LAS TIERRAS BAJAS MAYAS
**Room:** Golden Gate 3
**Time:** 8:00 AM - 11:30 AM
**Chairs:** Nancy Peniche May and Lilia Fernandez Souza

**Participants:**
8:00  Nancy Peniche May and Jaime Awe—Haciendo público lo privado: La arquitectura de las élites de Cahal Pech durante el Preclásico Medio
8:15  Catharina Santasilia and Jaime Awe—Placing Cahal Pech on the Map: Implications of Burial Goods Recovered in the Site’s Eastern Triadic Shrine
8:30  Whitney Lytle—Same Space Different Face: Recent Investigations at Xunantunich, Group D
8:45  Barry Kidder, Daniel Vallejo-Cáliz, Shannon Plank, Jacob Welch and Scott Hutson —Great Expectations: Negotiating Community at Ucanha, Yucatán, Mexico
9:00  Lilia Fernandez Souza, Socorro Jimenez Alvarez, Daniel Herklotz Balam, María Jesús Novelo Perez and Carlos Matos Llanes—Explorando la diversidad socioeconómica en grupos
domésticos mayas del período Clásico. El caso de Sihó, Yucatán

9:15 Beniamino Volta—Household Activities, Status, and Social Organization at Uxul, Campeche, Mexico

9:30 Misha Miller-Sisson—Commoner-Elite Interactions: Evidence Subroyal Elite Housemound Excavations at Uxul, Campeche, Mexico

9:45 Miriam Gallegos Gomora and Ricardo Armijo—Hilar y tejer en el Palacio y la periferia. Coincidencias y particularidades de dos espacios domésticos del Clásico Tardío en Comalcalco, Tabasco

10:00 Kimberly Salyers—Resource Procurement at the Local Level in Classic Maya Chinikihá (AD 600–900)

10:15 Sheldon Skaggs, Duncan Balinger and Terry Powis—Defining a Late Classic Maya Granite Workshop at the Tzib Group, Pacbitun, Belize

10:30 Carlos Matos Llanes, Héctor Hernández Álvarez, Mario Zimmermann, Lilia Fernández Souza and Anaïs Dervanian—Lo ritual y lo doméstico: estudios químicos de suelos y paleoetnobotánicos en distintas esferas de actividad en la hacienda San Pedro Cholul, Yucatán

10:45 Ma Alejandra Espinosa—Las primeras sociedades agrícolas sedentarias en el Valle de Oaxaca: producciones líticas y surgimiento de nuevas necesidades

11:00 Marisa Vázquez De Ágredos Pascual—Discussant

11:15 Traci Ardren—Discussant

[25] **SYMPOSIUM** **ADVANCES IN THE METHOD AND APPLICATION OF CERAMIC PETROGRAPHY: INTERNATIONAL PERSPECTIVES ON KEY ARCHAEOLOGICAL QUESTIONS, PART I**

*(Sponsored by Geoarchaeology Interest Group (GIG))*

**Room:** Plaza B

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

**Chair:** Peter Day

**Participants:**

8:00 Jennifer Meanwell—Function-Based Processing Decisions in the Middle Balsas Region of Guerrero, Mexico

8:15 Jill Hilditch—Fabrics of Space and Time: Multiscalar Analytical Approaches to Social Process in the Middle Bronze Age Aegean

8:30 Vassilis Kilikoglou and Anno Hein—Petrography and Chemistry Live Together in Perfect Harmony
8:45  Suzanne Eckert and Tiffany Clark—Integrating Petrographic and INAA Compositional Data: Chupadero Black-on-White Ceramic Production and Distribution in the Salinas and Sierra Blanca regions of New Mexico
9:00  Lane Fargher, Marc N. Levine and Flor Arcega-Cabrera—Using Natural Breaks to Work Together: Compositional Analysis of Archaeological Ceramics Using Petrography and NAA
9:15  Wesley Stoner—The Analytical Nexus: Multi-Technique Approaches to Ceramic Composition
9:30  Questions and Answers
9:45  Marta Tenconi, Peter Day, Elina Kardamaki, Joseph Maran and Alkestis Papadimitriou—Transport Jars at the Mycenaean Citadel of Tiryns, Greece: New Evidence from Petrographic Analysis of Trade in the Late Bronze Age Eastern Mediterranean
10:00 Ioannis Iliopoulos and Albert J. Ammerman—A Characterization Study of Some of the Earliest Ceramic Building Materials from Sites in Rome and its Surrounding Area
10:30 Ian Whitbread, Jeremy Taylor, Mark Williams, Ian Wilkinson and Ian Boomer—Microfossils and Micro-XRF: Sourcing Raw Materials for Iron Age to Romano-British Pottery Production at Burrough Hill Hillfort, UK
10:45 Jason Sherman and Leah Minc—Assessing Ceramic Production and Exchange in the Early Monte Albán State (Oaxaca, Mexico)
11:00 John Moody, Linda Howie and Lisa Hodgetts—Expanding the (Micro)Scope: Exploring the Technological and Provenance Characteristics of Inuit Pottery Containing Atypical, Animal-Deriving Organic Paste Ingredients
11:15 Linda Howie—New Faces, New Pressures, New Pots: Collective Identities in Action in the Ceramic Record at Lamanai, Belize

[26]  **Symposium: Staying Out of Small, Square Holes: The Contributions of Stephen Kowalewski to the Understanding of Human Societies at Regional and Global Scales**
Room: Imperial Ballroom B
Time: 8:00 AM - 11:30 AM
**Thursday Morning, April 16**

**Chair:** Veronica Perez Rodriguez  
**Participants:**

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<tr>
<th>Time</th>
<th>Speaker/Participants</th>
<th>Topic</th>
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<tr>
<td>8:00</td>
<td>Veronica Perez Rodriguez, Thomas Pluckhahn and Verenice Heredia Espinoza—Stephen Kowalewski, su vida y obra: A Life of Regional Survey and Looking at the Big Picture</td>
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<td>8:15</td>
<td>Thomas Pluckhahn and Victor Thompson—Early Village Societies in the American South and Beyond</td>
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<td>8:30</td>
<td>Benjamin Steere—The View from One Thousand Houses: A Macro-Regional Approach to Household Archaeology in the Southeastern United States</td>
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<td>8:45</td>
<td>Jennifer Birch—Making Communities Work: Organizational Diversity in the Eastern Woodlands of North America</td>
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<td>9:00</td>
<td>David Wilcox—Cumulative Survey: Defining Coalescent Communities in the American Southwest</td>
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<td>9:15</td>
<td>John Chamblee—Long-Term Data versus Contemporary Crisis: Anthropological Archaeology in the U.S. / Mexico Borderlands</td>
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<td>9:30</td>
<td>Yanxi Wang—The Landscape and Regional Integration of the Guan River Valley in the Eastern Zhou Period (770–221 B.C)</td>
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<td>9:45</td>
<td>Questions and Answers</td>
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<td>10:00</td>
<td>Luis Barba—Archeological Prospection in Coixtlahuaca, Oaxaca</td>
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<td>10:15</td>
<td>Verenice Heredia Espinoza—I Don’t Do Mountains: Regional Survey in the Tequila Valleys of Jalisco</td>
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<td>10:30</td>
<td>Antonio Martínez Tuñón, Veronica Perez Rodriguez and Laura Stiver-Walsh—Cerro Jazmin and its Changing Regional Context: Building Upon Regional Survey Data</td>
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<td>10:45</td>
<td>Nelly Robles Garcia—Athens-Oaxaca y puntos intermedios: Steve Kowalewski’s Influence in Local Archaeologists</td>
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<td>11:00</td>
<td>Dmitry Belyaev—Discussant</td>
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<td>11:15</td>
<td>Richard Blanton—Discussant</td>
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*(Sponsored by Museums, Collections and Curation Committee)*  
**Room:** Continental Ballroom Parlor 9  
**Time:** 8:00 AM - 11:45 AM  
**Chair:** Ann Stansell  
**Participants:**

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<th>Time</th>
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<td>8:00</td>
<td>Ann Stansell—Excavating the Collections: Redefining Archaeological Practice in the 21st Century through Utilizing Existing Assemblages</td>
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<td>8:15</td>
<td>Elanor Sonderman—Addressing the Curation Crisis through</td>
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Thursday Morning, April 16

Research in University Legacy Collections

8:30  Heather McDaniel—Ethical Consumption and Archaeological Ethics: A Case Study in the Responsible Treatment of Cultural Collections and the Resulting Lessons Learned

8:45  Stephanie Lapeyre-Montrose—Forget Me Nots: Smaller Collections Need Archaeologists Too

9:00  Elisabeth Rareshide—Legacy Collections in Public Education

9:15  Hugh Radde—Understanding Island Tongva Villages: Results from the Catalina Island Museum's Toyon Collection

9:30  Monica Corpuz—Unearthing the Mysteries of the Frank Palmer Archaeology Collections

9:45  Mario Borrero—Forgotten Finds: Updating Existing Collections for Modern Research

10:00 Carol Plannette—It Takes a Village to Curate Burro Flats

10:15 Margarita Villarreal, Lindsay Jacoby and Karimah Richardson—An Exploration into a New Method of Skeletal Inventory in a Curatorial Setting

10:30 Austin Ringelstein—Turning "Crisis" into Opportunity: Rediscovering and Reconnecting with a Colonial Era California Collection

10:45 John Foster—Examination of an Archaeological Legacy Collection from San Fernando Mission, California

11:00 Barbara Tejada—A "Lost" Collection Makes Its Way Home: The Long Road of the Lost Village of Encino

11:15 Stephen Nash—Discussant

11:30 James Snead—Discussant

SYMPOSIUM: NOSE TO TAIL: AN INTERDISCIPLINARY LOOK AT DOGS IN THE PAST

Room: Union Square 14
Time: 8:00 AM - 11:45 AM
Chairs: Angela Perri and Chelsea Smith

Participants:

8:00  Mietje Germonpré, Sergey Fedorov, Mikhail V. Sablin, Martina Láznicková-Galetová and Robert J. Losey—Palaeolithic Dogs in Europe and Siberia

8:15  Pat Shipman—The Paleolithic Domestic Dog Hypothesis

8:30  Sarah Brown, Christyann Darwent and Ben Sacks—Next-Generation Sequencing Unravels the Relationship of Paleoeskimo and Thule Dogs from the North American Arctic

8:45  Chelsea Smith—Investigating Genetic Structure and Dietary Ecology through Ancient DNA and Stable Isotopic Analysis of
Thursday Morning, April 16

Prehistoric Dogs from San Nicolas Island, California
9:00 Greger Larson, Keith Dobney, Anna Linderholm, Allowen Evin and Thomas Cucchi—Paleo-Population Genomics as a Means to Understand the History of Dog Domestication

Clive Wynne—Insights into Dog Domestication from Psychological Studies on Dog and Wolf Behavior
9:30 Anna Kukekova, Jennifer Johnson, Anastasiya Kharlamova, Rimma Gulevich and Lyudmila Trut—Genetics of Behavior in Fox Model of Animal Domestication

Questions and Answers
10:00 Luis Pacheco-Cobos and Bruce Winterhalder—Economic Benefits of Hunting Dogs in the Context of Tropical Horticulture

Angela Perri—Dogs as Weapon Technology: Their Role in Prehistoric Hunting Groups
10:30 Chris Widga and Dennis Lawler—The Earliest Domesticated Dogs in the Midcontinent: Chronology, Morphology, and Paleopathology

Robert Losey—Living with People can be Bad for your Health: Tooth Loss and Trauma in Northern Wolves and Dogs
11:00 Erica Hill—Thinking through Dogs in the Arctic

Pam Crabtree—Beyond Bones: Non-Faunal Evidence for the Role of Dogs in Anglo-Saxon Society
11:30 Melanie Fillios—Do Dingoes Hold the Key to Understanding Human Behavioural Change in Ancient Australia?

SYMPOSIUM AARCHOLOGICAL STEWARDSHIP AND SCIENCE IN THE NATIONAL PARK SERVICE
Room: Continental Parlor 1
Time: 8:00 AM - 11:45 AM
Chair: Anne Vawser

Participants:
8:00 James Kendrick—Recent Archaeological Studies in National Parks of the Northeast Region
8:15 Elizabeth Rupp—The Promise and Pitfalls of Geophysical Survey at Valley Forge NHP
8:30 Stephen Potter and John Bedell—Searching for King Opessa's Shawnee Town in the Mountains of Maryland
8:45 David Morgan, Dave Conlin and Charles Lawson—The Intersection at Biscayne National Park of Looting as a Traditional Form of Recreation, Submerged Cultural Resources, and Management Practice
9:00 Timothy Schilling—Challenges and Opportunities of Archeology
9:15 Erin Dempsey—Losing Ground but Gaining Data: Erosion and Archeology in Badlands Parks

9:30 Anne Vawser, Tim Schilling, Ashley Barnett, Allison Young and Michael Schumacher—Where the Buffalo Still Roam: Archeology of a Buffalo Jump and Prehistoric Village Site at Wind Cave National Park

9:45 Questions and Answers

10:00 Jay Sturdevant, Brenda Todd, Wendy Ross and Craig Hansen—Preservation Practice at Knife River Indian Villages National Historic Site: Using New Planning Frameworks to Identify and Address Impacts to an Archeological Landscape

10:15 Staffan Peterson and Daniel Eakin—Archeology of the Nez Perce War of 1877 in Yellowstone National Park, WY.

10:30 Richard Greene and Steve Baumann—The Distinctive Archaeological Landscape of the El Malpais National Monument Lava Flows

10:45 Matthew Guebard—Developing New Interpretations from Old Data at Montezuma Castle National Monument, Arizona

11:00 Wanda Raschkow—Mystery in Grapevine Canyon: Gender and Ethnicity in a Historic Period Site

11:15 Jennifer Pederson Weinberger—Overview of Archaeological Research in the NPS Alaska Region

11:30 Robert Bryson—Discussant

Room: Yosemite A
Time: 8:00 AM - 11:45 AM
Chairs: Donna Gillette and Thomas Sanders

Participants:
8:00 Donna Gillette—The Sacred and the sacred
8:15 Patricia Emerson—Defining Sacred
8:30 Howard Vogel—The Clash of Stories at Sacred Sites: Reframing the Task of Protecting Indigenous Sites
8:45 Christopher (Toby) McLeod—Standing on Sacred Ground
9:00 John Soderberg—The intersection of the sacred and the everyday in medieval Ireland
9:15 Gabriel Cooney—Encountering the Sacred in the Everyday; from Prehistory to the Present
9:30 Robert David—The Landscape of Klamath Basin Rock Art
9:45 Thomas Sanders—The Hindquarters of God, Seeing the
Sacred in a Landscape
10:00 Brian Hoffman, Chelsea Starke, Forest Seaberg-Wood, Kevin Reider and Liesl Weber Darnell—Inyan: Towards Understanding Sioux Quartzite and a Sacred Landscape
10:15 Jewel Gentry—Marking the Sacred: Reading between the Abraded Lines of Mission San Miguel the Arcángel
10:30 Breck Parkman—Sacrifice, Litter, and Loss: The Archaeology of the Recent Past atop a Sacred Island in the Sky
10:45 Teresa Saltzman—Issues Involved in the Recording and Protection of a Previously Unknown Rock Art Site in Northern California
11:00 James Jones—Indigenous Cultural Resource Ceremonies
11:15 Cory Wilkins—Archaeological Preservation
11:30 Larry Zimmerman—Discussant

[31] SYMPOSIUM FROM FORAGERS TO EMPIRES: RECENT RESEARCH ON THE SOUTH COAST OF PERU
Room: Plaza A
Time: 8:00 AM - 12:00 PM
Chair: Kevin Vaughn

Participants:
8:00 Kevin Lane, David Beresford-Jones, Alexander Pullen, Charles French and Susana Arce—Investigations At the Mouth Of the Rio Ica, Peru: A Preceramic Record Of Rich Seas, Fog Meadows, Incipient Agriculture and Shorelines
8:15 Christina Conlee—Early Maize on the South Coast?
8:30 Hermann Gorbahn—Pernil Alto—A Preceramic Horticulturalist Village in Palpa, Southern Peru
8:45 Elsa Tomasto-Cagigao and Peters Ann—The Body and the Ancestor: Comparing Evidence Of Individual Biograph and Social Representation At Paracas Necropolis
9:00 Johny Isla and Markus Reindel—Un nuevo patrón arquitectónico de la cultura Paracas en la sierra sur del Perú
9:15 Stefanie Bautista—Towards an Understanding of the Transition from Paracas to Nasca from a Household Perspective: Interpreting Changes in Ceramic Consumption at Uchuchuma
9:30 Masato Sakai, Jorge Olano, Yoichi Watanabe and Kaoru Honda—Nasca Lines, Ceramic Sherds, and Social Changes: Recent Investigation at the Nasca Pampas, Southern Coast of Peru.
10:00 Meghan Tierney—The Human/Animal Continuum in Nasca Sculptural Ceramics (c. 1-450)
Thursday Morning, April 16

10:15 Matt Edwards—Ni la costa ni la sierra: The Archaeology of the Upper Nasca River Basin
10:30 Kevin Vaughn, Michiel Zegarra and Beth Grávalos—The 2014 Excavations at Cerro Tortolita, an Early Intermediate Period Ceremonial Center in the Upper Ica Valley.
10:45 Marie Gravalos and Kevin Vaughn—LA-ICP-MS Analysis of Nasca Ceramics from the Residential Sector at Cerro Tortolita, Ica, Peru
11:00 Verity Whalen, Corina Kellner, Alejandra Figueroa Flores and Deborah Spivak—A Second Room of the Posts? Ceremonialism at La Marcha during Late Nasca and the Middle Horizon
11:15 Sarah Kerchusky—Investigations of Nasca-Wari Interaction and Imperial Expansion during the Middle Horizon: A View from the Las Trancas Valley, Nasca, Peru
11:30 Maria Fernanda Boza Cuadros—Building Control: Architecture and the Regulation of daily Life in Eighteenth Century Santa Cruz de Lancha, Peru
11:45 Brendan Weaver—Connecting the Pre-Columbian Past to the Present in South Coastal Peru: The Archaeology of the Colonial and Republican Haciendas of Nasca

[32] SYMPOSIUM • RE-EVALUATING THE MARGINALITY OF CALIFORNIA’S ISLANDS: IMPLICATIONS FOR ARCHAEOLOGICAL INTERPRETATION
Room: Franciscan CD
Time: 8:00 AM - 12:00 PM
Chairs: Kristina Gill and Mikael Fauvelle

Participants:
8:00 Todd Braje—Defining Marginality Under Shifting Baselines: Historical Transformations of California’s Channel Island Ecosystems
8:15 Kristina Gill and Kristin Hoppa—Gathering Evidence: Terrestrial Plant Resources of California’s Islands
8:30 Mikael Fauvelle and Andrew Somerville—Calories, Canoes, and Cross-Channel Trade: Exploring the Efficiency of Maritime Subsistence Exchange
8:45 Michael Glassow and Jennifer Perry—Importation of Deer Bone to the Channel Islands, California, during the Middle Holocene
9:00 Jon Erlandson, René Vellanoweth, Torben Rick and Nicholas Jew—Toolstone Sources off the Pacific Coast of Alta California: Implications for Evaluating the Marginality of Islands through Space and Time
9:15  Amira Ainis, Kristina Gill, Jon Erlandson, René Vellanoweth and Kristin Hoppa—Perishable but Not Forgotten: The Potential Use of Seaweeds on California’s Channel Islands
9:30  Terry Joslin—Fishing and Ecological Resilience on California’s Channel Islands
9:45  Emily Whistler, Amira Ainis and Rene Vellanoweth—Making Ancient Birds Sing: Avian Archaeology on the California Channel Islands.
10:00 Christopher Jazwa, Lorne Leonard, Chris Duffy and Douglas Kennett—Freshwater Availability and Prehistoric Settlement Patterns on California’s Northern Channel Islands
10:15 Amy Gusick and Jon Erlandson—Why Did Paleoceanal People Settle California’s Islands?
10:30 Jeanne Arnold—It Takes a Village: Mainland and Channel Islands Population (Labor) Resources through Time
10:45 Queeny Lapeña, Jessica Morales and René Vellanoweth—The Distribution and Chronology of Abalone Middens on the California Channel Islands
11:00 Lynn Gamble and Brian Barbier—Household Archaeology on the Northern Channel Islands of the Santa Barbara Coast, California
11:15 Matthew Des Lauriers and Danny Sosa—The Assumption of Insular Marginality: The Curious Case of Isla Cedros, Baja California
11:30 Terry Jones—Discussant
11:45 Scott Fitzpatrick—Discussant

[33] SYMPOSIUM Cognitve Archaeology
Room: Yosemite C
Time: 8:00 AM - 12:00 PM
Chairs: Lana Ruck and Natalie Uomini
Participants:
8:00  Kathleen Gibson—Primates, Developmental Psychology, and the Birth of Cognitive Archaeology
8:15  Thomas Wynn—The Handaxe Aesthetic
8:30  Emiliano Bruner—Visuospatial Integration: Perspective in Cognitive Archaeology
8:45  Frederick Coolidge—Higher Cognitive Sequelae of the Recently Expanded Parietal Lobes in Homo sapiens
9:00  Karenleigh Overmann—Numbers and Time: The Role of Materiality in Numerical Cognition
9:15  Erella Hovers and Anna Beffer-Cohen—Prehistoric
Perspectives on ‘Others’ and ‘Strangers’
9:30 Questions and Answers
9:45 Ceri Shipton, Antoine Muller, Chris Clarkson, Richard Jennings and Mike Petraglia—Hominin Cognition Across the Acheulean to Middle Palaeolithic Transition
10:00 Nada Khreisheh—Learning to Think: Using Experimental Flintknapping to Interpret Prehistoric Cognition
10:30 P. Schoenemann and Lindsey Kitchell—Handedness and the Evolution of Tool Use in Humans
10:45 Lana Ruck—Determining Hominid Handedness in Lithic Debitage: A Review of Current Methodologies
11:00 Dietrich Stout—Stone Tool-Making and the Right Cerebral Hemisphere
11:15 Robert Mahaney—Finding the Cognitive Neurocognitive Core of Paleolithic Stoneknapping: An ALE Meta-Analysis
11:30 Georg Meyer and Natalie Uomini—Using Neuroimaging in Archaeology to investigate Cognitive Evolution
11:45 Questions and Answers

SYMPOSIUM ■ ARCHAEOLOGIES BY COMMUNITY MANDATE: PRACTICING COLLABORATIVE AND COMMUNITY-ENGAGED RESEARCH
(Sponsored by Indigenous People’s Interest Group and Committee on Native American Relations)
Room: Continental Ballroom 4
Time: 8:00 AM - 12:00 PM
Chairs: Heather Atherton, Jun Sunseri and Charlotte Sunseri

Participants:
8:00 Charlotte Sunseri, Jun Sunseri and Heather Atherton—Archaeologies by Community Mandate: Who Makes the Call?
8:15 Annelise Morris—Materializing the Momentary: Community Engagement through Ethnographic Practice
8:30 Kelly Britt—Mandating Community Archaeology: Using Law to Bridge the Gap between Public Outreach and Community Engagement
8:45 Jessica MacLean—Community Entanglements: Archaeology, Heritage, and Community Partnership at the Little Bay Plantation, Montserrat, West Indies
9:00 Peter Nelson—Engaged Research, Management and Planning
at Tolay Lake Regional Park

9:15  Stephen Silliman and Katherine Sebastian Dring—Taking and Giving: Finding the Balance in Community Archaeology

9:30  Lindsay Montgomery—From Consultation to Collaboration: Expanding the Scope of Archaeology’s Engagement with Indigenous People

9:45  Michael Adler—Practicing Community Archaeology and Present Communities of Practice in Archaeology: A Southwestern Perspective

10:00  Johannes Loubser—More than Mere Dots on a Map: Archaeological Sites among Venda-Speaking Communities of the Soupansberg

10:15  J. Bremer and Anne Baldwin—Evolving Histories and Changing Archaeologies on the Santa Fe National Forest

10:30  Peter Mills—Close to Home: Bringing Heritage Management Graduate Programs to Descendant Communities

10:45  Ora Marek-Martinez—Archaeology?! Yadilah! Collaborative Archaeology and Lessons from the Navajo Nation

11:00  Deborah Huntley, Suzanne Eckert and Karen Schollmeyer—Finding the Balance: Case Studies in Collaboration and Community Engagement from the American Southwest

11:15  Bonnie Clark—The Good, the Bad, and the Awkward: The Archaeology Open House as Heritage Process

11:30  Joe Watkins—Discussant

11:45  Sonya Atalay—Discussant

[35]  SYMPOSIUM THE FRISON INSTITUTE/GEARCHEOLOGY INTEREST GROUP SYMPOSIUM: ARCHAEOLOGY AND GEOARCHAEOLOGY OF ROCKSHELTERS AND CAVES (Sponsored by The Frison Institute/Geoarchaeology Interest Group)

Room: Continental Ballroom 6

Time: 8:00 AM - 12:00 PM

Chairs: Robert Kelly, Nicolas Naudinot and Matthew Rowe

Participants:

8:00  Brian Andrews, Metin Eren, Susan Mentzer and David Meltzer—Goodson Shelter: Recent Excavations at a Newly Discovered Deeply Stratified Rockshelter in Northeastern Oklahoma

8:15  Geoffrey Smith, Madeline Van der Woort and Aaron Ollivier—The Pre-Mazama Occupation of the LSP-1 Rockshelter, Warner Valley, Oregon
8:30  Patrick O'Grady, Joe Collins, Michael Rondeau and Scott Thomas—Near and Far: Spatial Relationships of Inter- and Intra-Site Artifacts at Rimrock Draw Rockshelter (35HA3855), Harney County, Oregon.

8:45  Paul Goldberg, Vera Aldeias, Dennis Sandgathe, Alain Turq and Laurent Bruxelles—Aspects of Site Formation Processes at the Paleolithic Site of La Ferrassie (Dordogne), France

9:00  Nicolas Naudinot and Grégor Marchand—Take Shelter! The Contributions of Rock-Shelter Archaeology to Understanding the Socio-Economic Organization of Final Paleolithic/Mesolithic societies in Western France

9:15  Marc Jarry, François Bon, Laurent Bruxelles, Céline Pallier and Lars Anderson—Aurignacian(s) in the Mas d'Azil Cave (Ariège, Pyrénées, France)

9:30  Roxana Cattaneo and Andres Dario Izeta—Rethinking Deodoro Roca Rockshelter (Ongamira, Córdoba, Argentina). Seventy Years of Archaeological Ideas

9:45  Charles Kolb—Tales from Three Caves and a Rockshelter in Balkh Province, Northern Afghanistan

10:00 Judson Finley and Matthew Rowe—Rockshelters as Late Quaternary Geoarchaeological Records in the Bighorn Mountains, Wyoming

10:15 Matthew Rowe and Judson Finley—Rockshelters in the Bighorn Basin, Wyoming; Environment, Ecology, and Landuse Patterns

10:30 James Enloe—Rockshelters and Farming Villages: Complementary Seasonal Occupations at Woodpecker Cave

10:45 Edward Herrmann and Matthew Rowe—The Rockhouse Hollow Rockshelter, Ohio River Valley

11:00 Justin Carlson and George Crothers—Anthropogenic Fire Management and Changing Land-Use Strategies in the Mammoth Cave Plateau and Sinkhole Plain, Central Kentucky, USA

11:15 Theodore Marks—Two Rockshelters in the Namib: Land Use, Site Use, and Risk over the Middle to Later Stone Age Transition in Southwestern Africa

11:30 Christopher Ames and Benjamin Collins—Revisiting Grassridge Rockshelter in the Eastern Cape Province of South Africa: Results of the 2014 Field Season

11:45 Ryan Breslawski and David Byers—Controlling for Carnivores and Shaft Fragmentation in Skeletal Element Analysis: Some Insights from Southern Idaho Cave Deposits
**Symposium: Difference in Archaeological Theory and Practice**

**Room:** Union Square 21  
**Time:** 8:15 AM - 11:30 AM  
**Chairs:** Roland Fletcher and John Papadopoulos

**Participants:**
- **8:15** Roland Fletcher—Difference, Non-Correspondence and the Material Contexts of Sociality
- **8:30** Robert Drennan, Adam Berrey and Christian Peterson—Elite Ambitions, Public Works, and Political Consolidation: A Comparative View
- **8:45** Dan Penny and Tegan Hall—The Demise of Angkor: Infrastructural Inertia and Climatic Instability
- **9:00** Lisa Lucero—Climate Change, Dissonance and Urban Diaspora in the Southern Maya Lowlands
- **9:15** Rachael Lane—Difference Theory and the Relevance of the Archaeological Past to the Present
- **9:30** Ian Morris—Discussant
- **9:45** John Papadopoulos—Difference in Archaeology Theory and Practice: The Case of Classical Greece
- **10:00** Peta Longhurst—Difference in the Archaeology of Institutions
- **10:15** Christophe Pottier—Insights from Difference: Text and Archaeology in Angkor
- **10:30** Mary Beaudry—Discourse and Dissonance in the Archaeological Archive
- **10:45** Willeke Wendrich—Concurrences and Discrepancies in Ancient Egypt
- **11:00** Anders Andrén—The Otherness of Objects? The Material Turn and Historical Archaeology
- **11:15** Norman Yoffee—Discussant

**Symposium: The Qijia Culture of Northwest China—Entering a New Era of Research**

**Room:** Union Square 13  
**Time:** 8:15 AM - 12:00 PM  
**Chair:** Rowan Flad

**Participants:**
- **8:15** Rowan Flad, Andrew Womack, Yitzchak Jaffee and Jing Zhou—New Research at Qijiaping
- **8:30** Andrew Womack—The Cemetery at Qijiaping: New Insights into the Production and Use of Ceramics Vessels
- **8:45** Xiaohong Wu—Radiocarbon Dating of Qijiaping site in Gansu
Thursday Morning, April 16

Province, China

9:00  Rita Dal Martello—Rethinking Burial Practice in Qijia Culture

9:15  Christine Lee—Preliminary Bioarchaeological Analysis of the
      Qijia Culture Mogou Site (2400–1900 BCE), Gansu Province,
      China

9:30  Hua Wang, Ruilin Mao and Hui Wang—Ritual Animal Use of
      "Qijia Cultural," Evidence from Mogou Cemetery, Lintan County,
      Gansu Province, China

9:45  David Fargo, Maolin Ye and Yin Lam—Early Bronze Age
      Animal Use at Lajia, a Qijia Culture Site in Qinghai Province,
      China

10:00 Questions and Answers

10:15 XiaoLi Qin—Turquoise Ornaments and Inlays Technology in
      Qijia Culture—A Comparative Study of Qijia Culture and Erlitou
      Culture

10:30 Ariel O'Connor and Katherine Eremin—A Technical Study of
      Casting and Inlay on Chinese Ceremonial Weapons at the
      Harvard Art Museums

10:45 Minmin Ma, Guanghui Dong, Hui Wang and Fahu Chen—
      Dietary Shift and Cultural Evolution Relation to Intercontinental
      Cultural Exchanges and Climate Change in the Hehuang and
      Contiguous Regions, Northwest China ~3600 Years Ago:
      Evidence from Carbon and Nitrogen Stable Isotopic Analysis

11:00 Weimiao Dong and Guanghui Dong—Cereal Cultivation Shift
      during Qijia Culture Period in Gansu and Qinghai Province, NW
      China: Archaeobotanic Evidence

11:15 Hui Wang—The Evolution of the Qijia Culture and its Contacts
      with Other Cultures

11:30 Louisa Fitzgerald-Huber—Discussant

11:45 Shuicheng Li—Discussant

[38] **SYMPOSIUM** **THE MANAGED MOSAIC: PAPERS IN HONOR OF SCOTT L. FEDICK**

**Room:** Golden Gate 2  
**Time:** 8:30 AM - 11:30 AM  
**Chair:** Kathryn Sorensen

**Participants:**

8:30  Nicholas Hearth—A Forgotten Facet of Fedick: Scott's
      Contributions to Maya Lithics Research

8:45  Darcy Wiewall—Peopling the Landscape: Scott Fedick and His
      Contributions to Household Subsistence Strategies

9:00  John Gust—Debt Peonage and Free Labor: Post–Caste War
Sites in Northern Quintana Roo and Western Belize

9:15 Bethany Morrison—Beyond the Death March: Scott Fedick’s Legacy as a Field School Director

9:30 Lucia Gudiel—An Ethnoarchaeological Approach to Understanding the Role of Root-crops in Ancient Lowland Maya Subsistence

9:45 Shanti Morell-Hart—Fedickschrift: Notes on a Prominent Historical Figure in Ethnoecology, Ethnoarchaeology, and Landscape Studies

10:00 Daniel Leonard and Jennifer Chmilar—Fedick-ian Approaches to Wetland Studies: Rock Alignments, Resilience, and the Pulse-Based Ecosystem

10:15 Lance Wollwage—Scott’s Snails: Freshwater and Wetland Gastropods as Indicators of Environmental Change in the Yalahau Region, Quintana Roo, Mexico

10:30 Anna Hoover—Preparing for the Future through Rock Mounds and Research

10:45 Jeffrey Glover and Dominique Rissolo—Exploring the Coastal Mosaic of Northern Quintana Roo: The Proyecto Costa Escondida and Scott L. Fedick’s Continuing Legacy in the Northern Maya Lowlands

11:00 Jennifer Mathews and Kathy Sorensen—Has Anyone Heard from Scott Fedick?

11:15 Anabel Ford—Discussant

Room: Continental Ballroom 5
Time: 8:30 AM - 11:30 AM
Chair: Cynthia Kristan-Graham

Participants:
8:30 John Pohl—Discussant

8:45 Marcus Winter, Robert Markens and Cira Martínez López—The Epiclassic in Oaxaca (600–900 CE)

9:00 Christopher Beekman—Western Mexico: Opening Act of the Mesoamerican Epiclassic

9:15 Natalia Moragas Segura—Talking about Epiclassic at Teotihuacan: the urban question

9:30 Javier Urcid—Teotihuacan and post-Teotihuacan Writing in the Central Highlands as seen from NW Oaxaca and Southern Puebla

9:45 Mario Martínez Lara—The Presence of Teotihuacan’s
Program of the 80th Annual Meeting

Thursday Morning, April 16

Iconography at Cacaxtla, Tlaxcala: A Reflection on Its Interpretations
10:00 Questions and Answers
10:15 Juliette Testard—Women, Metaphors of Alterity. Expressing Elites Interactions at Cacaxtla-Xochitecatl (Tlaxcala) and Xochicalco (Morelos)
10:45 Rex Koontz—Patterns of Elite Self-Presentation in North-Central Veracruz, Middle to Epiclassic Periods
11:00 Keith Jordan—From Tula Chico t Chichenitza: Implications of the Epiclassic Sculpture of Tula for the Nature and Timing of Tula-Chichen Contact
11:15 Dan Healan—Discussant

SYMPOSIUM: HUMAN ADAPTATIONS TO ENVIRONMENTAL CHANGE DURING THE TERMINAL PLEISTOCENE AND EARLY HOLOCENE - PART 1

Room: Imperial Ballroom A
Time: 8:30 AM - 11:30 AM
Chair: Ivana Radovanovic

Participants:
8:30 William Banks—Culture-Environment Relationships and Heinrich Stadial 1 in Western Europe: Are Ecological Niche Shifts Implicated?
8:45 Sarah Lacy—Using Oral Health Indicators as Evidence of Environmental Instability and Subsistence Shifts in the Late Upper Paleolithic of Western Eurasia
9:00 Jennifer French—Human Responses to Late Pleistocene Environmental Change in South-Western France
9:30 Michael Jochim—A Lacustrine Revolution: Adaptive Shifts in the Late- and Postglacial of South Central Europe
9:45 Philippe Crombé and Erick Robinson—The Impact of the 9.3 Cooling Event on the Human Environment in the Southern North Sea Basin
10:00 James Phillips and Ofer Bar-Yosef—Terminal Pleistocene Foraging Societies in the Nile Valley
10:15 Ofer Bar-Yosef and James Phillips—Levantine Foragers during the Terminal Pleistocene and Early Holocene
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10:30  Leore Grosman—The Late Natufian Culture Dynamics during the Younger Dryas Event
10:45  Simon Connor, Shawn Ross, Adela Sobotkova and Ilia Iliev—Early Holocene Aridity and the First Farmers of Europe
11:00  Natalie Munro and Mary Stiner—Faunal Evidence for the Neolithic Colonization of Franchthi Cave, Greece (ca. 7000–6500 cal BC)
11:15  Questions and Answers

[41]  SYMPOSIUM  ■  THE EVOLUTION OF INTENSIVE PLANT USE BY COMPLEX HUNTER-GATHERERS: ARCHAEOBOTANICAL RECORDS FROM CALIFORNIA
Room: Golden Gate 6
Time: 9:45 AM - 12:00 PM
Chairs: Seetha Reddy and Eric Wohlgemuth
Participants:
9:45  Eric Wohlgemuth—Environmental Constraints and Plant Food Intensification in the Sacramento Valley
10:00  Heather Thakar—Evidence of Specialization and Intensification of Small Seed Exploitation on Santa Cruz Island, California
10:15  Wendy Pierce and Gary Scholze—Native Irrigation in Owens Valley: The 2000 Year Back-story
10:30  Jenna Santy—Ancient Starch Research In California: Results from CA-SBA-53
10:45  Seetha Reddy—Changes Palates and Resources: Modeling Diachronic Plant Use in Prehistoric California
11:00  Rob Cuthrell—Archaeobotanical Evidence and Diachronic Changes in Foodways of Indigenous Groups in the Central Coast and San Francisco Bay Regions, California
11:15  Kristin Hoppa and Kristina Gill—Plant Use at Diablo Valdez, Santa Cruz Island: Evidence from Macrobotanical and Starch Grain Remains
11:30  Angela Arpaia—Plant Remains Assemblage in Santa Clara Valley
11:45  Christine Hastorf—Discussant

[42]  FORUM  ■  3D MODELING AND PRINTING IN ARCHAEOLOGY: TRANSFORMATIVE INNOVATIONS/APPROPRIATIONS
(Sponsored by Sustainable Archaeology/iPINCH)
Room: Union Square 2
Time: 10:00 AM - 12:00 PM
Moderators: Neal Ferris and George Nicholas

Participants:
Maurizio Forte—Discussant
Mary Compton—Discussant
Peter Dawson—Discussant
Eric Hollinger—Discussant
Kristina Killgrove—Discussant
Heather McKillop—Discussant

SYMPOSIUM • CREATIVE PUBLIC-CENTERED APPROACHES TO COMPLIANCE ARCHAEOLOGY
(Sponsored by SAA Public Archaeology Interest Group)
Room: Golden Gate 4
Time: 10:00 AM - 12:00 PM
Chair: Christina Rieth

Participants:
10:00 Christina Rieth—Public Engagement and Compliance Archaeology in a Museum Setting
10:15 Jason Barrett, Linda Gorski, Richard Weinstein and Roger Moore—A Community Approach to Data Recovery Investigations at the Dimond Knoll Site, Harris County, Texas
10:30 Susan Chandler—Public Outreach and Pipeline Archaeology in the Western United States
10:45 John Crock—Levels of Public Engagement in Vermont Archaeology and Striving to Match Outreach with Outcomes
11:00 Elizabeth Reetz, Cynthia L. Peterson and Melody Pope—Bridging the Professional-Public Divide through Flood Recovery Compliance Archaeology at the University of Iowa
11:15 Elizabeth Horton—Connecting Communities to Place: Public Archaeology at Fort Vancouver National Historic Site
11:30 Margaret Schulz, Laurie Rush and Duane Quates—And Then Sometimes, The Public Engages You
11:45 Questions and Answers

GENERAL SESSION • HISTORICAL ARCHAEOLOGY OF PLANTATIONS AND ENSLAVED PEOPLES
Room: Union Square 25
Time: 10:15 AM - 11:45 AM
Chair: Marco Meniketti

Participants:
10:15 Marco Meniketti—Work and Models of Efficiency in Eighteenth
and Nineteenth Century Sugar Factories: A Caribbean Case Study

10:30 Clete Rooney, David Morgan and Kevin MacDonald—Archaeology of the 18th-Century French Colonial Metoyer Land Grant Site, Natchitoches, Louisiana

10:45 Todd Ahlman—Costly Signaling, Risk Management, and Network Creation: Commodity Production and Exchange in the Historic Caribbean

11:00 Alicia Odewale—Opposing Views in African-American Archaeology: Use of Resistance or Risk Management to Explain Cultural Material of the Enslaved

11:15 Lauren Maas—A Comparative Analysis of Decorative Ceramics and Choice at the Gregory Lincoln/HSPVA Site and the Levi Jordan Plantation Site

11:30 Amy Jordan—Alone in the Deep Blue Sea: A Comparison of Indonesian Colonial Period Nutmeg Plantations and New World Plantations

[45] SYMPOSIUM ■ NEW AND INNOVATIVE APPROACHES TO OVERSEAS CHINESE ARCHAEOLOGY
Room: Golden Gate 8
Time: 10:30 AM - 12:00 PM
Chairs: Chelsea Rose and Ryan Kennedy

Participants:
10:30 Ryan Kennedy—Plants, Animals, and Food Choice within the Market Street Chinatown, San Jose, California
10:45 Chelsea Rose—Getting Burned: Fire, Politics, and Cultural Landscapes in the American West
11:00 Molly Swords—Unearthing Sandpoint’s Chinatown: The Archaeology of Sandpoint, Idaho’s Overseas Chinese
11:30 Mary Maniery—Scraping Our Way To The Past: A Methodological Approach for Chinese Rural Work Camps
11:45 Adrian Praetzellis—Discussant

[46] GENERAL SESSION ■ ARCHAEOLOGY OF THE INCA EMPIRE
Room: Golden Gate 1
Time: 10:30 AM - 12:00 PM
Chair: Jessica Christie

Participants:
Thursday Morning, April 16

10:30 Jose Peña—The Role of the Tambo in the Inka Administration: A View from the Site of Ingatambo, Cajamarca-Jaen, Peru
10:45 Francisco Garrido—Non-State Artisan Specializations and Exchange in the Margins of the Inca Empire
11:00 Jessica Christie—Inka Border Negotiations in the North: The Canari Case in the Province of Azuay, Ecuador
11:15 Raul Zambrano and Camila Capriata—The Arrival of the Incas and its Consequences in the Transformation of the Sociopolitical Landscape of the Lower Lurin Valley
11:30 William Pratt, David Brown, Dana Anthony and Patricia Mothes—Laying the Foundations: A Unique Inka Construction Technique in the Northern Ecuadorian Highlands
11:45 Beatriz Ventura—Goods that Moved between the Forest and the Highland Andes in the Inca state. The Eastern Valleys of North Argentina

[47] GENERAL SESSION ■ ARCHAEOLOGICAL SURVEY AND LANDSCAPE ARCHAEOLOGY IN THE EUROPE, ANATOLIA, AND AFRICA
Room: Continental Parlor 3
Time: 10:30 AM - 12:00 PM
Chair: Stephen Davis
Participants:
10:45 Antonio Malpica Cuello—Paisajes agrarios en la montaña costera del reino de Granada
11:00 Omur Harmansah and Peri Johnson—Landscape Archaeology and Political Ecology in Anatolia: The Yalburt Yaylasi Project 2014 Season
11:15 Attila Gyucha, William A. Parkinson, Richard W. Yerkes and Paul R. Duffy—Long-Term Changes in Settlement Patterns and Local Land Use on the Great Hungarian Plain
11:30 Stephen Davis, Knut Rassman, Hans-Ulrich Voss, Chris Carey and Christine Markussen—Landscape-Scale Survey at the Brú na Bóinne World Heritage Site, Ireland
11:45 Brian Clark—Problems of Archaeological Site Preservation and Identification in the Highland Mountains of Ethiopia

[48] GENERAL SESSION ■ CONTRIBUTIONS TO MODELING IN ARCHAEOLOGY
Thursday Morning, April 16

Room: Golden Gate 5  
Time: 10:30 AM - 12:00 PM  
Chair: David Purcell  

Participants:  
10:30  David Purcell, Danny Sorrell, Pete Taylor, Kye Miller and Lynn Neal—Revealed by Flames: Modeling Site Distribution in Arizona’s White Mountains after the Wallow Fire  
10:45  Kong Cheong, Chris Carleton, Dan Savage, James Conolly and Gyles Iannone—Testing a Locally-Adaptive Model of Archaeological Potential (LAMAP) to Assess Ancient Maya Settlement Location and Density in Belize’s North Vaca Plateau  
11:00  Benjamin Van Alstyne and Karen Harry—Using Building Information Modeling Programs to Understand the Built Environment of the Virgin Branch Puebloan Culture  
11:15  Owen O’Leary—Predicting the Location of Human Remains on WWII Bombardment Aircraft Crash Sites  
11:30  Francisco J. Miguel Quesada, Eduardo Tapia, Débora Zurro and Jorge Caro—Agent Based Modelling on the Origins of the Sexual Division of Labor  
11:45  Matthew Harris and Grace Ziesing—Pennsylvania Predictive Model Set—Realigning Old Expectations with New Techniques in the Creation of a Statewide Archaeological Sensitivity Model

[49]  POSTER SESSION • ARCHAEOLOGY IN ASIA  
Room: Grand Ballroom A  
Time: 10:30 AM - 12:30 PM  

Participants:  
49-a  Rachel Lee—Mumun Period Households and the Rise of Inequality in Korea  
49-b  Matthew Go and Xu Zhang—Differing Methodologies in Computing for Smith’s Mean Measure of Divergence between Chinese and Western Literature  
49-c  Zhuowei Tang, Lixin Wang, Pauline Sebillaud, Duan Tian-jing and Gyoung-Ah Lee—Neolithic Development in Eastern Dongbei Region, China  
49-d  Pochan Chen—Exploring the Social Structure of Kunming Yangfutou Cemetery, Yunnan, Southwestern China  
49-e  Uthara Suvarathan—Spaces and Places: Examining Historic Maps from South Asia  
49-f  Ha Beom Kim—A Study on the Mid-to-Late Neolithic and the Early Bronze Age Agricultural Economies and their Development at Huizui Site, Yiluo Valley Region, China
Thursday Morning, April 16

49-g Chihhua Chiang—Use-Wear Analysis of the Stone Tools at the Wansan Site, a Neolithic site in Taiwan
49-h Cheng-Yi Lee, Maa-Ling Chen, Peter Ditchfield, Mark Pollard and Ching-Hua Lo—The Diet and Subsistence System of Yuan-Shan People in Taiwan
49-j Andrea Yankowski and Puangtip Kerdsap—Salt and Salt Fermented Fish in Northeast Thailand, Prehistory to the Present

[50] Poster Session: Global Historical Archaeology
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Participants:
50-a Kelly Goldberg and Kenneth G. Kelly—Exploration of Exchange Networks in Nineteenth Century Guinea
50-b Karine Lefebvre—Using Archaeological Data and Historic Documents to Reconstruct a Colonial Landscape
50-c David Tutchener—Far Northern Queensland: Cape York and Aboriginal Historical Archaeology.
50-d Hayden Bassett—Internally Divided: An Archaeological Investigation of a Jamaican Slave Village, 1766 to 1838
50-e Suzanna Pratt—Land Degradation at Betty’s Hope Historical Plantation, Antigua
50-f Helen Loney—Gender and Age in the 18th–19th Century Worcester Porcelain Industries: Relating the Results of Archaeological Research to Social History

[51] Poster Session: Archaeology of the Mediterranean Region and Classical World
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Participants:
51-a Laura Swantek—Understanding Changes in Social Complexity during the Prehistoric Bronze Age on Cyprus: A Bottom-Up Approach
51-b Hans Barnard, Brett Kaufman and Ali Drine—Overview of Two Seasons in the Roman and Neo-Punic Settlement of Zita (Zyan), Southern Tunisia
51-c Bianca Hand and P. Nick Kardulias—Hellenistic and Roman
Votive Sculptures as Markers of Foreign Influence on Cyprus

51-d James Torpy and P. Nick Kardulias—Religious and Mortuary Landscapes in Archaic Cyprus

51-e Victoria Moses—Temple, Tavern, and Table: Zooarchaeology at the Area Sacra di Sant’Omobono from the 7th century BCE to the 13th century CE

51-f Sean Bergin—Modeling the Influx of Agriculture: An Agent-Based Model Exploring Agricultural Spread Scenarios in the Western Mediterranean

**[52]** **Poster Session: Archeologies of Islands and Atolls of Oceania**

**Room:** Grand Ballroom A  
**Time:** 10:30 AM - 12:30 PM

**Participants:**

52-a Jennifer Huff—Holocene Transitions in Highland Papua New Guinea: Linking Climate Change to Changes in Subsistence and Mobility with New Models and Data

52-b Mark Golitko, Ethan Cochrane, Shaun Williams and Jason Kariwiga—Archaeological and Paleo-Environmental Investigations in the Aitape Area of Northern Papua New Guinea, 2014

52-c Adam Thompson, Aaron Poteate, Scott Fitzpatrick and William Ayres—Early Settlement of Atolls in Eastern Micronesia: Investigations on Mwoakilloa Atoll

52-d Cherie Walth—Mortuary Practices of the Pre-Latte and Latte People of Guam Based on Data from the Naton Beach Site

52-e Sean Hixon, Carl Lipo and Terry Hunt—The Colossal Hats (pukao) of Monumental Statues: An Analysis of Shape Variability among the pukao of Rapa Nui

52-f Yan Cai—Socioeconomic Change in Tikopia Household under the Perspective of Ecological Change

52-g Sophie Miller—Whose Bone is This? An Investigation into Modern Histological Methods of Species Identification with Application to Archaeological Faunal Assemblages in the Pacific

52-h Ian Takaoka and Jozie Banas—Nukubalavu 1: A Preliminary Examination of Mid-Sequence Ceramics and Culture Change on Vanua Levu, Fiji

52-i Jennifer Huebert—Anthropogenically Driven Decline and Extinction of Sapotaceae on Nuku Hiva (Marquesas Islands, East Polynesia)

52-j Matthew Cole, Matt Becker and Carl Lipo—Coastal Groundwater
Seeps on Rapa Nui

52-k  Jordan Pratt, Isabela Kott, Christopher Lee, Carl P. Lipo and Terry L. Hunt—Application of Object-Based Image Analysis of High Resolution Imagery to Identify Archaeological Features on Rapa Nui (Easter Island, Chile)

52-l  Nicole Hernandez, Julie Field, John Dudgeon and Christopher Roos—Starch and Ceramics: Dietary Transition and Technology in the Sigatoka Valley, Fiji

52-m  Tanya Zeferjahn, Michelle Baroldi, Chris Lee, Carl Lipo and Matt Becker—Rapa Nui: The Influence of Freshwater Sources on Prehistoric Settlement Distribution

52-n  Isabela Kott, Carl P. Lipo, Christopher Lee and Terry L. Hunt—Spatial Analysis of Prehistoric Garden Features on Rapa Nui (Easter Island, Chile)

[53]  **Poster Session: Paleoanthropology and the Archaeology of the Stone Age**

**Room:** Grand Ballroom A  
**Time:** 10:30 AM - 12:30 PM

**Participants:**

53-a  Somayeh Khaksar and Grant McCall—Delazian: An Open-Air Upper Paleolithic Site in Central Iran

53-b  Marc Kissel, Agustin Fuentes and Celia Deane-Drummond—The Evolution of a Distinctive Human Niche: Assessing and Describing the Development of Wisdom in the Pleistocene the Archaeological Record

53-c  Celia Goncalves, Joao Cascalheira, Mussa Raja, Omar Madime and Nuno Bicho—Mapping the Stone Age in Mozambique: Preliminary Results

53-d  Rachel Moy—Neolithic vs. Late Stone Age: The Neolithic Revolution in the Horn of Africa Reconsidered

53-e  Charles Egeland, Alexa Ubberseder and Cynthia Fadem—Recent Paleoanthropological Work at DK East, Olduvai Gorge, Tanzania

53-f  Curran Fitzgerald, Charles Egeland, Ryan Byerly, Cynthia Fadem and Audax Mabulla—Geochmical and Physical Characterization of Lithic Raw Materials in the Olduvai Basin, Tanzania

53-g  Hilary Duke and Sonia Harmand-Lewis—New Data from Old Stones: A Technological Pilot Study of Lithics from Kokiselei 6 (1.8 mya) in West Turkana, Kenya

53-h  Karisa Terry, Masami Izuho, Noriyoshi Oda, Jefftery Ferguson and Ian Buvit—Obsidian Access and Territoriality at the Upper
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Paleolithic Shimaki Site, Hokkaido, Japan
53-i Masami Izuho, Ian Buvit, Takeyuki Ueki, Gunchinsuren Byambaa and Tsogtbaatar Batmunkh—In Search of Upper Paleolithic Sites in Alluvial Contexts in the Tsukh (Chikoi) Valley, Northern Mongolia

53-j Ilaria Patania, Paul Goldberg, Xiaohong Wu, Chi Zhang and Ofer Bar-Yosef—Micromorphology and Site Formation Processes at Xianrendong Cave (South China): A Preliminary Analysis of the Late Upper Palaeolithic Layers.

53-k Anna Goldfield and Ross Booton—Modeling the Potential Effects of Cooking on Neanderthal Hunting Efficiency

53-l Naomi L. Martisius, Tamara Dogandžić, Michel Lenoir, Shannon P. McPherron and Teresa E. Steele—Neandertal Subsistence at the Late Mousterian Site of Abri Peyrony, France

53-m Rebecca Docchio and Julien Riel-Salvatore—Lithic Analysis of Late Mousterian Assemblages at Riparo Bombrini

53-n Kristen Wroth, Dan Cabanes, Paul Goldberg, Vera Aldeias and Dennis Sandgathe—Phytolith Analysis and Micromorphology of Neandertal Combustion Features at Roc de Marsal, SW France

53-o Joelle Nivens—Red and Yellow Tracks in the Aurignacian: The Spatial Distribution of Colorants at Abri Castanet (Dordogne, France)

53-p Anna Waterman, Jonathan Thomas, James Enloe and David Peate—The Influence of Prey Availability on Ice Age Hunting Strategies: Tracing Magdalenian Reindeer Migratory Patterns Using Strontium Isotope (87Sr/86Sr) Analysis of Reindeer Teeth from Verberie (Oise, France)

[54] POSTER SESSION NEW PERSPECTIVES ON THE ROMANIAN BRONZE AGE
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Chair: Colin Quinn

Participants:
54-a Colin Quinn—Decoupling Decoration and Dates: A New Absolute Chronology for the Transylvanian Middle Bronze Age

54-b Jordan Dalton and Colin Quinn—Agropastoralism in Bronze Age Transylvania: An Analysis of Faunal Assemblages from the Geoagiu and Mureș Valleys

54-c Elspeth Geiger—Investigating Wood Acquisition Strategies from Archaeological Charcoal: Implications for the Bronze Age Site of Pecica Şanţul Mare
54-d  Laura Motta and Laura Jessmore—Analysis of Plant Remains from the Bronze Age Site of Pecica Şanţul Mare
54-e  Polly Burnette-Egan—Middle Bronze Age Animal Economies: Transitions at Pecica Santul Mare (Romania)

[55]  POSTER SESSION  MULTIDISCIPLINARY STUDIES OF ANTHROPOGENIC CHANGE, SUBSISTENCE, SOCIAL ORGANIZATION, REGIONAL INTERACTION, AND TECHNOLOGY AT THE LAS CAPAS SITE, BC 1200-400, SOUTHERN ARIZONA
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Chairs: Michael Diehl and James Heidke

Participants:
55-a  Jenny Adams—Exploring Early Agricultural Technological Traditions at Las Capas with Experiments
55-b  Michael Diehl—Farmaging and the Limitations of Storage during the Early Agricultural Period at Las Capas
55-c  Jeffrey Homburg, Fred Nials and James Vint—Anthropogenic Effects on Soil Quality of the Las Capas Irrigation System
55-d  James Vint—Refinement of Early Agricultural Site Chronology in the Tucson Basin
55-e  James Watson and Rachael Byrd—Bioarchaeology at Las Capas: Uniformity and Continuity within the Early Agricultural Period
55-f  James Heidke—Figurines and Farmagers
55-g  Christine Lange—The Use of Shell Ornaments at Las Capas, an Early Agricultural Site in Southern Arizona
55-h  Chad Yost—Phytolith Analysis of Sediments from Early Agricultural Fields at Las Capas, Arizona
55-i  Manuel Palacios-Fest, James Vint, Fred Nials, David Dettman and Dirk Baron—Environmental History of an Early Agricultural Period Irrigation Canals Network at Las Capas (Site AZ AA:12:753 [ASM]), Tucson, Arizona
55-j  Jane Sliva—Who Goes There? Tracing San Pedro Phase Migration and Social Dynamics in the Borderlands with a Revised Projectile Point Typology
55-k  Jenny Waters and Janet Griffitts—Vertebrate Faunal Assemblages and Bone Tool Use in the Early Agricultural Period
55-l  Fred Nials—Agriculture at Las Capas: Tales Told by the Canals

[56]  SYMPOSIUM  PHOTONS IN THE FIELD: NEW APPROACHES TO THE
USE OF PORTABLE X-RAY FLUORESCENCE (pXRF) IN ARCHAEOLOGICAL FIELDWORK
Room: Continental Ballroom Parlor 7
Time: 10:45 AM - 12:00 PM
Chairs: Mark Horton and Charlotte Goudge
Participants:
10:45  Mark Horton—Ethics and In-situ Science
11:00  Charlotte Goudge—The Copper Trade of Hatteras Island
11:15  Alexis Ohman—Exploration in Portable X-ray Fluorescence (pXRF) Applications to Zooarchaeology
11:30  Madeleine Gunter, Nathan Goodale, David Bailey, Ian Kuijt and Ryan Lash—Interpreting Ecclesiastical Mobility: A pXRF Study of Medieval Gravestones in Ireland
11:45  Cory Look, Erin Friedman, Matthew Brown and Reg Murphy—Indian Creek Revisited: The Use of Portable X-ray Fluorescence (pXRF) Soil Analysis to Characterize Areas without Artifacts

[57] SYMPOSIUM ■ CONFLICT AND SOCIETY IN VIKING AGE SCANDINAVIA
Room: Yosemite B
Time: 11:00 AM - 12:00 PM
Chair: Ben Raffield
Participants:
11:00  Frands Herschend—In Search of Something Better
11:15  Ben Raffield, Neil Price and Mark Collard—The 'Bare Branches' of Scandinavian Society and the Origins of Viking Raiding
11:45  Neil Price—Pirates of the North Sea? The Viking Ship as Political Space

[58] GENERAL SESSION ■ NEW METHODS IN ARCHAEOMETRY IN MESOAMERICA
Room: Continental Parlor 2
Time: 11:00 AM - 12:00 PM
Chair: Edgar Leal Hernandez
Participants:
11:00  Tawny Tibbits, Ellie Harrison-Buck and Terry Powis—Granite and pXRF: An Experimental Approach to Nondestructive Sourcing of Ground Stone Tools
11:15 Edgar Leal Hernandez, Luis J. Venegas de la Torre and Mario Zimmermann—Chemical Residue and Microbotanical Analyses in the Royal Kitchen at Kabah, Yucatan

11:30 Ludo Snijders and Tim Zaman—Colorful Pictures: Understanding the Material of the Mesoamerican Precolonial Codices

11:45 Adam Sellen—Using X-Radiography to Reveal an Ancient Zapotec Urn

SYMPOSIUM "DIY DIGITECH" IN ARCHAEOLOGICAL FIELDWORK: INNOVATIVE ADAPTATIONS OF LOW(ER)-BUDGET DIGITAL TECHNOLOGIES
Room: Golden Gate 7
Time: 11:15 AM - 12:00 PM
Chair: Miriam Kolar

Participants:
11:15 Eric Poehler—From Invention to Methodology: The Overlooked "DIY" in Everyday Archaeology
11:30 Benjamin Crowther and Eric Poehler—The Impact of Low-Cost, Low-Tech DIY Approaches at the Pompeii Quadriporticus Project
11:45 Miriam Kolar—DIY Digital Archaeoacoustics: Sensory-Spatial Mapping

GENERAL SESSION ARCHAEOLOGY OF THE MOCHE
Room: Continental Ballroom Parlor 8
Time: 11:15 AM - 12:00 PM
Chair: Sally Lynch

Participants:
11:15 Aleksa Alaica—Companions or Counterparts: Considering the Role of Animal Depictions in Moche Ceramics from Northern Peru
11:30 Sally Lynch—A Study of Fineline Iconographic Depictions at the Late Moche site of Huaca Colorada, in the Jequetepeque Valley, Peru
11:45 Julio Saldaña and Luis Jaime Castillo Butters—Is it a Priestess? Preliminary Analysis of the Excavations of a Late Moche Chamber Tomb from San Jose de Moro, North Coast of Peru
Thursday Afternoon □ April 16, 2015

[61A]  **THE ETHICS BOWL**
Room: Continental Ballroom Parlor 8
Time: 1:00 PM - 3:00 PM

[61]  **GENERAL SESSION □ ZOOARCHAEOLOGY, DIET, AND FOODWAYS AT HISTORIC PERIOD SITES**
Room: Continental Parlor 3
Time: 1:00 PM - 1:45 PM
Chair: Jessica Watson

Participants:
1:00 Nicole Mathwich—Beyond the Mission Walls: Faunal Analysis of an Alta California Mission Ranchería Feature
1:15 Sarah Sportman—“Unsavory the Qualities of that Soup”: Diet and Foodways at Old New-Gate Prison and Copper Mine, East Granby, Connecticut, 1790–1819
1:30 Jessica Watson, Nathan Hamilton and Robin Hadlock Seeley—Historic Use of Native Avifauna during the Hotel Era (1847–1914) on the Isles of Shoals, Maine

[62]  **SYMPOSIUM □ ONE OF CALIFORNIA’S EARLIEST VISITORS: THE DISCOVERY OF TRANSBAY MAN**
*(Sponsored by William Self Associates)*
Room: Golden Gate 2
Time: 1:00 PM - 2:00 PM
Chairs: James Allan and Aimee Arrigoni

Participants:
1:00 Jack Meyer—Holocene Transformation of San Francisco Bay and Transbay Man Site Stratigraphy
1:15 Christina Alonso—Health and Mortuary Analysis of the Transbay skeleton
1:30 R. Varney, Linda Scott Cummings, Peter Kovácik and Barbara Winsborough—A Burial in the Bay: Evidence for Environment and Diet 7500 Years Ago
1:45 Heather Price—Discussant

[63]  **SYMPOSIUM □ PROPER ID REQUIRED: DIFFICULTIES IN DISCERNING PAST IDENTITIES**
Room: Golden Gate 4
Time: 1:00 PM - 2:15 PM  
Chairs: Kathryn Whalen, Erin McDonald and Jennifer Shaffer Foster 
Participants:
1:00  Jennifer Shaffer Foster and T.L. Thurston—The Trip of a Lifetime: Archaeology, Tourism, and Irish-American Identity
1:15  Joshua Heath and David Witt—Reshaping Identities through the Destruction of Artifacts
1:30  Erin McDonald—Re-Use and Recycle: The Various Lives of Prehistoric Monuments
1:45  Kathryn Whalen—Be Our Guest: Tablescapes in Early Modern Ulster
2:00  Britta Spaulding—The Redneck vs. The Humble Farmer: How Popular Imagination Influences Studies on Rural Identity

[64] GENERAL SESSION ■ ARCHAEOLOGY OF THE PALEOLITHIC IN ISRAEL AND JORDAN
Room: Union Square 1  
Time: 1:00 PM - 2:15 PM  
Chair: Deborah Olszewski
Participants:
1:00  Bridget Alex, Omry Barzilai and Elisabetta Boaretto—Chronology of Ahmarian and Levantine Aurignacian Occupations of Manot Cave, Israel
1:15  Michael Bisson—Technological, Typological and Forensic Analysis of the Small Finds from the Early Middle Paleolithic Beds at Tabun Cave, Israel
1:30  Deborah Olszewski, Maysoon al-Nahar, Daniel Schyle and Brian Byrd—Wadi Madamagh, Western Highlands of Jordan: Lithic Evidence from the Late Upper Paleolithic and Early Epipaleolithic Occupations
1:45  Ravid Ekshtain, Erella Hovers, Shimon Ilani and Irina Segal—The Use of Geochemical Analysis and Visual Methods for Understanding Raw Material Acquisition around Amud Cave, Israel
2:00  April Nowell and Daniel Stueber—Good Things Come in Small Packages: Acheulian Small Tool Assemblages from the Shishan Marsh site (Jordan)

[65] SYMPOSIUM ■ IT WAS THE BEST OF TIMES, IT WAS THE WORST OF TIMES: MOBILITY AND SUBSISTENCE IN A TALE OF TWO SITES IN THE
Thursday Afternoon, April 16

**SMITH RIVER BASIN OF NORTHWESTERN CALIFORNIA**

**Room:** Golden Gate 6  
**Time:** 1:00 PM - 2:30 PM  
**Chair:** Kevin Gilmore

**Participants:**

1:00  Kevin Gilmore—Excavations at the Hurdy Gurdy Bridge Site (CA-DNO-1028), a Multicomponent Habitation Site in Northwest California

1:15  Jonathan Hedlund—Lithic Material Sources and Implications for Trade and Travel through the Smith River Basin in Northwestern California

1:30  Sean Larmore—Backed Knives and Subsistence Strategies at the Hurdy Gurdy Bridge Site

1:45  Shannon Tushingham—The Evolution of Sociopolitical Organization in Northwestern California

2:00  Kevin Gilmore—Discussant

2:15  Shannon Tushingham—Discussant

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**GENERAL SESSION: ARCHITECTURE, RITUAL, AND TRADITION**

**Room:** Yosemite B  
**Time:** 1:00 PM - 2:30 PM  
**Chair:** Kelsey Clardy

**Participants:**

1:00  Sandra Gaskell, Danette Johnson, James Les, Lois Martin and Sis Calhoun—The Rights of Construction Design for Ancient Architecture Wah-ho-ga Village Traditional Ceremonial Structure of the Seven Affiliated Tribes of Yosemite

1:15  John Warner—Rethinking and Refining the Activities Associated with the Monumental Compounds of Jatanca, Peru

1:30  Thomas Pozorski—Ritual Hearth Structures at the Casma Valley Site of Huerequeque: Making a Case for Highland/Coastal Interaction in Initial Period (2100–1000 BCE) Peru

1:45  Kelsey Clardy—The Muscogee (Creek) Nation Council House: A Continuation of Architectural Traditions

2:00  Maria Stapleton and Charles Stapleton—Persistence of Aztec Religious Belief Materialized in the Early Colonial Religious Architecture of the Central Mexican Highlands

2:15  Sarah Wigley, Antonia Figueroa and Laura Levi—Space, Ritual and Production at Wari Camp
[67] General Session: Neolithic and Bronze Age China  
Room: Union Square 2  
Time: 1:00 PM - 2:45 PM  
Chair: Wenjie Zhang

Participants:
1:00 Wenjie Zhang—The Ritual System of the Zhongli King’s Bronzes  
1:15 Yu Liu and Zhanwei Yue—Casting Technology and Craft Production of Bronze Wares in the Central Plains of China in Late Shang Dynasty (13thBC–11th BC)  
1:30 Yitzchak Jaffe—Colonial Developments in a Global Context—Complex Connectivity in the Western Zhou World  
1:45 Katrinka Reinhart—Of Kings and Artisans: Comparing Household and Palace-Temple Rituals at Yanshi Shangcheng  
2:00 Jim Railey—Bell-Shaped Storage Pits and Social Evolution in the Yuanqu Basin, North China  
2:15 Xu Zhang—Gained Bioarchaeological Insight from the Skeletal Human Remains at Dabaoshan, South Central Inner Mongolia, China  
2:30 Daniela Wolin, Natasha Osing, Jigen Tang, Yuyun Tang and Lingling Deng—Preliminary Results from the Bioarchaeological Investigation of Human Sacrificial Victims from China’s Late Shang Dynasty

Room: Union Square 25  
Time: 1:00 PM - 3:00 PM  
Moderator: Sarah Kansa

Participants:
Eric Kansa—Discussant  
Mary Downs—Discussant  
Kristina Killgrove—Discussant  
Amy Margaris—Discussant  
Darrin Pratt—Discussant  
Joshua Wells—Discussant  
Hannah Lau—Discussant

[69] Forum: The Prospects and Challenges of Faunal Data Integration and Comparative Analysis  
Room: Golden Gate 1
Thursday Afternoon, April 16

Program of the 80th Annual Meeting

Time: 1:00 PM - 3:00 PM
Moderator: Katherine Spielmann

Participants:
Keith Kintigh—Discussant
Tiffany Clark—Discussant
Katherine Spielmann—Discussant
Karen Schollmeyer—Discussant
Sarah Neusius—Discussant
Bonnie Styles—Discussant

FORUM: INTEGRATING AND INNOVATING: EFFECTIVE USES OF TECHNOLOGY IN ARCHAEOLOGICAL MANAGEMENT IN MILITARY SETTINGS
(Sponsored by Military Archaeological Resources Subgroup (MARS))
Room: Continental Ballroom Parlor 9
Time: 1:00 PM - 3:00 PM
Moderators: Kristen Mt. Joy and Jake Fruhlinger

Participants:
Jake Fruhlinger—Discussant
Shaun Nelson—Discussant
Christopher Parr—Discussant
Mark Smith—Discussant
James Zeidler—Discussant

FORUM: GENDER DISPARITIES IN RESEARCH GRANT SUBMISSIONS
(Sponsored by SAA Board of Directors)
Room: Continental Parlor 2
Time: 1:00 PM - 3:00 PM
Moderators: Barbara Mills and Lynne Goldstein

Participants:
Lynne Goldstein—Discussant
Sarah Herr—Discussant
Jo Burkholder—Discussant
John Yellen—Discussant
Leslie Aiello—Discussant
Christopher Thornton—Discussant

SYMPOSIUM: ARCHAEOLOGY AND TOURISM
Room: Golden Gate 5
Program of the 80th Annual Meeting

Thursday Afternoon, April 16

Time: 1:00 PM - 3:15 PM
Chair: Ben Thomas

Participants:
1:00 Deborah Gangloff—In Defense of Archaeotourism
1:30 Ben Thomas and Meredith Langlitz—Bridging the Great Cultural Tourism Divide: Working with the Tourism Industry
1:45 Della Scott-Ireton and Jennifer McKinnon—Diving to a Flash of Education: Archaeological Tourism at Maritime Sites
2:00 Jaime Almansa-Sanchez—Ghost Tourists in Gondar: Sustainable Tourism and Archaeological Heritage
2:15 Fran Seager-Boss, Alfred Theodore, Kathryn Krasinski, Brian Wygal and Richard Martin—Public Archaeology at Cottonwood Creek
2:30 Erin Linn—Archaeology as Heritage Resource: Foundations for Successful Archaeological Tourism, Achievements and Challenges from Petra to Angkor
2:45 Linda Stine—Bringing Visitors to State Historic Sites: Remote Sensing and Hands-on Research
3:00 Sarah Surface-Evans and S.K. Haase—Promoting Responsible Heritage Tourism through Public Archaeology at Two Great Lakes Lighthouses

Symposium SimulPast—Simulating the Past to Understand Human Behaviour
Room: Union Square 13
Time: 1:00 PM - 3:15 PM
Chair: Marco Madella

Participants:
1:00 Carla Lancelotti, Xavier Rubio-Campillo, Matthieu Salpeteur and Marco Madella—Climate, Resources and Strategies: Simulating Prehistoric Populations in Semi-Arid Environments
1:15 Andrea Balbo, Jasmin Link and Jürgen Scheffran—You Go First. An Agent-Based Model of Mating-Migration between Early Farming and Foraging Societies
1:30 Jorge Caro, Maria Pereda, Ivan Briz, Myrian Álvarez and Debora Zurro—Cooperative Practices in Hunter-Fisher-Gatherers from Tierra del Fuego: A Study on Resource Visibility and Social Sharing
1:45 Guillem Frances, Xavier Rubio, Carla Lancelotti, Alexis Torrano and Alex Albore—Embedding Artificial Intelligence in Agent-
Based Models
2:00 Questions and Answers
2:15 Xavier Rubio-Campillo and Enrico Crema—Modelling Group Formation in Small Scale Societies
2:30 Andreas Angourakis, Matthieu Salpeteur, Xavier Rubio-Campillo, Bernardo Rondelli and Sebastian Stride—Land Use Patterns in the Arid Eurasia. Models and Historical Examples
2:45 Joaquim Fort—Neolithic Transitions: Demic or Cultural?
3:00 Debora Zurro—Discussant

[74] SYMPOSIUM: HUMAN ADAPTATIONS TO ENVIRONMENTAL CHANGE DURING THE TERMINAL PLEISTOCENE AND EARLY HOLOCENE - PART 2
Room: Imperial Ballroom A
Time: 1:00 PM - 3:30 PM
Chair: Clive Bonsall

Participants:
1:15 D. Shane Miller, David Anderson and Kelsey Meer—The Pleistocene-Holocene Transition in the Tennessee and Cumberland River Valleys of the Mid-South United States
1:30 Marvin Kay—Breckenridge Shelter, Arkansas and the Younger Dryas
1:45 Jonathan Benjamin—Human Response to Sea-Level Change in the Early Holocene: Examples from the Continental Shelf
2:00 Robin Skeates—Causalties, Time-Scales and Processes of Environmental and Cultural Change in Italy between the Final Upper Palaeolithic and Early Neolithic
2:15 Pablo Arias and Esteban Álvarez-Fernández—By the Seaside: The Role of Marine Resources in Northern Spain from the Late Palaeolithic to the Neolithic
2:30 Javier Fernandez-Lopez De Pablo, Samantha Jones, Magdalena Gómez Puche and Francesc Burjachs—The Impact of the 8.2 kyr cal BP Event on Late Mesolithic Demography in the Central Mediterranean Region of Spain
2:45 Ivana Radovanovic—Correlating Climate Change and Archaeological Record in the Iron Gates Mesolithic
3:00 Maria Gurova and Clive Bonsall—Environmental Change and the Neolithization of Southeast Europe: A Bulgarian Perspective
3:15 Questions and Answers

[75] **SYMPОSIUM**  CONSTRUCTION OF A COMMUNITY: RECENT FINDINGS FROM CEREN, EL SALVADOR

**Room:** Continental Ballroom Parlor 7  
**Time:** 1:00 PM - 3:45 PM  
**Chair:** Christine Dixon

**Participants:**
1:00 Christine Dixon—Sacbe Construction, Agricultural Production, and Community Organization in the Classic Maya Community of Cerén, El Salvador
1:15 Payson Sheets—A Variety of Cerendipitous Discoveries
1:30 David Lentz and Venicia Slotten—Common and Lima Beans (Phaseolus spp.) from Cerén: Wild and Domesticated Germplasm
1:45 Venicia Slotten and David Lentz—Paleoethnobotanical Remains Associated with the Sacbe at the Ancient Maya Village of Cerén
2:00 Theresa Heindel—Xanthosoma violaceum and the Maya Diet: Root Crop Use in Ancient Maya Agriculture
2:30 Rachel Egan and Payson Sheets—Geostratigraphy, Volcanology, and Chronology at Cerén: Implications of Dating the Ilopango and Loma Caldera Eruptions
2:45 Céline Lamb and Scott R. Hutson—Within and between: A Comparative Discussion of Intra-site Variability and Hinterland Complexity at the Sites of Yaxché, Yucatan and Cerén, El Salvador
3:00 Nan Gonlin—Digging Ceren: Rounding up the Unusual Methods in Mesoamerican Household Archaeology
3:15 Jon Lohse—Discussant
3:30 Linda Manzanilla—Discussant

[76] **SYMPОSIUM**  CAPITAL, CRAFT, AND CONSUMPTION IN MESOAMERICA AFTER THE SPANISH INVASION

**Room:** Continental Ballroom 6  
**Time:** 1:00 PM - 4:15 PM  
**Chair:** Rani Alexander

**Participants:**
1:00 Cynthia Otis Charlton and Patricia Fournier—Conspicuous
Consumption in the Basin of Mexico: Chinese Porcelains as Prestige Markers in the Eastern Teotihuacan Valley
1:15 Patricia Fournier and Bridget M. Zavala—Firing Pots in Durango: Craft Manufacture of Glazed Wares and the Origins of Consumption and Production Inequality in Northern Mexico
1:30 Veronica Velasquez—Potters’ Signatures and Changes in the Maiolica Craft from Colonial Mexico as an Expression of the Doctrine of Blood Purity
1:45 Krista Eschbach—Consequences of Warfare, Reforms, and Capitalism in Late Colonial Port of Veracruz, Mexico
2:00 Elizabeth Newman—Landscapes of Labor
2:15 Aileen Balasalle and Judith Zeitlin—Landscape and the Impact of Late Colonial Industrial Agriculture on Indigenous Communities in the Tehuantepec Region of Mexico
2:30 Questions and Answers
2:45 Luisa Escobar and Guido Pezzarossi—Booms, Busts, and Changing (Anti)Market Engagement in Pacific Piedmont Guatemala
3:00 Hector Hernandez—Capitalism and Material Culture of the Poor: Consumption, Reuse, and Discard of Glass Bottles at Hacienda San Pedro Cholul, Yucatan
3:15 James Meierhoff and Joel Palka—Close to the Edge: 19th Century Maya Refugees at Tikal, Guatemala
3:30 Tracie Mayfield—Mahogany and Sugar for Tobacco, Booze, and Salt-Pork: Consumerism and Consumption at 19th-Century Lamanai, Belize
3:45 Rani Alexander—The Gilded Age in Eastern Yucatán, Mexico: The Age of Betrayal or the Rise of the Middle Class?
4:00 Anthony Andrews—Discussant

SYMPOSIUM ON AN ARCHAEOLOGIST’S GEOLOGIST: A SYMPOSIUM IN HONOR OF WILLIAM R. DICKINSON
Room: Imperial Ballroom B
Time: 1:00 PM - 4:30 PM
Chairs: David Burley and Marshall Weisler
Participants:
1:00 Sharyn Jones, Justin Cramb and Alison Weisskopf—Mid-sequence colonization and occupation at Nukubalavu, Vanua Levu, Fiji
1:15 David Burley—Paleo-Sea Levels, Bill Dickinson, and Interpretive Modeling for the Lapita Settlement of Fanga ‘Uta Lagoon, Kingdom of Tonga
1:30 Christophe Sand, Jacques Bolé, David Baret, André-John Ouetcho and Tautala Asaua—Geological Subsidence and Sinking Islands: The Case of Manono (Samoa)

1:45 Melinda Allen, Alex E. Morrison, Andrew M. Lorrey and Geraldine Jacobsen—Assessing Island Habitability and Land Use on Polynesia’s Smallest Islands

2:00 Patrick Kirch—The Mussau Islands Lapita Exchange Network: A Review of Three Decades of Analysis

2:15 Ian Lilley—Lapita—the Australian Connection

2:30 Stuart Bedford, Matthew Spriggs and Richard Shing—"By All Means Let Us Complete the Exercise": The 50 Year Search for Lapita on Aneityum, Southern Vanuatu Comes to a Conclusion

2:45 Scarlett Chiu, David Killick, William Dickinson and Christophe Sand—Connection and Competition: Some Early Insights Gained from Petrographic Studies of New Caledonian Lapita Pottery

3:00 Ethan Cochrane and Timothy Rieth—Petrographic and Geochemical Evidence Reveals the Local Focus of Interaction throughout Samoa’s Prehistory

3:15 Michiko Intoh—Clay and Technology: Micronesian Ceramic Tradition

3:30 Kathleen Marsaglia, Scott Fitzpatrick, John Lawrence and Jenni Pavia—From Sea to Shining Sea: The Influence of Bill Dickinson’s Pacific Island Ceramic Petrography on Caribbean Research

3:45 Peter Sheppard—The Use of a Bench-top SEM in Ceramic Characterization in Oceania

4:00 Barry Rolett—Marquesan Voyaging during the East Polynesian Archaic Era


[78] **SYMPOSIUM: WHAT WAS CHACHAPOYAS?: TOWARDS A CULTURAL GEOGRAPHY OF THE NORTHEASTERN PERUVIAN ANDES**

**Room:** Plaza A

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

**Chairs:** Anna Guengerich and Warren Church

**Participants:**

1:00 Anna Guengerich—Chachapoya Domestic Architecture: Identity and Interaction within, Across, and Beyond Regional Boundaries
Thursday Afternoon, April 16

1:15 Inge Schjellerup—Landskapes under Chachapoya and Inca Presence in the Chachapoya Region
1:30 Alfredo Narvaez—Una Nueva Visión del rol de kuélap en el valle del alto ucu bamba
1:45 Sonia Guillen, Gilmer Medina and Agustín Rodríguez—Redefining the Chachapoya Territory
2:00 Evelyn Guevara, Antti Sajantila, Jukka Palo and Sonia Guillén—Assessing the Genetic Diversity in the Extant Chachapoya Population from Northeastern Peru Using Uniparental DNA Markers (mtDNA and Y-chromosome)
2:15 Jennifer Marla Toyne, J. Marla Toyne and L. Alfredo Narvaez—The Bravery and Beauty within: Skeletal Analysis of the Ancient Chachapoya People at Kuelap
2:30 James Crandall—The Development of ‘Peripheral Communities’ in the Eastern Andes
2:45 Armando Anzellini and J. Marla Toyne—Mortuary Variability and Chronology of the Cliff Tombs of La Petaca
3:00 Warren Church—Where was Chachapayas? A View from the South
3:15 Gary Urton—“Hierarchy, Power, Identity and Time: Building a Khipu Simulacrum of Chachapoya Society at Laguna de los Cóndores”
3:30 Adriana Von Hagen—Tracing Stylistic Influences in Chachapoya Art and Imagery
3:45 Tom Dillehay—Discussant
4:00 Richard Burger—Discussant
4:15 Questions and Answers

[79] **Symposium: Advances in the Method and Application of Ceramic Petrography: International Perspectives on Key Archaeological Questions Part II**

*Room:* Plaza B

*Time:* 1:00 PM - 4:45 PM

*Chairs:* Wesley Stoner and Lane Fargher

**Participants:**

1:00 Gareth Perry—Pottery Production in Anglo-Scandinavian Torksey (Lincolnshire): Reconstructing and Contextualising the Chaîne Opératoire

1:15 Donna Roper—Characterizing Eighteenth Century Technological Changes in Pawnee Pottery
1:30  Roberta Mentesana, Peter M. Day, Vassilis Kilikoglou and Simona Todaro—Technological Variability in Ceramics of the Neolithic to Early Bronze Age transition at Phaistos, Crete: An Integrated Approach

1:45  Robert Mason—The Microscopy and Macroscopy of Islamic Lustre wares

2:00  William Gilstrap and Peter M. Day—“A Burden of One’s Own Choice is Not Felt”: Observing Ceramic Production Technology, Exchange and Consumption in the Late Mycenaean Saronic Gulf

2:15  John Lawrence, Kathleen Marsaglia, Scott Fitzpatrick and Thomas Wake—Preliminary Petrographic Analysis of Ceramics from the Bocas del Toro Archipelago, Panama

2:30  Maria Masucci and Hector Neff—Arybolas, Amphoras and Manteño Ordinario: The Production and Significance of Ecuadorian Transport Vessels

2:45  Questions and Answers

3:00  Clare Burke, Peter Day, Eva Alram-Stern and Katie Demakopoulou—Crafting Choices: Neolithic–Early Helladic II Ceramic Production and Distribution, Midea, Mainland Greece

3:15  Lori Reed and Mary Ownby—In the Land of Lava: Petrographic and Chemical Analysis of Pottery from El Malpais National Monument

3:30  Ann Cordell, Neill Wallis and Thomas Pluckhahn—Ceramic Petrography and Woodland Period Social Interactions in Florida and the Southeastern United States

3:45  Isabelle Druc—Rojo Grafitado is Not Graphite. A Slow-Science Interpretation of the Production of an Andean Ceramic Style

4:00  David Killick and Edwin Wilmsen—Ceramic Petrography, Historical Linguistics and the Bantu Expansion: Tracking the Arrival of the First Pottery-Using Peoples in Northern Botswana

4:15  Edyta Marzec, Peter Day and Katherine Grillo—Petrography of “Nderit” Pottery from Pastoral Neolithic Sites Surrounding Lake Turkana in Kenya

4:30  Veronica Testolini—Cooking Vessels of the Early Medieval Village of Miranduolo, Tuscany: A Petrographic Study

[80]  **Symposium: Issues in Building Radiocarbon Chronologies**

**Room:** Yosemite C

**Time:** 1:00 PM - 4:45 PM

**Chairs:** Andrew Martindale, David Wright and Jangsuk Kim

**Participants:**
Program of the 80th Annual Meeting
Thursday Afternoon, April 16

1:00  David Wright—Accuracy vs. Precision: Understanding Potential Errors from Radiocarbon Dating on African Landscapes

1:15  Seonho Choi, Jangsuk Kim, Jaeyong Lee, Chuntaek Seong and Jaehoon Hwang—On the Precision and Accuracy of Radiocarbon Dating

1:30  Jangsuk Kim—Demographic Dynamics Inferred from Radiocarbon Dates and Sampling Biases

1:45  Colin Grier, Eric McLay and Michael Richards—In Twos and Threes: Dating Multiple Samples and Materials to Address the Marine Reservoir Effect

2:00  David Thulman—The Use of Bayesian Statistics to Increase Both Precision and Accuracy in Radiocarbon Dating

2:15  Jaeyong Lee, Youngseon Lee and Jangsuk Kim—Bayesian Analysis of the Uncertainty in Radiocarbon Dating Measurements

2:30  Michael Waters—Building a Meaningful First Americans Radiocarbon Chronology

2:45  Kenichi Yano—Demographic Fluctuation in Jomon Period of Japan

3:00  Kenneth Ames, Andrew Martindale, Kevan Edinborough, Kisha Supernent and Bryn Letham—Dating Pacific Period Settlement Pattern Dynamics in the Prince Rupert Harbor Region of Northern British Columbia

3:15  Kevan Edinborough—Modelling Village Development in the Prince Rupert Harbour

3:30  Chuntaek Seong and Jae Hoon Hwang—Late Neolithic to Early Bronze Age Transition in Korea: Implications from the Evaluation of Radiocarbon Dates


4:00  Thomas Brown, Kevan Edinborough and Kenneth Ames—Exploring Settlement and Mobility Pattern Changes Using Radiocarbon Databases

4:15  Andrew Martindale, Matthew Betts, Michael Blake, Nicholas Jakobsen and Ryan Wallace—The Revival of the Canadian Archaeological Radiocarbon Database (CARD)

4:30  Steven Forman—Assessing the Accuracy and Precision of OSL Dating Against Well Vetted Radiocarbon Ages

[81]  SYMPOSIUM: WORLDS FOREVER CHANGED: THE IMPACT OF
CONFLICT AND COLONY IN THE "NEW WORLD"

Room: Golden Gate 3
Time: 1:00 PM - 4:45 PM
Chair: Matthew Schmader

Participants:
1:00 Matthew Schmader—Discussant
1:15 Meghan Howey, Karen Alexander, Courtney Mills, Adreinne Kovach and Beverly Johnson—Seas of Change: Overfishing and Colonial Encounter in the Gulf of Maine
1:30 Christopher Rodning, Robin Beck and David Moore—Conquistadores, Colonists, and Chiefdoms in Northern La Florida: Artifacts and Architecture at the Berry Site in Western North Carolina
1:45 Matthew Schmader—"They Had So Many Stones to Hurl": Evidence of Inter-Indigenous Conflict on the Vázquez de Coronado Expedition, 1540–1542
2:00 Michael Bletzer—A'tzi-em and Po-ya-o-na: Archaeological and Historical Insights into the Native-Spanish Encounter in New Mexico’s Piro Province, 1581–1681
2:15 Matt Liebmann—In the Shadow of the Moor: An Archaeology of Pueblo Resistance in Colonial New Mexico
2:30 Elizabeth Oster and Michael Elliott—The Geopolitics of Conquest: The Mixtón War and the Caxcan Diaspora
2:45 Angélica María Medrano—The Caxcans of Nueva Galicia, Nahua Warriors of the Northern Mesoamerican Frontier
3:00 Alan Avila-Ortiz, Patricia Fournier and Patricia Kouvatou—Symbols of the Spanish Conquest: Early Colonial Period Figurines from the Basin of Mexico and the Michoacán
3:15 John Pohl—Pre-Columbian Exchange Systems and the Colonization of Northern New Spain
3:30 Melissa Murphy—First Contact: Friend or Foe?
3:45 Steven Wernke and Teddy Abel Traslaviña—Ordering Buildings, Building Order: Place Production in a Planned Colonial Town in Highland Peru
4:00 Zachary Chase—The (Beginning and) End of the World as We Know It: The Multiple Makings and Un-Makings of the Indigenous Past in Huarochirí, Peru
4:15 Questions and Answers
4:30 Charles Ewen—Discussant

SYMPOSIUM THE “NEOLITHIC HOUSE”: WORLDWIDE COMPARISONS
Thursday Afternoon, April 16

Room: Union Square 14
Time: 1:00 PM - 4:45 PM
Chairs: Petr Kvetina and Thomas Rocek

Participants:
1:00 Anna Belfer-Cohen and Nigel Goring-Morris—Reflections on the Origins of the Neolithic “House” in the Near East
1:15 Ian Kuijt—Where We Sleep: Ethnoarchaeological Perspectives on the Near Eastern Neolithic House and Households
1:30 Jean-Paul Demoule—The Neolithic House, from Anatolia to Central Europe
1:45 Ivan Pavlu and Petr Kvetina—Development and Idea of Neolithic Longhouses in Middle Europe
2:00 Anick Coudart—European Neolithic Houses & New-Guinean Contemporary Houses: Toward a Material Culture Theory
2:15 Christian Peterson, Robert Drennan and Adam Berrey—Patterns of Household Refuse and Socioeconomic Differentiation: A Comparative Analysis
2:30 Junko Habu—Jomon Pit-Dwellings, Sedentism, and Food Diversity
2:45 Questions and Answers
3:00 John Clark—The Transition to Home Living in Middle America
3:15 Julian Salazar and Jordi A. López Lillo—Early Village Dwellings and the Reproduction of South Andean Formative Communities
3:45 Kellam Throgmorton and Richard Wilshusen—A Historical-Processual Approach to Household Architecture in the Northern U.S. Southwest
4:00 Brian Byrd—The Neolithic Houses of California—An Ethnohistoric Comparative Perspective on Household and Community Organization among Complex Hunter-Gatherers
4:15 Dean Snow—The Neolithic Transition in Northern Iroquoia
4:30 Emily Shepard, Kisha Supernant, Kenneth M. Ames and Andrew Martindale—Changing House Forms on the Northwest Coast of North America

[83] SYMPOSIUM ■ PRESERVATION, PROTECTION, AND OUTREACH PROGRAMS IN NATIONAL PARK SERVICE ARCHAEOLOGY
Room: Continental Parlor 1
Time: 1:00 PM - 4:15 PM
Chair: David Gadsby

Participants:
1:00  Marcy Rockman—A National Strategic Vision for Climate Change and Archaeology

1:15  Mary Carroll—25 Years of NAGPRA in the National Park Service

1:30  Dawn Bringelson—Dealing with Reality: Managing Education at the National Park Service-Midwest Archeological Center

1:45  Mary Furlong Minkoff and Teresa Moyer—The Urban Archaeology Corps 2014: Rethinking Youth Employment in the National Park Service

2:00  Barnet Pavao-Zuckerman and Trica Oshant Hawkins—Linking Hispanic Heritage through Archaeology (LHHTA): Engaging Latino Youth with Our National Parks

2:15  Karen Mudar and Leah Burgin—The Listing of Outlaw Treachery (LOOT) Federal Clearinghouse: 35 Years of Data

2:30  Todd Swain—Legal Issues Concerning Cultural Heritage Resources Damage Assessments

2:45  David Gadsby—The National Park Service Archeology Program Role in Protection and Management of International Cultural Heritage

3:00  Kirstie Haertel—The WHY and HOW of Integrating Archaeological Findings into Wildlife Management Efforts

3:15  Travis Doering, Lori Collins and Margo Schwadron—Digital Preservation and 3D Technology Strategies for the Management, Protection, and Interpretation of the Only Existing American Revolutionary War Tunnel: Developments from the 3D Documentation Project at Ninety Six National Historic Site, South Carolina

3:30  Lori Collins, Travis Doering and Margo Schwadron—Progressive Partnerships for Heritage Preservation: 3D Immersive Learning, Documentation and Research Tools in our Nation’s Park System

3:45  Stanley Bond—Discussant

4:00  Questions and Answers

[84]  SYMPOSIUM  SIMULATING SOCIAL COMPLEXITY TO UNDERSTAND THE ARCHAEOLOGICAL PAST
Room: Union Square 21
Time: 1:00 PM - 4:45 PM
Chairs: Iza Romanowska and Stefani Crabtree

Participants:
1:00  Mark Lake—Discussant
1:15  Philip Fisher and Luke Premo—A Spatially Explicit Model of
Thursday Afternoon, April 16

1:30 Benjamin Davies—Simulating Late Holocene Landscape Use and the Distribution of Stone Artefacts in Arid Western New South Wales, Australia

1:45 Iza Romanowska and Seth Bullock—Testing the Variability Selection Hypothesis on Hominin Dispersals—a Multi-Agent Model Approach

2:00 Matt Grove—Climatic Variability and Hominin Dispersal: The Accumulated Plasticity Hypothesis

2:15 Colin Wren—Humanizing Wave of Advance Dispersal Models

2:30 Stefani Crabtree, R. Kyle Bocinsky and Timothy A. Kohler—Alliances, Coalitions, Hierarchies and Conflict in the Ancestral Pueblo World

2:45 John Murphy, Louise Purdue and Maurits Ertsen—Changing Channels: Simulating Irrigation Management on Evolving Canal Systems for the Prehistoric Hohokam of Central Arizona

3:00 Isaac Ullah and C. Michael Barton—Complexity in Space and Time: Spatio-Temporal Variability and Scale in Simulations of Social-Ecological Systems

3:15 Rachel Opitz—Modeling Behavior in Digital Places Using Low-Level Perceptual Cues

3:30 Devin White—Reconstructing Large-Area Ancient Transportation Networks to Support Complexity Research

3:45 Shawn Graham and Tom Brughmans—Many Roman Bazaars: Exploring the Need for Simple Computational Models in the Study of the Roman Economy

4:00 Enrico Crema—Empirical Validation and Model Selection in Archaeological Simulation

4:15 Questions and Answers

4:30 Tim Kohler—Discussant

[85] SYMPOSIUM: COMMUNITIES THROUGH TIME: SOCIETAL CONTINUITY AND TRANSFORMATION IN THE NORTHERN SAN JUAN REGION

Room: Franciscan AB
Time: 1:00 PM - 4:45 PM
Chair: Kristin Kuckelman

Participants:
1:00 Joan Coltrain and Joel Janetski—Radiocarbon and the Stable Isotope Chemistry of Grand Gulch Basketmaker II Burials: Age-Based Dietary Patterning and Geolocation.

1:15 Jonathan Till and Winston Hurst—The Bluff—Twin Rocks Community: Community Formation, Persistence and Evolution
in the Northwestern San Juan Region

1:30 Shanna Diederichs, Grace Erny and Aryel Rigano—Architectural Specialization in Basketmaker III Proto-Villages

1:45 Tanachy Bruhns—An Examination of Spatial Relationships Using GIS Data from the Basketmaker Communities Project

2:00 James Potter—Cowboy Wash Pueblo and Community Organization on the Southern Piedmont of Sleeping Ute Mountain

2:15 Grant Coffey and Susan Ryan—The Changing Scale of Integrative Pueblo Communities in the Northern San Juan Region: Basketmaker III through Pueblo III

2:30 Kari Schieher, Jamie Merewether and Grant Coffey—Material Culture of Communities: Temporal and Spatial Patterns in the Material Culture of the Goodman Point Community

2:45 Lara Noldner—Isolated Human Remains from the Central Mesa Verde Region: Taphonomic Distribution Patterns Across Sites

3:00 Christy Winstead, Amy Hoffman, Laura Ellyson and Steve Wolverton—Turkey Domestication and Utilization in an Ancestral Puebloan Community

3:15 Laura Ellyson and Steve Wolverton—Lagomorph Exploitation and Garden Hunting in the Northern San Juan Region


3:45 Susan Smith, Karen Adams and Kristin Kuckelman—Five Hundred Years of Plant Use in the Sand Canyon Locality, Southwestern Colorado

4:00 Laurie Webster—The Art of Footwear, Footwear as Art: Thirteen Hundred Years of Twined Sandal Production in the Northern Southwest

4:15 Donna Glowacki, Kay Barnett and Joel Brisbin—Spruce Tree House: The Social History of a Thirteenth-Century Cliff Dwelling

4:30 William Lipe—Discussant

[86] **SYMPOSIUM: CIRCULATION OF PEOPLE, THINGS & IDEAS: PRACTICES OF MOBILITY IN THE UPPER USUMACINTA BASIN**

*Room:* Franciscan CD

*Time: 1:00 PM - 4:45 PM*

*Chairs: Nicoletta Maestri and Rodrigo Liendo*

**Participants:**

1:00 Ronald Canter—The Upper Usumacinta Travel Corridor, A
1:15 Mario Aliphat—El paisaje natural de la Cuenca del Alto Usumacinta
1:30 Whittaker Schrodter, Charles Golden, Andrew K. Scherer and Jeffrey Dobereiner—Stop and Go Traffic: Power, Movement, and Emplacement in the Piedras Negras and Yaxchilan Kingdoms
1:45 Dmitry Beļaev, Alexander Safronov and Alexandre Tokovinine—Captive, Messengers, Pilgrims, Refugees, Wives: Classic Maya Written Accounts on Travel in the Upper Usumacinta
2:00 Armando Anaya Hernandez and Pascual Izquierdo Egea—Show Me What You Have and I’ll Tell You Who You Stick Around with: A Model of Economical-Political Interaction in the Upper Usumacinta
2:15 Nicoletta Maestri and Arianna Campiani—Any Port in a Storm: Identifying Port Infrastructure and Architecture in the Upper Usumacinta
2:30 Brigitte Kovacevich—The Materiality and Mobility of Jade in the Upper Usumacinta Basin
2:45 Flavio Silva De La Mora and Rodrigo Liendo—Understanding the Local Communities through the Study of Lithics and Communication Routes in the Northwestern Maya Lowlands during the Classic Maya: Recent Studies in the Region
3:00 Luis Nuñez—Regional Distribution of Mortuary Domestic Rituals in the Upper Usumacinta Basin: A Burial Practice Comparison from the Palenque Region and Its Neighboring Areas during the Late Classic
3:15 Rodrigo Liendo and Esteban Miron—Territorial Attachments and Border Formation in the Upper Usumacinta River Basin Discussing Ceramic Mobility within a Fractured Political and Geographical Landscape
3:30 Ronald Bishop, Socorro Jiménez and Erin Sears—Volcanic Ash in the Ceramics of the Greater Palenque Region and Usumacinta Drainage, Chiapas and Tabasco, Mexico
3:45 David Webster—Discussant
4:00 Patricia McAnany—Discussant
4:15 James Snead—Discussant
4:30 Questions and Answers

SYMPOSIUM FROM TAPHONOMY TO HUMAN ECOLOGY: PAPERS IN HONOR OF GARY HAYNES
Room: Continental Ballroom 4
Time: 1:00 PM - 5:00 PM
Chairs: Kelly Graf, Chrissina Burke and Kathryn Krasinski

Participants:

1:00  Nohemi Sala and Juan Luis Arsuaga—Taphonomy and Actualistic Studies of Carnivores: Applications to Understanding Sima de los Huesos (Atapuerca) and Other Pleistocene Sites in Spain

1:15  Jarod Hutson—Assessing Hominin Involvement with the Faunal Assemblages from Bundu Farm and Pniel 6, Northern Cape, South Africa

1:30  Geoff Smith—Re-Evaluating the Evidence for Systematic Exploitation of Mammoth during the European Middle Palaeolithic

1:45  Piotr Wojtal and Jaroslaw Wilczynski—Scenes of Spectacular feasts: Gravettian Hunters' Sites in Central Europe

2:00  Kathryn Krasinski—Towards a Multivariate Model for Accurately Identifying Cutmarks

2:15  Luis Borrero, Fabiana Maria Martin and Francisco J. Prevosti—The Fossil Signature of Late Pleistocene Patagonian Carnivores

2:30  Chrissina Burke—Bison Killsites and Carnivore Utilization: A Discussion of Prehistoric Human Impacts to Scavenging Carnivores and the Implications for Conservation Management

2:45  Kelly Graf—Humans on the Siberian Mammoth Steppe

3:00  George Scott and Roman Schomberg—Sinodonty and/or Sundadonty: Revisiting the Three-Wave Model for the Peopling of the Americas

3:15  Stuart Fiedel—The Spore Conundrum: Does a Dung Fungus Decline Signal Humans’ Arrival in the Eastern U.S.?

3:30  Nicole Waguespack—When Charismatic Megafauna Meet: The Relationship between Archaeologists and Proboscideans in North America

3:45  Daron Duke—Haskett Spear Points and the Plausibility of Megafaunal Hunting in the Great Basin

4:00  Brian Wygal—Three Phases of Initial Human Colonization in Southern Alaska

4:15  Ted Goebel—The Millennium before Clovis in Alaska

4:30  Anna Camp—A Twist on Taphonomy: Catlow Twine Basketry in Archaeological Contexts

4:45  Teresa Wriston and Gary Haynes—Environmental Conditions of Northwestern Zimbabwe during the Transition from Foraging to Farming: Using Isotopes, Sediments, and Soils to Reconstruct Late Holocene Climate Change in Hwange National Park
[88] SYMPOSIUM: RECONSIDERING THE "EPIC" IN THE MESOAMERICAN EPICLASSIC PERIOD PART 2: INTERREGIONAL INTERACTIONS
Room: Continental Ballroom 5
Time: 1:15 PM - 4:15 PM
Chair: Andrew Turner
Participants:
1:15   Traci Ardren—Discussant
1:30   Andrew Turner—Religion, Ritual, and Ideology in Epiclassic Highland Mexico
1:45   Brigitte Faugere—The Bajío (Guanajuato/Michoacan) during Epiclassic: Cultural Assertion and Macro-regional Interaction
2:00   Christophe Helmke, Jesper Nielsen and Ángel Iván Rivera Guzmán—Tracing the Footsteps of the Mapa Tradition in the Central Mexican Highlands
2:15   J. Heath Anderson—Cerro Magoni: A Link between Epiclassic Tula and the Bajío?
2:30   Christina Halperin—Cosmopolitanism: New Theoretical Considerations of the Mesoamerican Epiclassic
2:45   Questions and Answers
3:00   Jesper Nielsen and Christophe Helmke—Bellicose Relations between Cacaxtla and Xochicalo in the Epiclassic Period
3:15   Cynthia Kristan-Graham—The Form and Function of Lineage: Council Houses in Epiclassic Mesoamerica
3:30   Bryan Just—Incoherent internationalism: Mayoid Elements in the Art of South-Central Veracruz
3:45   Angel González López—The Epiclassic from the Mexica Perspective: Stone Sculpture Evidence
4:00   Kenneth Hirth—Discussant

[89] SYMPOSIUM: MICRO-WORLDS, MATERIALITY AND HUMAN BEHAVIOUR: MAGNIFYING MATERIAL SCIENCE IN EXPLANATIONS OF TECHNOLOGY
Room: Golden Gate 7
Time: 1:15 PM - 4:30 PM
Chairs: Miljana Radivojevic, Michael Charlton and Marcos Martinon-Torres
Participants:
1:15   Miljana Radivojevic—Paint It Black: The Rise of Metallurgy in the Balkans
1:30   Daniel Sahlen—Non-Ferrous Casting Molds and Technical
Logic: What Can the Technical Differences between the Bronze Age and Iron Age Molds Tell Us about the Technological Development of Metalworking?

1:45 Michael Charlton—Immanence, Configuration and the Bloomery Ironmaking Process: Identifying Behavioural Opportunities from Physical Constraints

2:00 Marcos Martinon-Torres, Andrew Bevan, Xiuzhen Janice Li, Yin Xia and Kun Zhao—Chemical Analyses and Copy-Errors: Technological Control and Artistic Behaviour in the Making of China’s Terracotta Army

2:15 Brett Kaufman—Behavioral Metallurgy of the Phoenicians, Carthaginians, and Neo-Punic Peoples

2:30 Ian Freestone—Microanalytical Perspectives on the Evolution of Glass-making Technologies

2:45 Erik Gjesfjeld—Archaeometric Analysis of Hunter-Gatherer Pottery from Northeast Asia

3:00 Silvia Amicone, Patrick Quinn, Miljana Radivojevic and Thilo Rehren—On the Transmission of Pottery Recipes at the Dawn of the Metal Age: A Case Study from Pločnik and Belovode

3:15 Gillian Juleff—Does Practice Make Perfect? Is it Possible to Read Technological Development in the Actions and Outputs of Individual or Group Practitioners?

3:30 Marija Radovic and Kevan Edinborough—Teeth as tools: Paramasticatory Dental Modifications Reflecting Habitual Behavior in the Danube Gorges, Serbia (9500–5500 B.C.)

3:45 Kevin Gibbs—Inclusions and Innovations in Late Neolithic Pottery from the Southern Levant

4:00 Michael O’Brien—Discussant

4:15 Questions and Answers

[90] GENERAL SESSION ■ PRACTICES AND PRODUCTS OF CULTURAL RESOURCE MANAGEMENT IN NORTH AMERICA

Room: Golden Gate 8
Time: 1:30 PM - 4:30 PM
Chair: Nicholas Laluk

Participants:
1:30 Mark Slaughter and Jon Czaplicki—Black Mesa Cultural Resources: An Update
1:45 David Yoder—Interpreting the Fifty-Year Rule: How A Simple Phrase Leads to a Complex Problem
2:00 Rebekah Kneifel, Rachel Loehman, Connie Constan and Jim Reardon—Fuel Treatment Guidelines to Reduce Wildfire
Thursday Afternoon, April 16

2:15 Damages to Ceramic Artifacts in the American Southwest
J. Javi Vasquez, Kaleb Taluban and R.M. McCoy—Managing 50,000 Acres of Private Land in Texas: Results of a Recent 2,000 Acre Pedestrian, UAV, and Vegetation Survey in the Sierra Diablo Mountains

2:30 Archaeological Collaboration in North America: Are “Benefits” to American Indian Communities truly being maximized?
Nicholas Laluk, Sarah Cowie and Ben Curry—Archaeological Collaboration in North America: Are “Benefits” to American Indian Communities truly being maximized?

2:45 Utilizing Visual Resource Management to Assess Effects on Historic Properties; Working within the BLM VRM Framework
Sarah Morgan—Utilizing Visual Resource Management to Assess Effects on Historic Properties; Working within the BLM VRM Framework

3:00 The Benefits of Virtual Offices for a 21st Century Cultural Resource Management Consulting Firm
Theron Isensee, Christopher Webster and Roger Werner—The Benefits of Virtual Offices for a 21st Century Cultural Resource Management Consulting Firm

3:15 The Pine Lawn-Reserve Area Archaeological Project: Results and Prospects
Stephen Nash and Michele Koons—The Pine Lawn-Reserve Area Archaeological Project: Results and Prospects

3:30 Addressing Anthropogenic Safety Concerns in the Archeological Workplace: A Case Study
Steven Katz and Addison Kimmel—Addressing Anthropogenic Safety Concerns in the Archeological Workplace: A Case Study

3:45 Beach Ridges, Sand Dunes and Buried Sites: Recent CRM Investigations at Inverhuron, Ontario
Peter Timmins—Beach Ridges, Sand Dunes and Buried Sites: Recent CRM Investigations at Inverhuron, Ontario

4:00 Creative Mitigation: Archaeological Site Monitoring on Military Lands in Central Alaska


[91] POSTER SESSION ■ GLOBAL STUDIES OF OBSIDIAN: ANALYTICAL TECHNIQUES AND ARCHAEOLOGICAL INTERPRETATIONS
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:
91-a From Hunter-Gatherer to Nascent Farmer: Traditions of Obsidian Consumption At Epi-Palaeolithic–PPNA Körük Tepe (SE Turkey)
Sarah Grant, Tristan Carter, Vecihi Özkaya and Metin Kartal—From Hunter-Gatherer to Nascent Farmer: Traditions of Obsidian Consumption At Epi-Palaeolithic–PPNA Körük Tepe (SE Turkey)

91-b Obsessively Opacifying Obsidian: Adapting Three Dimensional Laser Scanning Techniques
Christopher Swoger—Obsessively Opacifying Obsidian: Adapting Three Dimensional Laser Scanning Techniques

91-c Obsidian Source Selection in the Early Bronze Age Cyclades
Jessica Morgan and Tristan Carter—Obsidian Source Selection in the Early Bronze Age Cyclades

91-d Long-Term Perspectives from Obsidian Sourcing in the Southern Levant
Kathryn Campeau, Tristan Carter, Yosef Garfinkel, Danny Rosenberg and Katharina Streit—Long-Term Perspectives from Obsidian Sourcing in the Southern Levant
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91-e Sonja Kassa, Anne Parfitt and Patrick McCutcheon—Selective Conditions for Obsidian Stone Tool Manufacture and Use in Central Washington State

91-f Richard George, Claire E. Ebert, Sarah B. McClure, Barbara Voorhies and Douglas J. Kennett—Archaic and Formative Period Obsidian Exchange on the coast of Guerrero, Mexico

91-g Kristine Martirosyan-Olshansky—Provenance Study of Obsidian Artifacts from the Neolithic Settlement Masis Blur (Armenia) Using Portable X-ray Fluorescence Spectrometry

91-h M. Shackley and Leah Morgan—Elemental and Isotopic Variability in Mogollon-Datil Province Archaeological Obsidian, Western New Mexico

91-i Sean Dolan—Black Rocks Beyond the Border: Obsidian in the Casas Grandes World

91-j Richard Higgins—Pre-Classic Obsidian in the Northern Tucson Basin

91-k Laura Salgán, Paz Pompei, Adolfo Gil and Gustavo Neme—Technological Approach of Obsidian Sources in North Patagonian: Comparative Studies between Plain and Highlands Sources

[92] POSTER SESSION LITHIC MATERIALS AND TECHNOLOGIES IN NORTH AMERICA

Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:

92-a Tiffany Fulkerson and Adam Rorabaugh—Timing the Introduction of Arrow Technologies in the Salish Sea

92-b Lauren Cook—Spatial and Temporal Analyses of Redeposited Projectile Points from McFaddin Beach, Texas

92-c Micah Stimson, Nathan Goodale, David G. Bailey and Alissa Nauman—Elemental and Microscopic Characterization of Quartzite Stone Discs and Knives from the Slocan Narrows Pithouse Village, Upper Columbia River Region

92-d Cannon Daughtrey, Jesse Ballenger, Matthew Pailes and Francois Lanoe—A Place to Pause: Investigations at the St. Mary Bridge Site (24GL203), Glacier County, Montana

92-e Jerry Galm, Stan Gough and Fred Nials—Haskett Biface-Point Production and Occupation of the Pacific Northwest and Northern Great Basin at the Pleistocene-Holocene Boundary

92-f Madeline Van Der Voort—An Analysis of an Early-to-Mid Holocene Projectile Point Assemblage from Little Steamboat
Thursday Afternoon, April 16

Point Rockshelter, Warner Valley, Oregon

92-g Stephanie Bosch and P. Nick Kardulias — Lithic Raw Material Procurement at the Multicomponent Prehistoric Wansack Site (36ME61), Mercer County, Pennsylvania: Evidence for Mobility and Trade Patterns through XRF Data

92-h David Davis, Patrick Lewis and Patrick McCutcheon — The Effects of Sampling by Size Class on the Organization of Technology at the Sunrise Ridge Borrow Pit Site (45PI408), Mt. Rainier National Park, Washington

[93] **POSTER SESSION • SOCIAL CONTEXTS OF ARCHAEOLOGICAL PRACTICE IN THE FIELD, LAB, AND CLASSROOM**

**Room:** Grand Ballroom A  
**Time:** 2:00 PM - 4:00 PM

**Participants:**

93-a Allison Parrish — Independent Women: A Story of Gender and Agency in the Colorado Rockies

93-b Susan Harris, Rainer Schreg, Corina Knipper and Lynn Fisher — Communities of Archaeological Inquiry: Documenting a German Neolithic Landscape in Cooperation with Avocational Archaeologists

93-c Amalia Perez-Juez, Ricardo J. Elia and Meredith Langlitz — Archaeological Field schools: Teaching Heritage Management. An Example from Menorca

93-d Sara Belkin and Jennifer Wildt — High School Students, Archaeology, and Public Outreach

93-e Lindsay Randall, Ryan Wheeler and Joel Jacob — Statistics — It's a Sherd Thing: Archaeology in a High School Math Class


93-g Mario Battaglia and John Murray — Assessing the Efficacy of Lesson Modules as a Public Education and Outreach Strategy for Archaeology

93-h Anna Forringer-Beal, Polina Hristova and Jason De León — A Story Told Two Ways: Exploring the Intersectionality between the Archaeological Record and Social Context of Undocumented Female Migrants

93-i Jamie Civitello — Earthwatch at the Valles Caldera National Preserve: Building a Successful Volunteer Research Partnership with Obsidian, Quarries, Soil, and More!

93-j Natalie Faught — These Stones Will Destroy Us
[94] **POSTER SESSION: MUSEUMS AND COLLECTIONS**  
*Room:* Grand Ballroom A  
*Time:* 2:00 PM - 4:00 PM

**Participants:**

94-a Matthew Magnani, Matthew Douglas and Samantha Porter—Low-Cost Collection Digitization: Streamlining Photogrammetric Methodologies

94-b Larkin Hood—"A True Sign of Learning": What College Students Learn About Teaching and Learning from a Museum Docent Program

94-c Abigail Heller and Mary Schmidt—Combatting the Curation Crisis in North Carolina

[95] **POSTER SESSION: ARCHAEOLOGY IN COMMUNITIES: HERITAGE, PRESERVATION, AND ENGAGED ARCHAEOLOGIES**  
*Room:* Grand Ballroom A  
*Time:* 2:00 PM - 4:00 PM

**Participants:**

95-a Nicole Raslich—Indigenous Perspectives On Cultural Heritage Management And Preservation


95-c Marsha Fulton and Crystal Alegria—Making History Personal: Community-Focused Archaeology in the Nevada City Cemetery, Nevada City, Montana

95-d Mary Compton, Ryan Hunt and Kimberly Martin—Taking Tech on the Road: Mobile Makerspaces and Archaeological Engagement

95-e Rachael Aleshire and Olivia Navarro-Farr—Building and Debating National Identity: Three Case Studies of the Ownership of Ancient Artifacts

95-f Joni Manson—Zoning Regulations and Comprehensive Plans: Bringing Historic Preservation Home

95-g Virginia M. OBoyle, Erich Longie, Conrad Fisher, Jason Brown and Robert O'Boyle—CRM as Heritage in Communities on the Great Plains: Northern Cheyenne and Spirit Lake Nations

95-h Lindsay Johansson, Sara Cullen, Kaitlyn Davis, Rachel Egan and Scott Ortman—Engaged Anthropology at Cuyamunge, New Mexico

95-i Nicole Arendt—Learning from the Past: Cinder Mulch Agriculture
Thursday Afternoon, April 16

Past and Present

95-j Elizabeth Cruzado Carranza—Archaeology Not Only for Archaeologists: Examples of Integration of Archaeology and Rural Communities in Perú

95-k Erin Hogg and John R. Welch—Research Excellence + Business Competence = Success: A Proposed New M.A. Program in Heritage Resource Management at Simon Fraser University

95-l Mini Sharma Ogle, Jamie Young and Amanda Childs—Effective Public-Centered Approach to Compliance work—Case Study of the Angoon Airport Project, Alaska

[96] POSTER SESSION COMPARATIVE ARCHAEOLOGY OF URBAN SITES
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:

96-a Jacqueline Fox—Comparative Social Inequality and Class Structure in Ancient Cities

[97] POSTER SESSION CRM, KINTEEL, AND THE COMMUNITY OF WIDE RUINS
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Chair: Kerry Thompson

Participants:

97-a Kerry Thompson—“Soundcheck”: On the Status of Native American Oral Histories in Archaeological Practice

97-b Johna Hutira—The Public Benefit of Archaeology: An Economic Perspective from the Wide Ruins Community

97-c Donelle Huffer—Ceremonially and Ritually Associated Archaeofaunal Remains from Two Sites Near Wide Ruins, Arizona

97-d Eric Cox—To Retest or Not To Retest: A Case Study at Wide Ruins

[98] POSTER SESSION PROJECT ARCHAEOLOGY STATE PROGRAM HIGHLIGHTS: CELEBRATING 25 YEARS
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Chair: Sarah Miller
Participants:
98-a  Lynn Alex and Elizabeth Reetz—Enhancing Archaeology Education and Outreach in Iowa through Project Archaeology
98-b  Ryan Howell, Meghan Forney, Holly L. Andrew and Stephanie Stutts—Trials, Tribulations, and Triumphs of Bringing Project Archaeology to Oklahoma
98-c  Sarah Miller—Project Archaeology in Florida: Teaching and Understanding Slavery at Kingsley Plantation
98-d  Rebecca Simon, Dani Hoefer and Sarah Baer—Colorful Collaboration in Colorado: Recent Work by the Project Archaeology Colorado Chapter
98-e  Lauren Ritterbush and Virginia A. Wulfkuhle—The Power of National and State Engagement for Archaeology Education in Kansas
98-f  Nancy Mahoney and Crystal Alegria—Montana Project Archaeology: Best Practices from a Teacher–Student Field School Collaboration in Virginia City, Montana

[99]  POSTER SESSION  TEACHING ARCHAEOLOGY IN THE TWENTY-FIRST CENTURY: ACTIVITIES FOR THE COLLEGE CLASSROOM
(Sponsored by Committee on Curriculum)
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Chair: Benjamin Carter

Participants:
99-a  Benjamin Carter—Archaeological Ceramics for Beginners: A Hands-On Activity for Introductory Classes
99-b  Dawn Mooney Digrius—Teaching Archaeology from a Sustainability Perspective
99-c  Shannon Fie—Digging without Dirt: An Excavation Simulation
99-d  Kelly Jenks—Simulating Engagement: Teaching Students about Stakeholders
99-e  Robert Muckle—Teaching Archaeology with Campus Trash
99-f  Tammy Stone—The Integration of Archaeology and its Principles into the Core Curriculum
99-g  Justin Williams—Teaching Archaeology through Games: Bringing Interactive Lessons into the Classroom

[100] SYMPOSIUM  MAYAARCH3D: BUILDING A 3DWEBGIS DOCUMENTATION AND ANALYSIS SYSTEM FOR COMPLEX ARCHAEOLOGICAL SITES
Room: Yosemite A
Time: 2:00 PM - 4:45 PM
Program of the 80th Annual Meeting

Thursday Afternoon, April 16

**Chairs:** Jennifer Von Schwerin, Markus Reindel and Heather Richards-Rissetto

**Participants:**

2:00  Markus Reindel and Jennifer von Schwerin—Overview: MayaArch3D—A Web-based 3D-GIS for the Analysis of the Archaeology of Copan, Honduras

2:15  Fabio Remondino and Belen Jiménez-Fenández-Palacios—Virtual Copan—From 3D Data Collection to Analysis Inside a Web Visualization Tool

2:30  Jennifer Von Schwerin and Mike Lyons—Show Me the Data!: Structuring the MayaArch3D Digital Collections for Research Queries in a 3DWebGIS

2:45  Lukas Loos, Michael Auer, Nicolas Billen and Alexander Zipf—MayaArch3D: 2D and 3D Visualization and Analysis Platform

3:00  Nicolas Billen, Lukas Loos, Michael Auer and Alexander Zipf—MayaArch3D: System Architecture, Admin and Security Features, Attributes and Maya Calender Translation Services

3:15  Laura Stelson—Applying Digital Technologies to Older Sets of Data: A Study of the Spatio-Temporal Distribution, Design and Function of the Carved Stone Altars at Copán

3:30  Franziska Fecher—An Interactive Map of Honduran Archaeological Sites

3:45  Michael Lyons and Jennifer von Schwerin—A Transparent 3D Model of Temple 18 at Copán for Visualization and Research

4:00  Heather Richards-Rissetto, Michael Auer, Jennifer von Schwerin and Nicolas Billen—A 3D Landscape Analysis of Stelae Visibility at Copan, Honduras

4:15  Maurizio Forte—Discussant

4:30  Questions and Answers

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**[101] SYMPOSIUM GLASS AND GLASS TECHNOLOGY: MULTI-DISCIPLINARY APPROACHES TO ARCHAEOLOGICAL RESEARCH**

**Room:** Continental Parlor 3

**Time:** 2:15 PM - 4:45 PM

**Chair:** Laure Dussubieux

**Participants:**

2:15  Janet Jones—Glass at the Crossroads: Production and Emulation at Phrygian Gordion

2:30  Katherine Larson—Raise a Glass: The Late Hellenistic Origins of Domestic Glass Tableware

2:45  Angela Susak Pitzer—Raw Materials, Reuse, and Refuse: A Multi-Disciplinary Study of Karanis Glass
Thursday Afternoon, April 16

3:00 Thomas Fenn—Ancient Glass Studies from 1st–2nd Millennium AD Africa: What Have We Learned and Where Are We Going
3:15 Heather Christie—Got Swag? Investigating Beads and Bead Trade in Scotland during the First Millennium AD
3:30 Shinu Abraham, Praveena Gullapalli and K.P. Rao—Beads, Bangles, and Glass: Historical and Ethnographic Insights into Glass Working in South India
3:45 Alysia Fischer—Some Suggestions for Archaeologists Who Have Glass at Their Site
4:00 Sara Cole—Curating Ancient Glass in the 21st Century Museum: The Case of the Yale University Art Gallery
4:15 Monica Ganio, Nicholas Barbi and Marc Walton—Hyperspectral X-Ray Fluorescence of the Luni glasses
4:30 Pamela Vandiver—Discussant

[102] SYMPOSIUM NEW INSIGHTS INTO PAINTED POTTERY FROM NORTHWEST CHINA
Room: Union Square 1
Time: 2:45 PM - 5:00 PM
Chairs: Ling-yu Hung and Liangren Zhang

Participants:
2:45 Eric Carlucci and Ling-yu Hung—Neolithic Northern China in the Context of Early Eurasian Interactions
3:00 Ting An—Considering a ‘Chinese Element’ in Southeast Europe before the 2nd Millennium BC
3:15 Yi-Xian Lin, Ian Freestone and Hui WANG—Understanding the Production of Majiayao Painted Pottery in Gansu: New Data and New Thoughts
3:30 Ling-yu Hung and Jianfeng Cui—Migration, Diffusion, and Trade: Potting in Neolithic NW China
3:45 Shuicheng Li—Painted Pottery of the Siba Culture and Its Implications
4:00 Liangren Zhang—The Dispersion of Early Painted Pottery in Northwest China
4:15 Enguo Lu—Prehistoric Painted Pottery of Xinjiang
4:30 Louisa Fitzgerald-Huber—Discussant
4:45 Questions and Answers

[103] GENERAL SESSION GIS, REMOTE SENSING, AND ARCHAEOLOGICAL MAPPING STUDIES
Room: Yosemite B
Time: 2:45 PM - 5:00 PM
Chair: Romina Martinez
Participants:

2:45  Guadalupe Zetina-Gutiérrez and Armando Anaya-Hernández—Archaeological Survey through the Use of Remote Sensing (LiDAR, Photogrammetry and Satelital Imagery) and GIS

3:00  Romina Martinez and Tamara Whitley—Predicting the Past: GIS Weighted Modeling on the Carrizo Plain National Monument

3:15  Kenichiro Tsukamoto—The Preliminary Results of Topographic Mapping at El Palmar

3:30  Kit Wesler—Taking High Tech Back to Basics: GIS and the Three Dimensions of Archaeology

3:45  Spencer Mitchell, Jessica Blinman and Erik Marinkovich—An Analysis of the Factors that Impact Accuracy during the Acquisition of Archaeological Geospatial Data through the Use of GPS Units

4:00  Alexander Makovics, Mark Gonzales and Dr. Matthew Adams—Mapping Abydos: Bridging the Gap between Legacy Data and Modern GPS Survey Methods in Egypt

4:15  Wade Campbell—A Predictive Model of Archaeological Site Location in the Hodh ech Chargui Region, Mauritania

4:30  Kelly Ervin, Alex Colvin, Philip Chaney, Kathryn Braund and April Antonellis—Mapping the Homelands: A Collaborative Effort of Auburn University, the National Park Service, and Native American Tribes

4:45  Gabriel Sanchez—Testing the Association of Chipped Stone Crescents with Wetlands and Paleo-Shorelines of Western North America: A GIS-based Spatial Analysis


Room: Golden Gate 2  
Time: 3:00 PM - 5:00 PM  
Moderator: Melissa Vogel

Participants:
Sarah Nelson—Discussant  
Uzma Rizvi—Discussant  
Andrew Roddick—Discussant  
Christopher Rodning—Discussant  
John Warner—Discussant

[105]  Symposium: Life in the Diminutive Realm: Human Adaptations to Smaller Island Environments
Program of the 80th Annual Meeting
Thursday Afternoon, April 16

(Sponsored by Journal of Island & Coastal Archaeology)
Room: Union Square 2
Time: 3:00 PM - 5:00 PM
Chairs: Scott Fitzpatrick and Aaron Poteate

Participants:
3:00 Aaron Poteate and Scott Fitzpatrick—Marginalization of the Margins: The Importance of Smaller Islands in Human Prehistory
3:15 Ian McNiven—Increase Rituals and Risk Management on the Precarious Small Sandy Cays of Central Torres Strait
3:30 Stephen Wickler—The Centrality of Small Islands in Arctic Norway from the Iron Age to the Recent Historic Period
3:45 Matthew Harris, Weisler Marshall and Ariana Lambrides—Small is not Necessarily Bad: 2000 Years of Sustained Habitation on Ebon Atoll, Marshall Islands
4:00 William Keegan—No Man or Woman is an Island Revisited: The Social Construction of Small Island Space
4:15 Patrick Faulkner, Alison Crowther, Mary Prendergast, Mark Horton and Nicole Boivin—Maritime Adaptations and Indian Ocean Trade in East Africa: The Role of Small Offshore Islands
4:45 Victor Thompson—Discussant

[106] SYMPOSIUM CALIFORNIA ARCHAEOLOGY AND CLIMATE CHANGE
(Sponsored by Society for California Archaeology)
Room: Golden Gate 6
Time: 3:00 PM - 5:00 PM
Chair: Michael Newland

Participants:
3:00 Michael Newland—Discussant
3:15 Nick Tipon—Discussant
3:30 Annamarie Leon Guerrero and Whitney Kirkendall—Cruising Along the Coastline: Exploring the Possibilities of Using LiDAR Data to predict Climate Change Affects Along the Southern Monterey Coast
3:45 Freddie Romero—Discussant
4:00 Jeannine Pedersen and Jere H. Lipps—Impact of Rising Sea Levels on Native American Cultural Sites in Southern California
4:15 Sandra Pentney and Marc Cavallaro—Downpours, Storm
Surges and Wildfires, Oh My! A Look at how Climate Change will Affect the Archaeological Record of San Diego County

4:30 Maximilian Jewett—Using Unmanned Aerial Vehicles for Aerial Photogrammetry on the San Diego Coastline

4:45 Marcy Rockman—Discussant

[107] **Symposium: Recent Doctoral Research on Colombian Archaeology**

**Room:** Golden Gate 4  
**Time:** 3:00 PM - 5:00 PM  
**Chairs:** Melanie Miller, Lucero Aristizabal Losada and Jennifer Salinas Acero

**Participants:**

3:00 Jorge Garcia, Agusto Oyuela-Caycedo and Alexis Rojas—Holocene Paleoclimate Reconstruction from δ18O Isotopes of Neocyclotus Opercula a Morphometric Analysis of Variation at the Archaic Site of San Jacinto1 Colombia

3:15 Jennifer Salinas Acero—Paleoethnobotanical Analysis of Preceramic Sites in the Sabana de Bogotá

3:30 Hernando Giraldo Tenorio—Prestige Economy and Leadership in Southwestern Colombia (400 BC–800 AD)

3:45 Lucero Aristizabal Losada—Alimentacion y Sociedad. Paleodieta de una Población Muisca de la Sabana de Bogotá, el caso de Tibanica-Soacha

4:00 Maria Corcione—Health Conditions between the Muisca-Tibanica Society: Bioarchaeological Analysis of Phenomena in Porous Skull

4:15 Melanie Miller, Sabrina Agarwal and Carl Langebaek—An Investigation of Dietary Histories and Skeletal Health in a Muisca Population (950–1350 AD, Sabana de Bogotá, Colombia)

4:30 Marcela Bernal—The Archaeology of Nuestra Señora Santa María de los Remedios del Cabo de la Vela, a colonial enterprise settlement for pearl fishing in the sixteenth century

4:45 Questions and Answers

[108] **Symposium: Archaeology and the New Materialism**

**Room:** Continental Ballroom Parlor 9  
**Time:** 3:15 PM - 5:00 PM  
**Chair:** Guido Pezzarossi

**Participants:**
3:15 Guido Pezzarossi—“Under the Volcano”: Assemblages, Causality and Volcanic Matter at San Pedro Aguacatepeque, Guatemala
3:30 Christopher Watts—Mutable Materials and Gathering Worlds
3:45 Lisa Johnson, Arlen Chase and Diane Chase—‘Limestone Bars’ as Power Objects among the Ancient Maya: A Consideration of Objects as Active Participants in Ritual Practice
4:00 Noa Corcoran-Tadd—Slow Thinking: Beyond the Entangled List
4:15 Jamie Arjona—Things that Queer: Disorienting Intimacies in Late Nineteenth Century Jooks
4:30 Andrew Bauer—The Archaeological Climate: New Materialisms and Ontologies of the Anthropocene
4:45 Rosemary Joyce—Discussant

[109] General Session • Protohistoric and Historic Archaeology in the New World
Room: Golden Gate 1
Time: 3:15 PM - 5:00 PM
Chair: Paul Eubanks
Participants:
3:15 Paul Eubanks and Ian Brown—Salt Production and Economic Specialization at Drake’s Salt Works
3:30 Jack Rossen—Agriculture and Inter-Village Space in the Ancient Haudenosaunee (Iroquois) World
3:45 Sarah Striker—Categorical Identity and Decorative Style in an Ancestral Wendat Sequence
4:00 Ashley Dumas—Eighteenth-Century Choctaw Pottery from Fort Tombecbe
4:15 Rebecca Wiewel—Protohistoric Social Dynamics in the Central Arkansas River Valley
4:30 Mallory Melton—Communal Food Processing and Culture Contact: An Analysis of Plant Foods and Architecture in the Protohistoric North Carolina Piedmont
4:45 Sandra Katz and Kathleen Allen—Stone Tool-Making at Two Sixteenth Century Cayuga Sites

[110] General Session • Resource Use, Environments, and Landscapes
Room: Continental Ballroom Parlor 8
Time: 3:15 PM - 5:00 PM
Program of the 80th Annual Meeting
Thursday Afternoon, April 16

Chair: Jennifer Rozo

Participants:
3:15 Kristin Corl—Faunal Evidence for Subsistence Strategies at Cottonwood Spring Pueblo
3:30 Christopher Guiterman, Thomas Swetnam, Jeffrey Dean, Nathan English and Christopher Baisan—Tree-Ring Sourcing of Great House Timbers and the Plaza Tree of Pueblo Bonito, Chaco Canyon, New Mexico
3:45 Jennifer Rozo—Home on the Range: An Environmental History of Land Use Changes at Paa-ko, New Mexico
4:00 Andrew Somerville and Margaret Schoeninger—Leporids and Landscapes: Stable Isotope Ratios of Rabbit and Hare Bones Reflect Local Environmental Conditions at Modern and Archaeological Sites
4:15 John Campbell—Transitional Archaic—“Mu Awsami Saqiwe’k” in the Maritime Provinces, Canada
4:30 Gerard Smith—The Caribou Didn’t Come Back: Modelling Human Migration Variations through Local Ecological Changes
4:45 Konnie Wescott, Angie Krall and Brian Fredericks—Cultural Landscape Assessment for the San Luis Valley-Taos Plateau

Symposium: Representaciones Gráfico Rupestres en el Estado de Oaxaca, Nuevas Investigaciones en la Arqueología del Paisaje
Room: Continental Parlor 2
Time: 3:30 PM - 4:45 PM
Chair: Pedro Ramon Celis

Participants:
3:30 Karina Jimenez Roman and Jorge Luis Ríos Allier—Un acercamiento al estudio de las pinturas rupestres en el Cerro Danush, Oaxaca.
3:45 Pedro Ramon Celis—Registros gráfico-rupestres en Yagul, pintura rupestre en contextos urbanos
4:00 Jorge Ríos and Juan Carlos Diaz Vazquez—Las manifestaciones grafico-ruptrestes en las Cuevas Prehistoricas de Yagul y Mitla (WH-UNESCO)
4:15 Angel Rivera—Discussant
4:30 Nelly Robles Garcia—Discussant

General Session: Beringia and the Arctic
Room: Union Square 25
Time: 3:30 PM - 5:00 PM
Chair: Richard Davis
Program of the 80th Annual Meeting
Thursday Afternoon, April 16

Participants:
3:30  Melissa Mueller, Ted Goebel, Julie Esdale and Kelly Graf—Archaeology of the Terminal Pleistocene McDonald Creek Site, Central Alaska
3:45  Norman Easton, David Yesner, Vance Hutchinson, Michael Grooms and Jordan Handley—New Dates and a Proposed Chronology for the Little John Site (KdVo-6), a Multi-Component Site in Eastern Beringia, Yukon Territory, Canada
4:00  Richard Davis—Aleutian Microtechnology in Anangula Times (9000–4000 BP)
4:15  Alison Harris and Vaughan Grimes—Exploring Human-Canid Interactions among the Dorset Using Stable Carbon and Nitrogen Isotope Analysis
4:30  Alyson Brown, Eduard Reinhardt and Aubrey Cannon—Sedimentary Evidence of Increasing River Discharge from Namu Lake, B.C. during a Period of Fluctuation in the Staple Pink Salmon Fishery
4:45  Vance Hutchinson, Norman Easton, David Yesner, Lauriane Bourgeon and Blaine Maley—Inter and Intra Site Patterns of the Late Pleistocene Fauna from the Little John Site (KdVo6), a Multi-Component East Beringia Site in Yukon Territory, Canada

[113]  GENERAL SESSION ■ THE HOUSEHOLD AS ANALYTICAL UNIT
Room: Golden Gate 5
Time: 3:30 PM - 5:00 PM
Chair: Ethan Epstein

Participants:
3:30  Rissa Trachman and Savannah Bradley—Household Shrines, Caches, and Burials: The Role of Ritual in Domestic Economy at Dos Hombres, Northwestern Belize
3:45  Jason Whitaker—Hinterland Household Economy: A Preliminary Analysis of Data from the San Lorenzo Settlement Cluster
4:00  Evan Parker, George Bey III, Tomás Gallareta Negrón, Stephanie Simms and Amanda Strickland—Household Socio-Economic Organization in Puuc Maya Suburbia: Excavations at Escalera al Cielo, Yucatán
4:15  Kirsten Vacca—Social Interaction through Structured Use of Space in the Early Hawaiian Household
4:30  Ethan Epstein—A Hearth with a View, the Spatial Analysis of a Late Holocene Hunter-Gatherer House
4:45  Peiyu Chen—Dwellings and Corporate Groups in Montegrande, Jequetepeque Valley, Peru: A Household Study of Social
Differentiation

[114] GENERAL SESSION  
ARTIFACTS AND THEIR PRODUCTION IN 
PREHISTORIC NORTH AMERICA

Room: Union Square 13
Time: 3:30 PM - 5:00 PM
Chair: Gregory Burns

Participants:
3:30 Adam Rorabaugh—Restricted Forms of Knowledge in Pre-contact Coast Salish Lithic Craft Traditions
3:45 Dennis Griffin—Sacred Artifact or Personal Totem: Results of an Analysis of a Carved Animal Sacrum Discovered Off the Oregon Coast
4:00 Diana Ewing—The Thermal and Transpirative Properties of Arctic Clothing Construction: A Women’s Adaptive Technology
4:15 Steven Dorland—Learning Landscapes within an Ancestral Wendat Village
4:30 Gregory Burns and Jelmer Eerkens—Stable Isotope Sourcing of Olivella Shell Beads from Central California
4:45 J.M. Adovasio and J.S. Illingworth—Fremont Basketry: Redux!
Thursday Evening ■ April 16, 2015

[115] GENERAL SESSION ■ THE ARCHAEOLOGY OF EAST AND SOUTHEAST ASIA
Room: Union Square 1
Time: 6:00 PM - 7:30 PM
Chair: Fumie Iizuka

Participants:
6:00 Gyles Iannone—Towards a Socio-Ecological Understanding of Agrarian-Based, Low-Density Urbanism in Early Tropical State Formations
6:15 Li Zhang—What was Erlitou? Social Transformations from the Longshan Period to the Erlitou Period in a Network Perspective
6:30 Fumie Iizuka, Masami Izuho and Pamela Vandiver—Adoption of Ceramic Technology: Case Study from Incipient Jomon of Southern Kyushu (ca. 13,500/14,000–12,000 cal yr BP)
6:45 Hiroto Takamiya and Hitoshi Yonenobu—Transition from Hunting and Gathering to Food Production on the Ryukyu Archipelago, Japan
7:00 Yuichi Nakazawa and Fumito Akai—An Application of Obsidian Hydration Dating to Prehistoric Sites in Japan
7:15 Emma Yasui—Starch and Stone: Preliminary Evidence from Jomon Period Ground Stone in Southwestern Hokkaido

[116] SYMPOSIUM ■ ARCHAEOLOGIES OF COLONIALISM AND EVERYDAY LIFE IN THE INDIAN OCEAN WORLD
Room: Union Square 21
Time: 6:00 PM - 7:45 PM
Chair: Julia Haines

Participants:
6:00 Diego Calaon—Gis, Heritage and Industrial Archaeology at Aapravasi Ghat
6:15 Julia Haines and Saša Caval—Boundaries and Networks on the 19th Century Bras d’Eau Sugar Estate
6:30 Rosa Fregel, Martin Sikora, Krish Seetah, Hannes Schroeder and Carlos Bustamante—Genetic Impact of Slavery Abolition in Mauritius: Ancient DNA Data from Le Morne and Bois Marchand Cemeteries
6:45 Krish Seetah—Objects Past, Objects Present: Materials, Resistance and Memory from the Le Morne Old Cemetery, Mauritius
7:00 Jonathan Santana Cabrera, Jo Appleby and Krish Seetah—The
Thursday Evening, April 16

Price of Freedom: Health Status in a Freed Slave Community in Le Morne (18–19th Centuries, Mauritius)
7:15 CHIP COLWELL—Makak: Between History and Heritage
7:30 NEIL PRICE—Discussant

[117] FORUM ■ PERFORMING THE PAST/PRESENT
Room: Golden Gate 2
Time: 6:00 PM - 8:00 PM
Moderators: Bryan Cockrell and Katherine Chiou
Participants:
Ruth Tringham—Discussant
Di Hu—Discussant
Marguerite De Loney—Discussant
Ann Danis—Discussant
Mary Praetzellis—Discussant
Anna Harkey—Discussant
Pilar Hernández Escontrías—Discussant

[118] POSTER SESSION ■ SITE FORMATION PROCESSES AND TAPHONOMY
Room: Grand Ballroom A
Time: 6:00 PM - 8:00 PM
Participants:
118-a Jacob Davis, Shiela Nightingale, Jessica Thompson and Elizabeth Gomani-Chindebvu—Quantifying the Effects of Erosional Processes on Stone Artifact Concentrations: Implications for Site Formation at Open-Air Paleolithic Sites
118-b Milena Carvalho and Jonathan Haws—The Taphonomic Study of Small Fauna Gruta da Nova Columbeira (Portugal)
118-c Steven Meredith and Daniel Turner—Excavation of an 11th Century Living Surface Buried Underneath a 19th Century Railroad Bed
118-d Kris Reinicke—GIS Illuminates Site Formation Processes: Archaeology of the Fortín de la Perla

[119] POSTER SESSION ■ ENVIRONMENTAL ARCHAEOLOGY AND HUMAN ECOLOGY
Room: Grand Ballroom A
Time: 6:00 PM - 8:00 PM
Participants:
119-a Caroline Funk, Nancy Bigelow, Debra Corbett, Brian Hoffman
Thursday Evening, April 16

and Nicole Misarti—Human and Environmental Histories of the Rat Islands, Western Aleutians, Alaska: The 2014–2015 Research Season

119-b Mariana Sanders, Stephen Acabado and John Peterson—Climate Change and Subsistence Shifts: Wet-Rice Agriculture in Ifugao, Philippines

119-c Angelina Perrotti, Michael Waters and Jessi Halligan—Paleoenvironmental Change and Megafaunal Extinction at Page-Ladson, Florida

119-d Kate Magargal—Fetching Firewood: Access to Fuels as a Constraint for Prehistoric Settlement

119-e Kathryn Mohlenhoff, Christopher Parker and Brian Codding—The Potential Integration of Niche Construction Theory into the Framework of Human Behavioral Ecology

119-f Isaac Hart, Jack Broughton and Ruth Gruhn—ENSO and the Rabbits of Baja California

119-g Peter Stahl, Florencio Delgado and Fernando Astudillo—Historical Ecology and Archaeology on the Galápagos Islands

[120] POSTER SESSION - PREDICTIVE MODELS, SURVEY, AND SITE DISTRIBUTIONS
Room: Grand Ballroom A  
Time: 6:00 PM - 8:00 PM

Participants:

120-a Ryan Hunter and Dawn Bringelson—Site Distribution Patterns at Indiana Dunes National Lakeshore

120-b Amanda Rasmussen—An Analysis of the Archaeological Remains at Fort Halifax Park

120-c Leslie Reeder-Myers—Modeling Sea Level Rise and Shoreline Change in a Complex Sedimentary Environment: Case Study from Chesapeake Bay

120-d Stephanie Hacker and Howard Cyr—An Integrative Archaeological and Geomorphological Approach to Understanding Site Distributions and Prehistoric Settlement Patterns along the Little River, East Tennessee

120-e Alex Badillo—Full-Coverage Survey Techniques in the Mountains of the Sierra Sur, Oaxaca, Mexico

120-f Stephanie Martin—The Late Bronze Age Theran Eruption: A Spatial Analysis Study of Permanent Abandonment Processes

120-g Kelsey Cornwell—Theoretical and Practical Advances in Underwater Regional Survey
Thursday Evening, April 16

[121] **Poster Session: Archaeological Technologies, Techniques, and Methods**

**Room:** Grand Ballroom A  
**Time:** 6:00 PM - 8:00 PM

**Participants:**

121-a Kathy Loftis, Alex Cherkinski and Robert Speakman—Application of Compound-specific Radiocarbon Dating of Hydroxyproline from Bone Collagen

121-b James Brown, James Chatters, Patrick McCutcheon, Jon Adler and James Feathers—Comparison of Radiometric Dating Techniques: Pacific Northwest

121-c Jessica Chapman—Faux for Fact: An Experimental Ceramic Restoration Process

121-d Sebastian Warmlander, Vanessa Muros, Ellen Pearlstein, Kym Faull and David Scott—Corrosion Concerns and Metal Soap Formation in Shea Butter-Containing Forawa Brass Vessels from Ghana

121-e Samantha Porter—A Portable Photogrammetry Rig for the Reliable Creation of High-Quality 3D Artifact Models in the Field

121-f Chelsea Gardner, Lisa Tweten and Maude Côté-Landry—From Stone to Screen: Squeezing into the World of Digital Archaeology

121-g Kristina Golubiewski-Davis—3D Scanning of Bronze: Repeatability and Reliability across scanners

121-h Corey Hartley and Lap Kwan Tang—Utilizing Tablets for Mobile Data Recording in a CRM Context

121-i Mark Schurr, Patrick Donohue and Antonio Simonetti—Multi-Element Characterization of Early Nineteenth Century Pottery Sherds from Native American and Euro-American Sites

121-j Andrew Barker, Jonathan Dombrosky, Amy Eddins, Kari Schlerer and Barney Venables—Taphonomy and Negative Results: An Integrated Approach to Residue Analysis

121-k Rebecca Biermann, Alison S. Brooks and David R. Braun—Accuracy and Precision of 3D Modeling in Lithic Analysis

121-l Jessica-Louise McNeil, Alex Marginson, Chris Clarkson and Alex Mackay—Colour Signature Analysis: A New Refitting Method

[122] **Poster Session: Experimental Archaeology and Actualistic Studies**

**Room:** Grand Ballroom A  
**Time:** 6:00 PM - 8:00 PM
Participants:
122-a Chelsea Reedy and Leland Bement—Tool Production, Subsistence, or Practice: An Investigation of Human Modified Bison Phalanges Present at the Bull Creek and Clary Ranch Sites
122-b Allison Grunwald—Bashing Bones—Experimental Archaeology and its Application to the Carter/Kerr-McGee Site
122-c Shelby Putt—The Origins of Stone Tool Reduction and the Transition to Knapping: An Experimental Approach
122-d Megan Harris—Replication of Stone Disk Beads from the Salish Sea Region, British Columbia
122-e Kathryn Ranhorn, Francys Subiaul, David Braun, Alison Brooks and Robert Kaplan—Detecting Signatures of Cultural Transmission: An Actualistic Study
122-f Spencer Pelton and Joshua Boyd—A Formal Model of End Scraper Performance on Dry Bison Hide
122-g Jay Stephens and Pam Vandiver—Technical Analysis and Replication of Corinthian Polychrome Slips, 8th–6th Centuries BCE
122-h Nicholas Waber—3D Photogrammetry and GIS for Tracking Edge Wear Accumulation in Lithic Experiments
122-j Emma Dellopoulos and Shelby Putt—Performativity and Pedagogy: the Effect of Verbal and Nonverbal Instruction on Experimental Acheulian Handaxe Symmetry
122-k Steven Shelley and Nathan Montalvo—Experimental Replication of Stone Tools Used for Agave and Similar Plant Harvesting and Processing

[123] Poster Session: The Afterlife of Archaeological Information: Use and Reuse of Digital Archaeological Data
Room: Grand Ballroom A
Time: 6:00 PM - 8:00 PM
Chair: Leigh Anne Ellison

Participants:
123-a Jennifer Milligan and Linda Scott Cummings—Moving Forward While Looking Backward
123-b Shawn Fehrenbach—A Digital Approach in Consultant
Archeology: PaleoWest at the Ironwood Village Site
123-c Jessica Trelogan, Lauren Jackson and Maria Esteva—Unlocking the Data Behind the Chora of Metaponto Publication Series: “On-the-Fly” Solutions for Sharing and Archiving an Evolving Collection

123-d Lauren Jelinek, Jon Czaplicki and M. Scott Thompson—The Digital Legacy of Public Archaeology in the Phoenix Basin, Arizona

123-e Rebecca Hill, M. Scott Thompson, Holly Young and Cory Breternitz—It Takes a (Big) Village: Preserving the Legacy of Pueblo Grande

123-f Francis McManamon and Julian Richards—Best Practices for Good Digital Curation

123-g Sarah Kansa, Eric Kansa, Andrew White, Stephen Yerka and David Anderson—DINAA and Bootstrapping Archaeology’s Information Ecosystem


123-i Matthew Boulanger and Michael Glascock—The Afterlife of Archaeometry; the Lawrence Berkeley National Laboratory Database Project

123-j Leigh Anne Ellison and Adam Brin—Synthesizing Legacy Data: Using tDAR’s Data Integration Tool

123-k Veronica Judd, Hannah Zanotto, David Abbott and Douglas Craig—Digging without Getting Dirty: Making Use of Archival Data to Explore Variations of Labor Costs in Hohokam Residential Architecture at Pueblo Grande

[124] Poster Session Crowdsourcing, Co-Creation, and Collaboration through Virtual Curation

Room: Grand Ballroom A
Time: 6:00 PM - 8:00 PM
Chair: Bernard Means

Participants:
124-a Michael Rogers and Scott Stull—Using Archaeogeophysical and 3D Laser Surveying to Visualize an Integrated Landscape

124-b Robert Selden, Timothy Campbell, Suzanne Eckert, Michael O’Brien and Mara Vasconcelos—Geometric Morphometrics & Elliptic Fourier Analysis of 3D Ceramic Data

124-c Bernard Means and Lauren Volkers—Bring Out Your Dead:
Pondering Passenger Pigeons (and Projectile Points) While Building Digital Type Collections at the Virtual Curation Laboratory

124-d Kristina Killgrove and Mariana Zechini—Giving 3D Scanning a Porpoise: Digitizing the Zooarchaeological Type Collection at the University of West Florida

124-e Jeb Card and Micayla Spiros—Three-Dimensional Scanning and Printing in Undergraduate Archaeology Education

124-f Lance Greene—Virtual Curation as an Integral Part of the Conservation Strategy at the Camp Lawton Confederate POW Site

124-g M. Jared Wood—Mi Datos Su Datos? Opportunities and Challenges Posed by Data Sharing

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[125] **POSTER SESSION**

**THE ACID TEST: EXPLORING THE UTILITY OF THE DIGITAL INDEX OF NORTH AMERICAN ARCHAEOLOGY (DINAA) FOR USE IN APPLIED RESEARCH**

*Sponsored by Digital Index of North American Archaeology (DINAA)*

**Room:** Grand Ballroom A

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

**Chairs:** Stephen Yerka and Kelsey Noack Myers

**Participants:**

125-a David Anderson, Stephen Yerka, Eric Kansa, Joshua Wells and Thaddeus Bissett—Big Data/Big Picture Research: DINAA (The Digital Index of North American Archaeology) and the Things Half a Million Sites Can Tell Us


125-d Stephen Yerka, R. Carl DeMuth and Kelsey Noack Myers—Built to Last: The Paleoindian Database of the Americas (PIDBA) and Openly-Shared Primary Data Meet the Digital Index of North American Archaeology (DINAA)
[126] **POSTER SESSION**

**DEVELOPMENTS IN FIRED CLAY CERAMIC REHYDOXYLATION DATING (RHX DATING)**

*Room:* Grand Ballroom A  
*Time:* 6:00 PM - 8:00 PM  
*Chairs:* Timothy James Scarlett and Kostalena Michelaki

**Participants:**

126-a  Timothy James Scarlett, Jaroslaw Drelich, Carl Lipo, Elizabeth Niespolo and Shan Zhao—Multi-Lab Collaborative Experiments with RHX Dating

126-b  Shan Zhao, Jaroslaw Drelich and Timothy James Scarlett—Revised Drying Conditions in Rehydroxylation (RHX) Technique for Dating Ceramic Artifacts

126-c  Steven Sarich and Timothy James Scarlett—Physical Characterization of Stoneware Ceramic Materials

[127] **SYMPOSIUM**

**ANTELOPE CAVE: A DRY ANCESTRAL PUEBLOAN (VIRGIN ANASAZI) SITE IN NORTHWESTERN ARIZONA**

*Room:* Continental Parlor 1  
*Time:* 6:00 PM - 8:00 PM  
*Chair:* Keith Johnson

**Participants:**

6:00  Keith Johnson—The Setting: Location, Environment and Excavation History

6:15  Joel Janetski—Antelope Cave and Far Western Anasazi Lifeways of the Virgin River Region

6:30  Jacob Fisher—Patch Choice Model Predictions for Jackrabbit Processing at Antelope Cave, Arizona

6:45  Adauto Araujo and Karl Reinhard—Parasites in Antelope Cave

7:00  Karl Reinhard and Isabel Teixeira-Santos—Dietary Reconstruction Based on Coprolites from Antelope Cave

7:15  Terence Murphy, Karen R. Adams and Keith L. Johnson—DNA Identification of Prehistoric Puebloan Quids

7:30  Karen Adams—Quids with Wild Tobacco (Nicotiana) Flowering Stems Inside

7:45  James Allison—Discussant

[128] **SYMPOSIUM**

**HISTORICAL ARCHAEOLOGY OF THE AMERICAN WEST**

*Room:* Union Square 2  
*Time:* 6:00 PM - 8:00 PM  
*Chair:* Emily Dale

**Participants:**
6:00 Nathan Acebo—Borderlands, Continuances and Violence: A Social Nexus at Black Star Canyon, San Juan Capistrano California
6:15 Erin Hegberg—Making Ends Meet in Frontier New Mexico
6:30 Rebecca Renteria, Ronald Towner, Anastasia Steffen and Galen McCloskey—Dendroarchaeology of the Otero Cabin, Valles Caldera National Preserve, New Mexico
6:45 Stephen LaValley—Who are the Martinez? A Report on and Examination of High Elevation Aspen Dendroglyphs in the Sangre de Cristo Mountains, New Mexico
7:00 Brendan Pelto—19th Century Mining Life in Michigan’s Upper Peninsula—The American West on the Wrong Side of the 100th Meridian
7:15 Emily Dale—Give Me a Y-Beam: Architecture and Agency at Rural Chinese Woodchopping Camps, Mineral County, Nevada
7:30 Melonie Shier—In Defence of the Fence in the American West
7:45 William Carroll—Shadows of Sand Creek: A Case Study of the Colorado War and Its Historical Legacy

[129] SYMPOSIUM: EL HOMBRE EN LA CuenCA DEL RIO LERMA. PASADO Y PRESENTE
Room: Union Square 13
Time: 6:00 PM - 8:00 PM
Chair: Rubén Hernández
Participants:
6:00 Yoko Sugiura, Gustavo Jaimes and Diana Martínez—La vida cotidiana a través de las vasijas ofrendadas en el contexto doméstico en Santa Cruz Atizapán y San Mateo Atenco, Estado de México
6:15 Margarita Caballero, Socorro Lozano-Garía and Beatríz Ortega—Trends in late Holocene Climate Change in Central Mexico
6:30 Maria De Muñoz, Minerva Mejia-Rangel, Miguel Moreno-Galeana, Gerardo Peréz-Ramírez and Yoko Sugiura-Yamamoto—Análisis de redes haplotípicas del DNA mitocondrial (parcial) de los pobladores del Valle de Toluca
6:45 Rubén Hernández—La interacción cultural en la cuenca alta del río Lerma: las subcuenca de Ixtlahuaca-Atlacomulco y Temascalcingo
7:00 Agapi Filini—Death, Ritual, and Social Space in the Cuitzeo Basin, Michoacán, México
7:15 Magdalena Garcia Sanchez—El río Lerma en la región de
Angamacutiro en el pasado reciente
7:30 Alberto Aguirre—Transformaciones e historia entre Michoacán y Guanajuato a partir de las plantas hidroeléctricas en el siglo XX
7:45 Angeles Alberto-Villavicencio—Apropiación de recursos naturales, configuración territorial y paisajística en torno al río Lerma, Zona Metropolitana La Piedad-Pénjamo

[130] GENERAL SESSION • RECENT METHODOLOGICAL ADVANCES IN MESOAMERICAN AND MAYA ARCHAEOLOGY
Room: Imperial Ballroom B
Time: 6:00 PM - 8:00 PM
Chair: Mario Zimmermann

Participants:
6:00 Nayeli Jiménez-Cano—A Zooarchaeological Record of Ancient Fishes from the Maya: Evidence from Fish Bones in the Study of Ancient Fisheries
6:15 Stephanie Simms—Neglected Root Crops of the Prehispanic Maya
6:30 Mario Zimmermann, Carlos Matos, Lilia Fernandez and Rafael Cobos—Games and Foodstuffs at Chichen Itza: Relating Patolli and Starch Grains at Structure 2D6
6:45 Eric Heller—Ancient Maya Elite Political-Economic Practices at La Milpa North, Northwestern Belize
7:00 Brandon McIntosh—Bird and Fish Remains from Isla Cilvituk: Evidence of Ecological and Market Niche Construction in a Postclassic Maya Lacustrine Environment
7:15 Garth Norman—13th Baktun Rebirth at Izapa: Discovery Vistas with New Technologies in Applied Structural Archaeology are Writing Preclassic History
7:30 Jon Lohse, Derek Hamilton, Victoria Smith, Mark Brenner and Jason Curtis—A Record of Late Holocene Volcanic Activity from Highland Guatemala
7:45 Eva Jobbova—New Research into the Dynamics of Human-Environment Relationships in the Maya Region

[131] GENERAL SESSION • ARCHAEOLOGICAL AND BIOARCHAEOLOGICAL PERSPECTIVES ON VIOLENCE, CONFLICT, AND WARFARE
Room: Imperial Ballroom A
Time: 6:00 PM - 8:00 PM
Chair: Rick Schulting

Participants:
6:00  Igor Chechushkov—Is Fortification Always about Defense? The Case of Middle Bronze Age Fortified Settlements in Northern Eurasia

6:15  William Carleton, Mark Collard and Dave Campbell—Rainfall and Conflict among the Lowland Classic Maya

6:30  Cameron Howell—Mississippian Conflict and the Role of the Fission-Fusion Process: An Example from East Tennessee

6:45  Rick Schulting, Angela Lieverse, Vladimir Bazaliiskii and Andrzej Weber—Interpersonal Violence among the Prehistoric Hunter-Gatherers of Cis-Baikal, Southern Siberia

7:00  Casey Hegel—Depopulation and Massacres: Bioarchaeological Evidence of Violence within the Ancestral Pueblo of the Southwest Region of North America

7:15  Kathryn Baustian—The Bioarchaeology of Social Order: Cooperation and Conflict among the Mimbres (AD 550–1300)

7:30  B Geiger—Cuts to the Bone: Using Scalping Evidence to Examine the Relationship between Warfare and Gender in Pre- and Proto-Historic North America

7:45  Eric Harkleroad—A New Approach to Warfare

[132]  GENERAL SESSION MARKERS AND METHODS IN BIOARCHAEOLOGY AND FORENSIC ARCHAEOLOGY
Room: Golden Gate 1
Time: 6:00 PM - 8:00 PM
Chair: Elizabeth Weiss

Participants:
6:00  Elizabeth Weiss—Kneeling Difficulty and Osteoarthritis: What Data from the Osteoarthritis Initiative can Tell Us about Prehistoric Californians

6:15  Laura Cirillo, Alexandra McGough, Julie Ding, Rebecca Jabbour and Gary Richards—Geometric Morphometric Assessment of Cranial Shape Change in Trigonocephaly

6:30  Cristina Tica and Xenia-Paula Kyriakou—Osteoarthritis in the Elbow and Knee from a Modern Documented Cemetery Collection in Cyprus: Using “New” Bones to Understand “Old” Ones

6:45  A. Jay Van Der Reijden—A Global Classification System for Cultural Dental Modification: Created and Assessed

7:00  Sarah Voeller and Ann Ross—Using GIS to Re-Associate Commingled Skeletal Remains

7:15  Tito Mijangos—Interpretaciones entorno a un contexto funerario múltiple en el valle de Etla, Oaxaca, México
Thursday Evening, April 16

7:30   Emily Cline—St Bees Man: A Cold Case Review
7:45   Agamemnon Pantel, Mark Noah, Kristen Baker and Chester Walker—Forensic Archaeological Research in the Recovery of WWII MIA’s on a Pacific Atoll: Tarawa

[133]   GENERAL SESSION ARTIFACTS AND ARTISANS IN ANCIENT MESOAMERICA
   Room: Continental Ballroom Parlor 8
   Time: 6:00 PM - 8:00 PM
   Chair: Jared Katz

Participants:
6:00   Lisa DeLance—From Rags to Riches: The Class, Status, and Power of Clothing among Ancient Maya Women
6:15   Katherine Shurik—Role of Handstones in Mesoamerican Ballgame
6:30   Jennifer Lapp—The Lithics of Conchal, Nicaragua and the Story they Tell
6:45   Dylan Birch—Tula 2014: Reexamining Ball Court 2 through Cross-Cultural Comparisons with the Yucatan
7:00   Kaylee Spencer and Maline Werness-Rude—Columns and Ideology-Building in the Northern Maya Lowlands
7:15   Jared Katz—Music in the Court: An Analysis of the Status of Musicians in the Maya Court
7:30   Megan Leight—The Art of Noise at Teotihuacan: The Conch Shell Motif in the Classic Period
7:45   Timothy Garfin, Sachiko Sakai and Hector Neff—Possible Functions of a Late Prehistoric Coarseware from the Estuary Zone of Eastern Soconusco

[134]   SYMPOSIUM ARCHAEOLOGICAL RESEARCH IN THE CAÑETE VALLEY, PERU
   Room: Continental Ballroom Parlor 7
   Time: 6:00 PM - 8:15 PM
   Chair: Francesca Fernandini

Participants:
6:00   Favio William Ramirez Muñoz—Aprovechamiento de Recursos Renovables Durante el Horizonte Tardío en la Cuenca Hidrográfica del Río Cañete
6:15   Alejandro Chu—Archaeological Data vs Historical Accounts. The Inca Occupation of Incahuasi, the New Cusco, Cañete, Peru
Thursday Evening, April 16

6:30 Giancarlo Marcone, Nina Castillo, Rodrigo Areche and Geraldine Huertas—Qhapaq Ñan Project’s research at the Guarco Site, Cañete Peru

6:45 Francesca Fernandini—Change and Continuity in Ceramic Production at Cerro de Oro, Cañete

7:00 Rosa Maria Varillas—Technique and Style in Textiles from the Cerro de Oro site

7:15 Carol Rodriguez—Characterization of the Cerro de Oro Pottery Style

7:30 Grace Alexandrino Ocaña—Wari Funerary Contexts: An Elite Funerary Chamber in Cerro de Oro, Cañete Valley

7:45 Lawrence Coben and Eberth Serrudo T.—The Inca Incorporation of the Canete Valley, Part 1: Conquest or Incanization

8:00 Eberth Serrudo, Lawrence Coben and Erika Cabello—The Inca Incorporation of the Canete Valley, Part 2: Strategies and Responses, Excavations at Huaca Daris

[135] SYMPOSIUM FORAGING SPECTRA: HUNTER-GATHERER DIVERSITY IN PREHISTORY
Room: Golden Gate 7
Time: 6:00 PM - 8:15 PM
Chair: Ashley Lemke

Participants:

6:00 Ashley Lemke—Hunter-Gatherers and Prehistory

6:15 Gustavo Politis—Myths about the Tropical Rainforest Hunter-Gatherers: A Reappraisal from South America

6:30 Raven Garvey and Robert Bettinger—Cultural Transmission and Diversity among Hunter-Gatherers of the Subarctic and Subantarctic

6:45 Mike Cannon and David Meltzer—Forager Mobility, Landscape Learning, and the Colonization of the Americas

7:00 Questions and Answers

7:15 Brian Stewart and Peter Mitchell—Beyond the Shadow of a Desert: Illuminating Southern Africa’s Foraging Spectra

7:30 Nicholas Conard and Britt Starkovich—Explaining Diachronic Trends in Paleolithic Subsistence in Central Europe

7:45 Steven Kuhn and Mary Stiner—The Antiquity of Hunter-Gatherers Revisited

8:00 Robert Kelly—Discussant
[136] **SYMPOSIUM: NEWS OF THE WEIRD (ARCHAEOLOGY)**
(Sponsored by Media Relations Committee)

**Room:** Plaza A  
**Time:** 6:00 PM - 8:15 PM  
**Chair:** Zachary Nelson

**Participants:**
6:00 Andrea Messer—Maya Apocalypse 2012 in the Media: The Cataclysm that Never Was
6:15 Meredith Wismer-Lanoe and Zachary Nelson—Faked But Not Forgotten: The Enduring Appeal of the Crystal Skulls
6:30 Kimball Banks—NANU, NANU: Nabta and New Agers
6:45 Zachary Nelson—Atlantis and the Hall of the Ancients
7:00 Gina Buckley-Yost—Noah’s Ark: The Temptation of Media
7:15 Renata Wolynec—Rock Art and Aliens
7:30 Krystal Hammond—Research with an Agenda: Creationist Media on Archaeological Discoveries
7:45 Lauren Milideo—Media Portrayals of Viking Rune Stones in North America
8:00 Andrea Messer—Discussant

[137] **SYMPOSIUM: ATLANTIC CROSSING: SIDE VIEWS ON ROCK ART**

**Room:** Union Square 25  
**Time:** 6:00 PM - 8:15 PM  
**Chairs:** Ramon Valcarce and Carlos Rodriguez-Rellan

**Participants:**
6:00 Curtis Schaafsma and Polly Schaafsmesa—How Values, Prejudice, and Social Issues Shape Rock Art Research in North America
6:15 Andrew Vorsanger and Steve Swanson—Sacred vs. Secular: Pre-Hispanic Village Landscapes in Southwest New Mexico
6:30 Lucia Clayton Martinez—Patterns through Space: A Spatial Analysis of Murujuga Rock Art, Northwest Australia
6:45 Julian Martinez—Pintura Rupestre Postpaleolítica de las Sociedades Complejas en el Sur de la Península Iberica
7:00 Carlos Rodriguez-Reillan and Ramón Fábregas Valcarce—Watch Out for Rocks: A GIS and Agent-Based Modeling Approach to the Rock Art of Northwestern Iberia
7:15 Peter Skoglund—Approaches to Scandinavian Rock-art
7:30 Johan Ling—War Related Social and Ritual Traits in Rock Art
7:45 Ulf Bertilsson—Carved Footprints and Prehistoric Beliefs: Examples of Symbol and Myth, Practice and Ideology
8:00 Questions and Answers
Thursday Evening, April 16

[138] SYMPOSIUM NEW RESEARCH AND EMERGING SCHOLARS WORKING ON PUBLIC LANDS ADMINISTERED BY THE BUREAU OF LAND MANAGEMENT
Room: Union Square 14
Time: 6:00 PM - 8:15 PM
Chairs: Tamara Whitley and Stephen Overly

Participants:
6:00 Stephen Overly—The Past, Present, and Future of Archaeological Investigation on the BLM: An Introduction to Public Research on Public Lands
6:30 Josephine McDonald, Gregory Haverstock and David Lee—Volcanic Tableland Rock Art: Research and Management in the Western Great Basin
6:45 Aaron Woods, Barbara Roth and Katelyn DiBenedetto—Evaluating Land Use in the Mojave Sink: Survey Data from Afton Canyon, San Bernardino County, California
7:00 Andrea Catacora and Jo McDonald—Digital Data Collection, D- Stretch And Databases: New Approaches To Recording Rock Art In Lincoln County
7:15 Carly Whelan—Hunter-Gatherer Storage and Settlement: A View from the Central Sierra Nevada
7:30 David Whitley—Setting and Function of the Pahranagat Valley, NV, Petroglyphs: Archaeological and Ethnographic Perspectives
7:45 Martin Stein—A New View of the Desert—The Permian Basin Programmatic Agreement Research Program in Southeastern New Mexico
8:00 Marcel Kornfeld and George Frison—Paleoindians and Rockshelters in the Middle Rocky Mountains

[139] GENERAL SESSION EXPERIMENTAL ARCHAEOLOGY
Room: Golden Gate 4
Time: 6:00 PM - 8:00 PM
Chair: Colleen Bell

Participants:
6:00 Rhiannon Stammers, Andy Herries and Nicola Stern—Testing the Greasy Lustre: A Mass Gloss Analysis of Coarse Grained Silcrete from the Willandra Lakes World Heritage Area, South-Eastern Australia
6:15 Katherine Sterner-Miller, Robert Jeske and Robert Ahlrichs—
Thursday Evening, April 16

Understanding Oneota Stone Tool Functions: A Case Study of Precision and Accuracy in Use-Wear Analysis

6:30 Kevin Smith—Examining the Function of Lithic Crescents as Transverse Projectile Points: An Experimental Approach

6:45 Emma James, Erik Otárola-Castillo, Jessica Thompson and Shannon McPherron—Human Volunteers and Mechanical Arms: Quantitative and Comparative Analysis of Bone Surface Modifications Created by Humans and Machines

7:00 Kathryn Frederick—Holes: The Beginners Guide to Food Caching

7:15 Angelique Neffe—Jade Polishing Techniques in NW Alaska, from the End of the 1st Millennium AD to the 18th Century

7:30 Sarah McCormick—Manufacturing Basketmaker III Bone Objects

7:45 Colleen Bell—What Were They Thinking? Using Electroencephalogram (EEG) to Map Brain Activations during Stone Tool Manufacture

[140] SYMPOSIUM ON CHRONOLOGY, EXCHANGE, IDENTITY: ELEMENTAL ANALYSIS OF GLASS BEADS FOR ASSESSING REGIONAL INTERACTION

Room: Continental Parlor 3
Time: 6:00 PM - 8:30 PM
Chairs: Heather Walder and Adrianne Daggett

Participants:
6:00 Alicia Hawkins, Joseph Petrus and R.G.V. Hancock—LA ICP-MS Analysis of Glass Beads from 17th Century Huron-Wendat Sites in Ontario

6:15 Dennis Blanton and Elliot Blair—The Complex Story of Complex Beads: Elemental Analysis of Some Early Types from the Southeastern US

6:30 Jessica Dalton-Carriger and Elliot Blair—Answering Chronological and Regional Interaction Questions via pXRF and LA-ICP-MS Analyses in the Interior Southeast

6:45 Heather Walder—“A Thousand Beads to Each Nation:” A Social Interpretation of Glass Trade Bead Distribution in the Upper Great Lakes Region of North America

7:00 Marilee Wood and Laure Dussubieux—Chemical Analysis of Chinese and other Lead Glass Beads from Songo Mnara, Tanzania

7:15 Abidemi Babalola, Laure Dussubieux and Susan McIntosh—Glass Beads from Igbo Olokun, Ile-Ife: Chemical Composition,
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Production, and Regional Interaction
7:30 Vanessa Muros, Nikos Zacharias, William Shelley and Ioanna Kakoulli—The Technology and Trade of Glass in SE Europe: Analysis of 12th–9th c. BC Beads from Lofkënd and Methone

7:45 Mark Aldenderfer and Laure Dussubieux—Regional Connections Identified through the Analysis of Glass Beads from Samdzong, Upper Mustang, Nepal, CE 500

8:00 Laure Dussubieux and Thomas Oliver Pryce—Elemental Composition of Iron Age Glass Beads from Myanmar

8:15 Questions and Answers

Symposium: Preceramic and Early Agrarian Communities in the Basin of Mexico: New Perspectives
Room: Continental Ballroom Parlor 9
Time: 6:00 PM - 8:30 PM
Chairs: Emily McClung De Tapia and Guillermo Acosta Ochoa

Participants:
6:00 Emily McClung De Tapia—Geoarchaeological and Environmental Studies in the Basin of Mexico

6:15 Guillermo Acosta Ochoa and Emily McClung de Tapia—Early Agrarian Societies in the Basin of Mexico: Challenges and Perspectives

6:30 Iran Rivera and Sergey Sedov—Paleosols and Human Activities in the Lakebed Area of the Basin of Mexico during the Middle Holocene

6:45 Diana Martinez-Yrizar, Carmen Cristina Adriano Morán, Emilio Ibarra-Morales and Isay Alan Martinez-Flores—Restos botánicos del sitio Precerámico de San Gregorio Atlapulco

7:00 Víctor Hugo García Gómez and Guillermo Acosta Ochoa—Procedencia e Intercambio de obsidiana durante el Holoceno Medio en la Cuenca de México (ca. 6200–5000 calBP). Un análisis mediante pXRF

7:15 Dan Healan—The Obsidian Industries of Altica, Mexico

7:30 Georgina Ibarra, Felipe Ramírez, Elizabeth Solleiro and Sergey Sedov—Soil, Landsurfaces and Settlements Under Lava: The Case of Cuicuilco, Mexico

7:45 Ximena Ulloa-Montemayor, Joaquín Arroyo-Cabrales, Eduardo Corona-M., José Alberto Cruz and Diana Karina Blancas—Estudio Arqueozoológico del sitio precerámico de San Gregorio, Xochimilco, México

8:00 Jeffrey Parsons—Discussant

8:15 Questions and Answers
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[142] SYMPOSIUM: THE TECHNOLOGIES OF ANCIENT INFRASTRUCTURES
Room: Plaza B
Time: 6:00 PM - 8:30 PM
Chair: Darryl Wilkinson

Participants:
6:00 Darryl Wilkinson—Theorizing Infrastructure
6:15 Peter Johansen and Andrew Bauer—The Techno-Politics of Water and Iron: Resource Materialities in South Indian (Pre)History
6:30 Uzma Rizvi—Harappan Urbanites: Standardization, Ratios and Subjectivity
6:45 Stephen Berquist and Edward Swenson—Infra-Structuration of Imperial Power in Ancient Angkor and the Andes
7:00 Victor Raharijaona and Susan Kus—“My Only Equal [as Sovereign of this Land] is Rice”: The “Technology” of Rice Production Politically Deployed and Ideologically Appropriated in Early Merina “States” of Central Madagascar
7:15 Questions and Answers
7:30 Benjamin Skousen—Pilgrimage Centers, Infrastructure, and Cahokian Politics
7:45 Scott Hutson—Inter-site Causeways as Political Infrastructure in the Northern Maya Lowlands
8:00 Sarah Jackson—Human-Object Relationships in Classic Maya Contexts: Object Technologies, Political Participants, and Cultural Infrastructures
8:15 Rebecca Bria—The Infrastructure of Community: Agricultural Intensification and the Development of Corporate Groups at Hualcayán, Peru

[143] SYMPOSIUM: CACHE CAVE IN CONTEXT: UNVEILING NEW DISCOVERIES IN SOUTH CENTRAL CALIFORNIA
Room: Yosemite A
Time: 6:00 PM - 8:30 PM
Chairs: David Robinson, Julienne Bernard and John Johnson

Participants:
6:00 Julienne Bernard, David Robinson and John Johnson—Introducing the Cache Cave Archaeological Project: Background, Aims, and Methods
6:15 David Robinson and Julienne Bernard—Cache Cave: Site
Structure and Chronology
6:30 David Earle and John R. Johnson—Ethnohistoric Insights Pertaining to the Emigdiano Chumash and Other Southern San Joaquin Valley Indigenous Groups
6:45 Michelle Wienhold, Alana Springer and Abby Viselman—Cache Cave in Context: 3D Scanning Complex Cave Environments for Mapping and In-Situ Documentation of Artifacts
7:00 Edward Jolie—Preliminary Insights from the Cache Cave Textile Assemblage
7:15 Gloria Brown, Daniel Reeves and David Robinson—Serrated Scapular Tools from Cache Cave
7:30 Allison Hill and Julienne Bernard—Assessing the Use of Lithic Artifacts in the Manufacture of Fiber Technologies at Cach Cave
7:45 Dan McArthur and David Robinson—Cave Sticks? An Investigation into the Use and Purpose of Bifurcated Sticks Found in Cache Caves
8:00 Timothy Murphy IV—Contextual Implications: Excavating Open Air Sites Adjacent to Cache Cave
8:15 Daniel Reeves—Signs of Authority? Symbolic Media and Items of Personal Adornment from Cache Cave

[144] SYMPOSIUM, THE MATACANELA ARCHAEOLOGICAL PROJECT 2014
Room: Continental Parlor 2
Time: 6:00 PM - 8:30 PM
Chairs: Marcie Venter and Xochitl Leon Estrada
Participants:
6:00 Marcie Venter—Introduction to the Matacanela Archaeological Project: Collapse and Political Reorganization in a Lowland Mesoamerican Society
6:15 Mauricio Cuevas and Carl Shields—Mapping Matacanela—The Complementary Work of Topographical Survey and LiDAR
6:30 Xochitl Leon Estrada and Heather Seale—Settlement at Matacanela: Preliminary Interpretations
6:45 Sara Rosiles Hernandez and Philip J. Arnold III—Surface Ceramic Distributions at Matacanela, Southern Veracruz, Mexico
7:00 Shayna Lindquist and Xochitl Leon—The Obsidian of Matacanela
7:15 George Crothers, Justin N. Carlson, David Gárate and Matthew Litteral—Electromagnetic Induction Survey at Matacanela to Detect Off-Mound Structures and Landscape Features
7:30 Lourdes Budar—Prehispanic Sculpture from Matacanela
Thursday Evening, April 16

7:45  Maximiliano Sauza and David Gárate—Perceptions of the Matacanela Archaeological Site by the People of Zapoapan de Cabañas

8:00  Deborah Nichols—Discussant

8:15  Questions and Answers

[145] SYMPOSIUM: TRIBES, CHIEFDOMS AND EARLY STATES IN LATE PREHISTORIC JAPAN
Room: Golden Gate 3
Time: 6:00 PM - 8:30 PM
Chair: Ken-ichi Sasaki

Participants:
6:00  Masaki Shibata—History of Research into the Jomon-Yayoi Transition
6:15  Kazunori Misaka—Beginning of Agriculture and Immigrants from the Korean Peninsula in Prehistoric Japan
6:30  Atsushi Uemine—Settlement Expansions during the Yayoi Period, Japan
6:45  Kunihiko Wakabayashi—Wars and Battles as Cultural Phenomena in Bronze and Early Iron Age of Japan
7:00  Gen Miyoshi—Transition from the Yayoi to Kofun Periods in Third Century A.D. Japan
7:15  Yutaka Tanaka—Wide-Range Regional Interaction Prior to State Formation in Late Prehistoric Eastern Japan
7:30  Masanori Kawano—Spread of Digging Tools and the Social Change in Kofun Period Japan
7:45  Joseph Ryan—The Role of Iron Weaponry and Martial Ideology in the Political Consolidation of Early Japan
8:00  Ken-ichi Sasaki—Adoption of Horse-Riding Practices in Fifth-Century Japan and its Political Significance
8:15  Tetsuo Hishida—A Religious Perspective on State Formation Process in Seventh Century A.D. Japan

[146] SYMPOSIUM: THE ARCHAEOLOGY OF COMMON SENSE
Room: Continental Ballroom 4
Time: 6:00 PM - 8:30 PM
Chairs: Pamela Geller and Ann Kakaliouras

Participants:
6:00  Thomas Patterson—Too Much Common Sense, Not Enough Critical Reflection
6:15  Larry Zimmerman—On the Need for More "Gut Theory" in
Academic Archaeology
6:30 Jason De Leon—The Edge of Humanity: Why Commonsensical Notions about Nature Impede our Understandings of Structural Violence in the Arizona Desert
6:45 Ann Kakaliouras—Quantifying Indianness: Commonsensical Practice in U.S. Bioarchaeology and Skeletal Biology
7:00 Jon Daehnke—Turning Privilege into "Common-Sense": Truth-Claims and Control of Cultural Heritage
7:15 Pamela Geller—Love Never Dies?
7:30 Shankari Patel—Women, Reproduction, and Fertility: How "Common-Sense" Assumptions of the Present Filter into the Mesoamerican Past
7:45 Michael Frachetti—The Common Sense of Institutions and Modalities of Happiness
8:00 Ian Hodder—Discussant
8:15 Agustin Fuentes—Discussant

[147] SYMPOSIUM HERE BE DRAGONS: ARCHAEOLOGY IN NORTH CENTRAL BELIZE
Room: Golden Gate 8
Time: 6:00 PM - 8:45 PM
Chairs: Helen Haines and Kerry Sagebiel

Participants:
6:00 Sherman Horn, Terry Powis and David Pendergast—Of Watery Rocks and Slumbering Crocs: A Reappraisal of the Middle Preclassic at Altun Ha and Lamanai
6:15 Joshuah Lockett-Harris, Helen Haines and Kerry Sagebiel—Place Making, Authority, and Ancestors: New Evidence of Developing Middle Formative Socio-Political Complexity from Ka’Kabish, Northern Belize
6:45 Kerry Sagebiel—Dragons through a Ceramic Lens: Evidence for a North-Central Belize Ceramic (Sub-)Sphere
7:00 Anne Pyburn—The Same, but Different
7:15 Helen Haines and Sagebiel Kerry—“A Mischief that is Past and Gone”: Situating Ka’Kabish in the Larger Ancient Maya Political
7:30 Toni Gonzalez and Helen R. Haines—“Forth from this Dark and Lonely Hiding Place”: Chultun Excavations at Ka’Kabish
7:45 Carmen Ting—The Production and Exchange of Early Postclassic Elite Wares in the Eastern Maya Lowlands
Thursday Evening, April 16

8:00 Scott Simmons and Elizabeth Graham—The Island and the Mainland: Connections between Maya Communities on Ambergris Caye and North-Central Belize
8:15 Sarah Wolff and Tracie Mayfield—Recent Historical-Archaeological Study of the Late-Colonial Period at Lamanai, Belize
8:30 David Pendergast—Discussant

[148] SYMPOSIUM ■ NEW PERSPECTIVES IN FOLSOM ARCHAEOLOGY
Room: Golden Gate 6
Time: 6:00 PM - 8:45 PM
Chair: Brooke Morgan

Participants:
6:00 Robert Lassen—Making Sense of the Variation in Folsom Projectile Point Technology
6:15 Thomas Jennings—Exploring the Relationship between Folsom and Midland Points in the Southern Plains
6:30 John Seebach—Folsom Toolkit Replenishment at Chispa Creek, Texas: Comparing Bifacial to Unifacial Technologies
6:45 Leland Bement—Beaver River Complex Contribution to Folsom Archaeology: An Update and Future Directions
7:00 Kristen Carlson—Folsom Adaptations to Bison Hunting: A Comparison of Northern and Southern Plains Arroyo Trap Kills
7:15 Brendon Asher—Folsom from the Continental Divide to the Plains-Woodland Border: Examining Patterns in Artifact Distribution and Lithic Procurement
7:30 William Reitze—Folsom on the Edge of the Plains: Occupation of the Estancia Basin, Central New Mexico
7:45 Brooke Morgan and Brian Andrews—Folsom Households and Community Structure: A New Look at Hunter-Gatherer Lifespace
8:00 Todd Surovell and Matthew O’Brien—Ethnoarchaeological Perspectives on Folsom Households
8:15 Frederic Sellet—Discussant
8:30 Questions and Answers

[149] GENERAL SESSION ■ GLOBAL STUDIES IN ROCK ART ANALYSIS AND INTERPRETATION
Room: Franciscan CD
Time: 6:00 PM - 8:45 PM
Chair: Jennifer Huang

Participants:
Thursday Evening, April 16

6:00 Kendra Rodgers—Using GIS in Archaeological Research: A New Look at Hunting Rock Art Sites
6:15 Ghilraen Laue—Exploring Regionality: A Chaîne Opératoire Approach to ‘Style’ in the Rock Art of the Eastern Cape Province, South Africa
6:30 Sam Challis—Medicine Dog; Medicine Baboon: Images of Horses Perceived by Contact Cultures in Rock Art
6:45 Nicole Lohman—New Methods for Rock Art Recording at Petrified Forest National Park
7:00 Jonathan Dubois—Exchanges in Stone: Tracing the influence of Amazonian Peoples on Andean Ones as Expressed in the Rock Art of Huánuco, Peru
7:15 Joan-Mary Ogiogwa—Cultural Survivals and Social Memories
7:30 Lourenco Pinto—Understanding Variation: Stylistic Ethnographic Analysis of Rockart from the Makgabeng Plateau, Limpopo Province, South Africa
7:45 Robert Haubt—The Rock Art Database: Centralizing and Streamlining Heritage Data Using the CIDOC Reference Model
8:00 David Reid—Rock Art and Prehistoric Roads: The Connection in Southern Peru
8:15 Jennifer Huang and Jane Kolber—What the Imagery Offers: Rock Art in the Study of Ancient Chacoan Culture
8:30 Audrey Lindsay, Victoria L. Muñoz, Jeremy B. Freeman and Carolyn E. Boyd—High Tide in the Lower Pecos: Digital Documentation of the Threatened Rattlesnake Canyon Mural

[150] GENERAL SESSION: THE ARCHAEOLOGY OF THE PALEOINDIANS AND EARLY NEW WORLD OCCUPATIONS
Room: Yosemite C
Time: 6:00 PM - 8:45 PM
Chair: Gary Haynes

Participants:
6:00 Amy Nelson and Jordan Pratt—Investigation and Analysis of Anthills Found in Archaeological Settings in the Northern Great Basin
6:15 Danielle Felling—Lithic Technological Organization at Last Supper Cave: Reconstructing Paleoindian Mobility and Landscape Use at an Upland Site in Northwestern Nevada
6:30 Heather Smith—The Late Pleistocene Transmission of Fluted-Point Technology Across a Continent: A Morphological Investigation
6:45 William Jerrems—The Rise and Fall of Lake Lahontan and the
Thursday Evening, April 16

Climactic Implications for Paleoindian Inhabitants of the Great Basin
7:00  John Lambert, Thomas Loebel and Matthew Hill—Paleoindians on the Postglacial Margin: Early Holocene Hunter-Gatherer Mobility in Northern Wisconsin

7:15  Jesse Tune—Defining Cumberland Lithic Technology: A Study of Biface Technological Variation and Landuse Patterns

7:30  David Kilby, George Crawford and Stacey Bennett—New Investigations into a Late Paleoindian Bison Kill and Terminal Pleistocene Environmental Change at Blackwater Draw Locality

7:45  Zachary Singer and Brian Jones—Documenting Variability among a Geographic Cluster of Paleoindian Sites on the Mashantucket Pequot Reservation in Southeastern Connecticut

8:00  Marsha Sims—The Southern Hummingbird, Give Me Five

8:15  Gary Haynes—The Inglewood Mammoth (Maryland) and Others Like It

8:30  Rafael Suarez—Living on the River Shore: Late Pleistocene and Early Holocene Human Adaptations in the Uruguay River Basin

[151]  **Symposium, New Perspectives on the Izapa State**
Room: Golden Gate 5  
Time: 6:00 PM - 9:00 PM  
Chairs: Robert Rosenswig and Julia Guernsey

Participants:
6:00  John Clark—Discussant
6:15  Rosemary Lieske—A History of Izapa Group B: Buildings, Burials, and Offerings
6:30  Rebecca Mendelsohn—New Discoveries in the Izapa “Protoclassic” and Early Classic Periods
6:45  Julia Guernsey—Izapa and the Iconography of Water and Economics
7:00  Stephanie Strauss—Izapa’s Place in the Discourse on Early Hieroglyphic Writing
7:15  Jose Luis Macias, José Luis Arce, Paul W Layer and Ricardo Saucedo—Volcanic Hazards Posed by Taconal to the Soconusco Region
7:30  Robert Rosenswig—Defining the Izapa Polity with Lidar and Pedestrian Survey
7:45  Michael Blake, Robert Rosenswig and Nicholas Waber—Izapa’s Hinterland: The Use of Lidar Mapping to Examine the Layout and Spatial Orientation of Secondary Centers in the Soconusco
Thursday Evening, April 16

Region, Chiapas, Mexico

8:00  Hector Neff, Paul Burger, Sachiko Sakai, Timothy Garfin and Marx Navarro Castillo—Izapa’s Industrial Hinterland: The Eastern Soconusco Mangrove Zone during Archaic and Formative Times

8:15  Michael Love—El Triangulo del Sur: Izapa, Takalik Abaj, and El Ujuxte

8:30  Christopher Pool and Michael Loughlin—Transisthmian Ties: Epi-Olmec and Izapan Interaction

8:45  Questions and Answers

[152]  GENERAL SESSION, MARINE ZOOARCHAEOLOGY AND MARITIME ECONOMIES

Room: Yosemite B
Time: 6:00 PM - 9:00 PM
Chair: William Marquardt

Participants:

6:00  Daniela Klokler—Fish Heads that Turn Heads: Catfish from Cabeçuda Shell Mound

6:15  Maria Gaspar and Daniela Klokler—Shell Mounds from Southern and Southeastern Brazil

6:30  Carol Colaninno—The Fisherfolk of the Two Late Archaic Shell Rings on St. Catherines Island: Similarities and Differences in Contemporaneous Coastal Economies

6:45  William Marquardt and Laura Kozuch—The Practical and Spiritual Significance of the Lightning Whelk

7:00  Carola Flores-Fernandez—Effect of Past Ecological and Oceanographic Variability on Shellfish Harvesting and Suitability of Coastal Locations. A Case Study from two Late Holocene (2200–500 cal B.P) Sites on Santa Cruz Island, California

7:15  Valentina Figueroa Larre, Carola Flores and Diego Salazar—Production and Distribution of Fishing Artifacts on Mussel Shells (Choromytilus chorus) during the Middle Holocene on the Coast of Taltal, Atacama Desert, Chile

7:30  Carla Hadden, Maran E. Little, C. Frederick T. Andrus and Gregory A. Waselkov—Stable Oxygen Isotopic Evidence of Mobility and Site Seasonality on the Northern Gulf of Mexico, USA


8:00  Roger Sierra, Traci Ardren and William Pestle—Preliminary
Thursday Evening, April 16

Analysis of Marine Shell Artifacts in the Southern Florida Keys
8:15 Peter Veth—Pleistocene Maritime Economies of Northwest Australia
8:30 Stephanie Jolivette, Amanda Taylor and Sarah Van Galder—Accessing and Assessing Coastal Shell Middens on Private Property in the Pacific Northwest
8:45 Eric McLay—Ancient Clam Gardens of the Southern Gulf Islands

[153] General Session • Ethnoarchaeology, Ethnohistory, and Ethnography in Archaeology
Room: Franciscan AB
Time: 6:00 PM - 9:15 PM
Chair: Timothy Dennehy

Participants:
6:00 Mari Carmen Serra Puche—Ethnoarchaeology of Productive Activities Xochitecatl-Cacaxtla
6:15 Patrick Wilkinson—Cave Vodou in Haiti: An Ethnoarchaeological Approach
6:30 Walter Dodd—Oh What a Tangled Web: The Symbolic Use of Road Trash to Advertise Drug Sales
6:45 Ann Laffey—What’s in your Ancient Chicha?: Ethnoarchaeology and Organic Residue Analysis
7:00 Kevin McGeough and Jerimy Cunningham—Framing the “Ethnoarchaeological” Other: The Direct Historical Approach in Victorian Bible Customs Books
7:15 Pascale Meehan and Rachel Egan—Ethnohistory, Oral Tradition, and Archaeology: Examples from Oaxaca, Mexico and the Four Corners Region of the United States
7:30 Brian Hayden and Suzanne Villeneuve—The World of Secret Societies: Dynamics from the Northwest
7:45 Angus Mol, Lesley-Gail Atkinson and Hayley Mickleburgh—At the Edge: Jamaican Amerindians and the Colonial Encounter
8:00 Amanda Sutton—Toward a Theory of Dispersal as an Adaptive Strategy: Adoption, Migration, and Cultural Survival in the Archaeological Record
8:15 Melissa Darby—Zelia Nuttall and The Vexed Question: Between the Devil and the Deep Blue Sea
8:30 Maren Hopkins—From Orioles to Airplanes: O’odham Traditional Cultural Properties and Traditions of Travel through the Western Papagueria
8:45 Timothy Dennehy—Free or Despotic? The Distribution of
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Thursday Evening, April 16

Hunter-Gatherer Ethnolinguistic Groups in California
9:00 Russell Greaves and Karen Kramer—Play, Learning, Games, and Chaos: Ethnoarchaeology of Children’s Contributions to Archaeological Site Formation

[154] SYMPOSIUM ■ CONSUMING LANDSCAPES
Room: Continental Ballroom 5
Time: 6:00 PM - 9:30 PM
Chairs: Julie-Anne Bouchard-Perron, Leslie Bode and Alexandra Livarda

Participants:
6:00 Taylor Zaneri—Food and Identity In the Urban Landscape
6:15 T. Thurston and Aadel Franzén—Opulent Harvest in a Kingdom of Stones: Landscape and Livelihood in a Marginal Upland Zone
6:30 Erendira Quintana Morales—A Social Topography of Fishing: Exploring the Spatial Variability of Fish Consumption Practices at Songo Mnara
6:45 Kevin Gibbons and George Hambrecht—Icelandic Livestock Improvement and an Emerging National Identity: Biometrical and Genetic Markers of a New Landscape
7:00 Richard Madgwick, Angela Lamb and Jane Evans—Pigs and Power Centres in Late Neolithic Britain
7:15 Maria Ivanova and Elena Marinova—Heading North: Landscape Use and Food Technology at the Initial Stage of Farming Expansion in the Balkans
7:30 Chantel White, Demetri Brellas and Nathan Arrington—Food from the Hinterlands: Integrated Faunal and Archaeobotanical Studies at a Classical Emporion, Thrace
7:45 Scott Macrae and Gyles Iannone—Applying Adaptive Cycles to the Life History of Ancient Maya Agricultural Systems
8:00 Paul Ewonus—A Geography of Foodways in the Salish Sea, Pacific Northwest Coast
8:15 Julie-Anne Bouchard-Perron—Colonialism, Nationalism and the Appropriation of New Landscapes: Consuming Old and New Worlds in Historical Quebec City (Canada)
8:30 Elizabeth Scott—Consuming the French New World
8:45 Questions and Answers
9:00 Leslie Bode—Discussant
9:15 Alexandra Livarda—Discussant

[155] GENERAL SESSION ■ GLOBAL STUDIES IN GEOARCHAEOLOGY
Room: Continental Ballroom 6  
Time: 6:00 PM - 9:30 PM  
Chair: Jacob Winter

Participants:

6:00 Flora Schilt, Susan Mentzer, David Wright, Jessica Thompson and Elizabeth Gomani-Chindebu—Micromorphology of Middle to Later Stone Age Sites at Mwanganda's Village, Northern Malawi

6:15 Roger Werner and Val Dufeu—Micromorphological Studies from the Clear Lake Basin California

6:30 Rachel Cajigas and James Watson—Determining Construction Materials and Soil Formation Processes at a Burial Mound in Northwest Mexico Using Soil Micromorphology

6:45 Debora Trein—Human Impact on a Monumental Landscape at the Micropetrascape Level: An Ancient Maya Community and its Temple

7:00 Michael Grooms, Norman Easton, Mary Samolczyk and Joel Cubley—Geoarchaeology at the Little John Site (KdVo-6), Yukon Territory, Canada

7:15 Carleton Jones—Dating Ancient Field Walls in Karst Landscapes Using Differential Bedrock Erosion

7:30 J. Emili Aura Tortosa, Oreto García Puchol, Jesus F. Jorda Pardo, Yolanda Carrion and Margarita Vadillo—Geoarchaeology, Paleobiology and Archaeology of Rock-shelters and Caves from Valencia (Spain)

7:45 Jessica Thompson, Christopher Merriman, Clayton Meredith, Keith Prufer and Megan Walsh—Human-Climate-Landscape Interactions within the Rio Blanco Basin, Southern Belize

8:00 Kenneth Tankersley—Quaternary Chronostratigraphy and Archaeology of Big Bone Lick, Kentucky, USA

8:15 Robert Rowe and Collin Rucker—Archaeology in a Cretaceous Swamp

8:30 John Turck and Joseph Schuldenrein—The Geoarchaeology of Two Riverine Sites in New Jersey

8:45 Nichole Bettencourt and Rafael Segura-Llanos—A Tale of Two Styles: A Geoarchaeological Investigation into Lima & Ychsi construction Materials at Cajamarquilla, Peru

9:00 Jacob Winter, Michael Fracetti and T.R. Kidder—Using Geoarchaeological Methods to Evaluate Site Integrity at Dali, Kazakhstan

9:15 Rosicler Silva and Julio Cezar Rubin de Rubin—Geoarchaeological Issues in Lago Rico Archaeological Site, Central Plateau of Brazil
Friday Morning April 17, 2015

[156] Symposium: The Presence of the Hunter and Gatherer Groups in the Northwest Mexico Region: Recent Findings
Room: Golden Gate 2
Time: 8:00 AM - 9:45 AM
Chair: Emiliano Gallaga

Participants:
8:00 Alfredo Feria Cuevas and Karim Bulhusen Munoz—Cazadores recolectores en Baja California Sur: Un campamento al sur de la Paz
8:15 Carlos Mandujano and Sarah María Mattiussi—la Pintura Rupestre en los Sitios Arqueológicos de la Sierra de la Giganta, Baja California Sur
8:30 María De La Luz Gutierrez—“El Viejo” del Cañón del Azufre: un Posible Caso de Pareidolia e Hierofanía en el Sistema Volcánico Tres Virgenes, B.C.S, México
8:45 Jesús De La Torre Vázquez and Víctor Joel Santos Ramírez—La industria lítica precerámica del sitio La Flor del Océano, Sinaloa
9:00 Emiliano Gallaga, Jesús Emmanuel Moreno Valle and Marisela Guzmán Aguirre—The Rancho Santa María II: an archaic site in the Galeana Valley, Chihuahua
9:15 Rosa Ortiz Barrera, Cindy Cristina Sandoval Mora and José Luis Punzo Díaz—The Activity of Hunter Gatherers in the Northwest of Durango, México
9:30 Carlos García, Maria de la Luz Gutiérrez Martínez and Diana Irasema Larios Córdova—Patrón de Asentamiento en el Desierto Central de Baja California sur “el Estudio de Sitios Arqueológicos que Conforman un Corredor Sierra-Oasis-Mar”

(Sponsored by AHRC / FAPESP)
Room: Franciscan AB
Time: 8:00 AM - 9:45 AM
Chairs: Rafael Corteletti and Paulo DeBlasis

Participants:
8:00 Jennifer Watling, José Iriarte, Francis Mayle, Denise Schaan and Alceu Ranzi—Scales and Visibility of Human-Environment Interactions in Western Amazonia: The Case of the Geoglyph
Friday Morning, April 17

**Builders**

8:15  
Eduardo Neves—The Interrelated Establishment of Sedentary Lifestyles in Tropical Lowland South America in the Late Holocene

8:30  
Lucas Bueno and Myrtle Shock—Technology, Subsistence and Territoriality: Changing Patterns in the Middle to Late Holocene on the Central Brazilian Plateau

8:45  
Phil Riris—Pre-Columbian Monumentalism and Social Structuration: Geospatial Modelling of Relative Accessibility as a Proxy for Emergent Territoriality among the Southern Proto-Jê

9:00  
Juliana Machado—Plants, Paths and Place-Making: Examples from the Ribeirinhos and the Xokleng/Laklânô in Brazil

9:15  
Marco Nadal de Masi—The Archaeology of Lower Canoas River Valley

9:30  
Macarena L. Cárdenas, Frank Mayle, José Iriarte and Silvia Moehlecke Cope—The Environmental Context of Prôto-Jê Culture at Pinhal da Serra, RS, Brazil—Insights from Palaeoecology

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**[158] ELECTRONIC SYMPOSIUM • SMOKE, FLAMES, AND THE BODY IN MESOAMERICAN RITUAL PRACTICE**

**Room:** Union Square 1  
**Time:** 8:00 AM - 10:00 AM  
**Chairs:** Andrew Scherer and Vera Tiesler

**Participants:**
Markus Eberl—Highland Mexican Souls as Essences and Symbols
Andrew Scherer—To Burn Like the Sun: Rituals of Fire and Death among the Classic Maya
Vera Tiesler—Forms and Meanings of Human Fire Exposure among the Northern Lowland Maya
Ximena Chávez Balderas—Fire, Transformation and Bone Relics: Elite Funerals at the Great Temple of Tenochtitlan
Gregory Pereira—Transforming the Body: Fire in Mortuary Practices in Ancient Michoacán, Mexico
William Duncan—Fire and Smoke in Postclassic Petén: Human Remains, Deity Effigies, and Codices
Joel Palka—Where There's Fire, There's Smoke: Contemporary Lacandon Maya Incense Burners and Ritual Transformation
[159] **Forum: Resilience, Archaeology and Global Warming:**

What we can learn from past human responses to climate change that can help us today

**Room:** Golden Gate 3  
**Time:** 8:00 AM - 10:00 AM  
**Moderator:** Adam Markham  

**Participants:**  
Christopher Roos—Discussant  
Michael Newland—Discussant  
Pei-Lin Yu—Discussant  
Marcy Rockman—Discussant  
Shelby Anderson—Discussant  
Anastasia Steffen—Discussant  
Brenda Todd—Discussant  
Adam Johnson—Discussant

[160] **Forum: Twenty-First Century Issues and Changes in Curating Collections**  
*(Sponsored by Committee on Museums, Collections and Curation)*  

**Room:** Yosemite A  
**Time:** 8:00 AM - 10:00 AM  
**Moderator:** Wendy Teeter  

**Participants:**  
Nick Tipon—Discussant  
Chip Colwell—Discussant  
Dorothy Lippert—Discussant  
Terry Childs—Discussant  
Laura Miranda—Discussant  
Jim Enote—Discussant  
Natasha Johnson—Discussant  
Michael Black—Discussant  
Karimah Kennedy Richardson—Discussant  
Richard Wilshusen—Discussant  
Michael Polk—Discussant

[161] **Forum: Building Archaeological Research Communities with Cyberinfrastructure**  

**Room:** Union Square 2  
**Time:** 8:00 AM - 10:00 AM  
**Moderator:** M Thompson
Participants:
Katherine Spielmann—Discussant
Keith Kintigh—Discussant
David Anderson—Discussant
Denne Reed—Discussant
Gordon Rakita—Discussant
Seth Brewington—Discussant
Lauren Jelinek—Discussant
Thomas McGovern—Discussant

[162] **POSTER SESSION: MACRO, MICRO, AND ISOTOPIC STUDIES IN ARCHAEOBOTANY**

**Room:** Grand Ballroom A  
**Time:** 8:00 AM - 10:00 AM

**Participants:**

162-a Elizabeth Scharf—Weediness: Modern, Historic, and Prehistoric Plants at Poverty Point, LA


162-d Charity Upson-Taboas—Changing Foodways in Pre-Columbian Illinois

162-e Kelsey Salmon Schreck and P. Nick Kardulias—The Domestication and Migration of Zea mays L. in Association with Holocene Climatic Variance

162-f William Whitehead—Prehistoric Plant Utilization in Southeastern New Mexico: A unique publication merging academic and public interests

162-g Lauren Johnson—A Seedy Affair: An Archaeobotanical Study of the Johnston Site (36In2)

162-h Jennifer Haney and Martin Welker—Subsistence and Site Function in Historic Contexts

162-i Alan Farahani—Morphometric Analyses of Cereal Grains from Central Jordan Improve the Resolution of Identifying Shifts in Crop Cultivation and Processing Strategies over 2000 Years (ca. 800 BCE–1300 CE)

162-j Madeleine Smith and Abigail Buffington—Feeding the Troops?: Patterns of Agricultural Production in the Macrobotanical
Remains of Nabatean-Late Roman Sites in the Wadi ath-Thamad, Jordan

162-k Weston McCool and Joan Brenner Coltrain—Oxygen and Carbon Isotope Chemistry and Maize Beer Consumption in the Prehistoric Andes: An Experimental Pilot Study

162-l Benjamin West and Maria Bruno—Macrobotanical Investigation of Sonaji, Taraco Peninsula, Bolivia

162-m Claudia Rumold—Insights into the Context, Mode, and Timing of Potato Domestication through Microfossil and Ground Stone Analyses at Jiskairumoko in the Western Titicaca Basin

162-n Sadie Weber—Analysis of Microbotanical Remains from Chavin de Huántar

[163] **POSTER SESSION ANIMAL EXPLOITATION IN ANCIENT NORTH AMERICA**

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

163-a Elic Weitzel—Diet Breadth Narrowing at the Pleistocene/Holocene Transition: Faunal Evidence from Dust Cave, Alabama

163-b Briana Doering—The Earliest Catch: The Origins of Salmon Fishing in the Alaskan Interior

163-c Ginessa Mahar—Evaluating Mass Capture Fishing Techniques

163-d Hayley Singleton—Recent Investigations of Subsistence at the Garden Patch Site (8DI4): A Study of Faunal Remains from a Platform Mound and Adjacent Midden

163-e Hannah Wellman, Torben Rick, Antonia Rodrigues and Dongya Yang—Ancient DNA, Zooarchaeology, and the Case for Whale Hunting on the Northern Oregon Coast

163-f Emily Lena Jones, Cyler Conrad, Hannah Van Vlack and Seth Newsome—Ritual or Dietary Use? Wild and Domestic Turkeys at Tijeras Pueblo (LA 581)

[164] **POSTER SESSION ZOOARCHAEOLOGY AND CERAMIC STUDIES IN THE CARIBBEAN**

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

164-a Jillian Hendrix, Steven Hackenberger, Diane Ward, Amanda
Friday Morning, April 17

164-b Kaminski and Timothy Ward—Analysis of Fatty Acids in Precontact Ceramics from Barbados, West Indies

164-c Diana Azevedo and David Byers—Zooarchaeological Fish Remains and Signals of Resource Depression from Jamaica and Beyond

164-d Meagan Clark, Scott Fitzpatrick, Frances White and Christina Giovas—Pre-Columbian Vertebrate Remains from the Coconut Walk Site, Nevis, West Indies

164-e John Krigbaum, Christina M. Giovas and George D. Kamenov—Strontium and Lead Isotope Evidence for Paleomobility of Introduced Fauna in the Southern Caribbean

164-f Amanda Guzman—The Breaking and Making of Ceramics in the Pre-Columbian Caribbean: A Technological Approach to Grog Identification

165-a Jenny Riley and Kevin Hunt—Preservation of Faunal Remains from an Underwater Cavern, Padre Nuestro, Dominican Republic

[165] Poster Session: Faunal Analysis in Historical Archaeology
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:

165-a Jenna Carlson—Oxen at Oxon Hill Manor: Identifying Draught Cattle from the Archaeological Record of Colonial Maryland

165-b Martin Welker, Jonathan Burns and Sarah McClure—Investigating Diet Variability at Early Fortifications in the American Colonies

165-c Cherilyn Gilligan—Moravian Ethnic Diversity: A Faunal Analysis of Northeastern Moravian Missionary Towns in Colonial America

165-d Caitlin Miller, Siu Ying Ng and Adam Watson—Resilience and Continuity in Iroquoia: An Analysis of Animal Remains from the 17th-Century Seneca Iroquois White Springs Site.

165-e Dominic Bush and Mark Schurr—Faunal Remains at Collier Lodge and Their Implications for Our Understanding of the Lodger Diet

165-f Kathleen Brandl and Teresa Steele—Zooarchaeology and Historical Archaeology: A Case Study of the Leland Stanford Mansion
[166] **POSTER SESSION: ZOOARCHAEOLOGY AND FAUNAL ANALYSIS**

**Room:** Grand Ballroom A  
**Time:** 8:00 AM - 10:00 AM

**Participants:**

- **166-a** Joseph DeAngelis—Between Party Lines: A Bipartisan Reevaluation of the Early Paleoindian Zooarchaeological Record
- **166-b** Paul Szpak, Christyann Darwent and John Darwent—Historical Marine Ecology in Northwestern Greenland: Insight from Stable Isotope Analysis
- **166-c** Steve Wolverton, Andrew Barker, Jonathan Dombrosky, Barney Venables and Stanley Stevens—Application of Protein Mass Spectrometry to Zooarchaeological Bone
- **166-d** Nikkita Maybach-Blicharski, Caroline Funk, Debbie Corbett and Brian Hoffman—Fish through Time at KIS-050, Kiska Island, Western Aleutians
- **166-e** Karen Walker, William Marquardt, Arianne Boileau, Ann Cordell and Donna Ruhl—Episodic Habitation in an Eolian Environment, 1350 B.C.—A.D. 900, Useppa Island, Coastal Southwest Florida
- **166-f** Kirsten Tharalson—X-Ray Analysis of Mandibles from a 2000 Year-Old Bison Kill Site in Western Oklahoma
- **166-g** Mary Lou Larson, Marcel Kornfeld and George Frison—Mammoth Bone from Hell Gap
- **166-h** Cheyenne Butcher, Andrew D. Somerville, Ben A. Nelson and Margaret J. Schoeninger—Environmental Reconstruction at La Quemada, Zacateca, Mexico through Stable Isotope Analysis of Leporid Bones
- **166-i** Sean Lee, Andrew D. Somerville and Margaret J. Schoeninger—Paleoenvironmental Reconstruction of the Northern Frontier of Mesoamerica: Stable Isotopic Analysis of Lagomorphs from La Ferrería, Durango, Mexico
- **166-j** Sarah Heins and Jordan Karsten—Fauna from the Eneolithic Mortuary Site of Verteba Cave, Ukraine
- **166-k** Margaret Homko—Variability in Neolithic Cattle Populations: A Case Study from the Orkney Islands
- **166-l** Kassi Bailey—Investigations of a Microfaunal Assemblage: Emergence of Pest-Host Relationships at Aşıklı Höyük, Turkey
- **166-m** Jonathan Wong, Andrew Somerville and Margaret J. Schoeninger—Environmental Reconstruction at Pueblo Grande, Arizona through Stable Isotope Analysis of Leporid Bone
[167] **Poster Session**

**The Robustness and Vulnerability of Food Production and Social Change: An Evaluation of Interdisciplinary Concepts Using Archaeological Data, Models and Ethnographic Observations**

**Room:** Grand Ballroom A  
**Time:** 8:00 AM - 10:00 AM  
**Chair:** Sarah Oas  

**Participants:**

167-a Rudolf Cesaretti—Hydraulic Empire Revisited: Exploring the Sociopolitical Vulnerabilities of the Riverine Socio-Ecological System of Pharaonic Egypt  
167-b R. Kyle Bocinsky, Keith W. Kintigh, Timothy A. Kohler and Margaret C. Nelson—Toward Effective Cyber-Infrastructure Support of Socio-Environmental Research  
167-c Nicolas Gauthier, Christina Luke and Christopher Roosevelt—Extreme Weather Events and 10,000 Years of Land-Use Change in the Gediz River Valley  
167-d Jacob Freeman—The Social Opportunity Hypothesis  
167-e Sarah Oas—Examining Settlement Reorganization and Plant Food Use in the Greater Cibola Region A.D. 900–1400  
167-f Robert Hard, Jacob Freeman and Raymond Mauldin—Considering Robustness and Vulnerability in Texas Hunter-Gatherer Social-Ecological Systems Using Stable Isotope Data  
167-g Grant Snitker—Humans, Fire, and Food Production: Examining the Spatial and Temporal Patterns of Changing Burning Practices during the Transition to Agriculture in the Western Mediterranean

[168] **Poster Session**

**Preliminary Results from the Tse-whit-zen Project: Zooarchaeology and Geoarchaeology of a 2000 yr Old Lower Elwha Klallam Village on the Strait of Juan de Fuca, Washington State**

**Room:** Grand Ballroom A  
**Time:** 8:00 AM - 10:00 AM  
**Chair:** Virginia Butler  

**Participants:**

168-a Sarah Sterling, Ian Hutchinson and Jennie Shaw—Geochronology of the Tse-whit-zen Project  
168-b Kristina Dick, Virginia Butler and Sarah Sterling—Database Development and GIS Analysis at Tse-whit-zen  
168-c Virginia Butler, Kristine Bovy, Sarah Campbell, Michael Etnier and Sarah Sterling—Use of Integrated Faunal Records from 10-
Liter Bucket Samples to Explore Complex Human Ecodynamics at Tse-whit-zen

168-d Sarah Campbell, William Damitio and Ryan Desrosiers—The Whale Beneath the Barnacle: Rare Taxa in the Analysis of Marine Invertebrates from the Tse-Whitzen Village Site

168-e Susan Larsen—Anthropogenic Thermal Alteration of Marine Bivalves, Recrystallization, and Isotope Integrity

168-f Reno Nims and Virginia Butler—On the Role of Sablefish (Anoplopoma fimbria) in Northwest Coast Fisheries: The View from the Tse-whit-zen Site (45CA523), Coastal Washington

168-g Patrick Rennaker and Virginia Butler—Conservation Biology and Archaeology: Using Faunal Remains of Pacific Cod from the Tse-whit-zen Village

168-h Kristine Bovy and Michael Etnier—Taphonomic and Taxonomic Comparisons of Bird and Mammal Remains from Tse-whit-zen

168-i Lisa Catto and Virginia Butler—Developing a “Good” Website for the Tse-whit-zen Project

168-j Laura Phillips and Frances Charles—A Regional Perspective on the Etched Stones at Tse-whit-zen

[169] SYMPOSIUM: ARCHAEOLOGICAL RESEARCH IN THE CHINCHA VALLEY, SOUTHERN PERU
Room: Golden Gate 5
Time: 8:00 AM - 10:00 AM
Chairs: Kelita Perez and Henry Tantaleán
Participants:
8:00 Benjamin Nigra—Excavations at Huaca Soto: 2000 Years of Ritual Reuse at a Paracas Platform Mound, Chincha, Peru
8:15 Henry Tantaleán—Re-Creando una Huaca: Utilizando el sitio de Cerro Gentil como una Huaca local
8:30 Charles Stanish—Conditional Cooperation and the Ritualized Economy of Paracas
8:45 Kelita Perez—La Ocupación Carmen En El Valle Medio De Chincha
9:00 Jacob Bongers, Brittany Jackson, Terrah Jones, Susanna Seidensticker and Charles Stanish—The Treatment of the Dead in the Mid-Chincha Valley, Peru
9:15 Camille Weinberg, Benjamin Nigra, Maria Cecilia Lozada, Charles Stanish and Henry Tantaleán—Demographic Analysis of a Looted Late Intermediate Period Tomb, Chincha Valley, Peru
9:30 Brittany Jackson, Jacob Bongers, Susanna Seidensticker,
Terrah Jones and Gail Kennedy—Bioarchaeology of the Chincha Kingdom: Life History Patterns in a Chullpa Population from the Late Intermediate Period and Late Horizon Mid-Chincha Valley, Peru

9:45 Terrah Jones, Jacob Bongers, Brittany Jackson, Susanna Seidensticker and Charles Stanish—Fine China, Flatware, and Crockery: An Archaeological Reexamination of Chincha Domestic Contexts

[170] SYMPOSIUM TRADE, EXCHANGE, PRODUCTION AND CONSUMPTION IN PRE-COLUMBIAN AND COLONIAL LOWER CENTRAL AMERICA (PANAMA NICARAGUA AND COSTA RICA)
Room: Golden Gate 7
Time: 8:00 AM - 10:00 AM
Chair: Thomas Wake

Participants:
8:00 Scott Palumbo—“Conspicuous Consumption” in Ancient Costa Rica and Panama
8:15 Francisco Corrales-Ulloa and Adrián Badilla-Cambronero—Exchange, Production and Consumption of Exotic and Exclusive Goods in the Delta of Diquís, Costa Rica
8:30 Lana Martin—Farming and Foraging in Late Ceramic Period Society at Sitio Drago, Western Caribbean Panama
8:45 Thomas Wake—Trade, Exchange, Production and Consumption at Sitio Drago, Bocas del Toro, Panama
9:00 Tomas Mendizabal, Jordi Tresserras, Javier Laviña, Ricardo Piqueras and Marta Hidalgo—Afrocolonial Archaeology in Panama: La Villa de Santiago del Principe, the First Free African Peoples of the Americas
9:30 Juan Martin, Rainer Schreg, Tomás Mendizábal, Dolores Piperno and Richard Cooke—Chinina, Panama. First evidence of pre-hispanic raised fields in Central America
9:45 Jessica Manion, Geoffrey McCafferty and Carrie Dennett—As Good as it Sounds: Archaeology of Las Delicias, Managua, Nicaragua
[171] **GENERAL SESSION LITHIC AND TECHNICAL STUDIES IN NORTH AMERICAN PREHISTORIC ARCHAEOLOGY**  
**Room:** Continental Ballroom Parlor 8  
**Time:** 8:00 AM - 10:15 AM  
**Chair:** Jaclyn Nadeau  

**Participants:**  
8:00 Angela Younie, Tom Gillispie and Ted Goebel—Early Human Occupation at Healy Lake: A Study of Lithic Technological Organization at the Linda’s Point and Healy Lake Village Sites  
8:15 John Blong—Prehistoric Foragers in the Central Alaska Range  
8:30 Suzanne Villeneuve and Brian Hayden—Early Cultural Developments and Adaptations in Hunter/Gatherer Communities: A Case Study from Keatley Creek on the Canadian Plateau  
8:45 Sean Nash—Indurated Sediment Masses (ISMs) from Southern Texas  
9:00 Leszek Pawlowicz—Documentation Of Lithic Artifacts Using An Inexpensive Reflectance Transformation Imaging System  
9:30 Jaclyn Nadeau—Studying Debitage, Analyzing Behavior  
9:45 Melissa Miller—An Attribute Approach to Differentiating Artifacts from Geofacts  
10:00 Brooke Arkush and Richard Hughes—Investigating Prehistoric Obsidian Source Utilization in Birch Creek Valley, Eastern Idaho

[172] **SYMPOSIUM HOUSEHOLD AND RITUAL IN THE EASTERN OLMEC HEARTLAND**  
**Room:** Continental Parlor 2  
**Time:** 8:00 AM - 10:30 AM  
**Chair:** Carl Wendt  

**Participants:**  
8:00 Hirokazu Kotegawa—An Olmec Cylinder Seal from Los Soldados  
8:15 Jennifer Alvarado and Amber VanDerwarker—Patterns of Plant Use at Los Soldados and Beyond  
8:30 Charles Knight—The Middle to Late Formative Olmec Chipped-Stone Assemblage from Los Soldados, Veracruz, Mexico  
8:45 María Higueras—Las figurillas cerámicas de Los Soldados, Veracruz: Una evidencia de la relación cultural y de identidad de una comunidad Olmeca
9:00 Henri Bernard—A Ear of Corn of Jade from Arroyo Pesquero, Sacred Offering
9:15 Edward Henry, Bryan Haley, Andrew Shensky and Carl J. Wend—Subsurface Spatial Signatures of the Quotidian from the Olmec Heartland: Insights from Ground-Penetrating Radar Surveys of the Los Soldados site, Veracruz
9:30 Carl Wend—Olmec Archaeology in the Arroyo Pesquero Region
9:45 Edgar Huerta—Observations Concerning Ash-Tempered Pottery from the Archaeological Site of Los Soldados
10:00 David Grove—Discussant
10:15 Michael Love—Discussant

[173] GENERAL SESSION MISSISSIPPIAN ARCHAEOLOGY
Room: Golden Gate 4
Time: 8:00 AM - 10:30 AM
Chair: Rachel Briggs
Participants:
8:00 Leslie Drane and Joel Lennon—The Study of Temper and its Wider Implications at the Cahokian Lunsford-Pulcher Site
8:15 Katie Zejdlik—Investigation of Biological Relationships at the Late Woodland/ Mississippian Transition in the Northern Mississippian Hinterlands
8:30 Jayur Mehta and David Abbott—Mound Summit Archaeology at the Carson Site, Coahoma County, Mississippi
8:45 Ashley Schubert and Timothy Horsley—Determining Village Extent and Layout Utilizing Geophysical Survey and Excavation at the Mississippian site of Cane River, North Carolina
9:00 Rachel Briggs—Characterization of the Mississippian Standard Jar
9:15 Erin Phillips—The Associations Model for Use of Hemphill-Style Engraved Pottery at Moundville
9:30 Scott Hammerstedt, Patrick Livingood and Amanda Regnier—Recent Excavations and Current Research at Spiro Mounds
9:45 Howard Cyr, Scott Meeks, Rocco de Gregory and Hunter Johnson—Location, Location, Location: Multi-Scalar Investigations into the Unexpected Timing and Length of Occupation of a Late Woodland and Early Mississippian Site in the Lower Mississippi Valley
10:00 Dru McGill—Standardization and Variability of Decorated and Undecorated Pottery Vessels from Angel Mounds, Indiana
10:15 Christina Friberg and Gregory Wilson—Cahokia’s Western
Frontier: Consolidation and Collapse as viewed from the Big River Valley, Missouri

[174] General Session - Exploring Technological and Social Boundaries in the African Stone Age
Room: Union Square 25
Time: 8:00 AM - 10:30 AM
Chair: Sheila Nightingale

Participants:
8:00 Genevieve Dewar and Brian Stewart—Explaining Intraregional Assemblage Variability in Southern Africa during MIS 2: Different Strokes or Different Folks?
8:15 James Cole, Pastory Bushozi, John McNabb, Martin Bates and Phillip Toms—Dating the Early Stone Age site of Isimila, Tanzania
8:30 Sheila Nightingale, Marina Bravo Foster, Jessica Thompson, Jeong-Heon Choi and David Wright—Spatial and Chronological Components of Middle Stone Age Artifact Assemblage Variability in Deeply Buried Alluvial Fan Contexts
8:45 Loretta Dibble—Worked Bone Harpoon Technological Persistence and Variation through Time and Geography (Turkana/Omo Basin, Kenya/Ethiopia)
9:00 Yonatan Sahle—Assessment of Projectile Use at Aduma (Middle Awash, Ethiopia)
9:15 Philip Slater and Stanley H. Ambrose—Technological Organization Strategies during the East African Late Stone Age: Blade Production and the Evolution of Standardized Technology
9:30 Sarah Hlubik, J.W.K. Harris, David Braun, Francesco Berna and Craig Feibel—Potential 1.5 Million Year Old Phantom Hearth at FxJj20 AB, Koobi Fora, Kenya
9:45 Russell Cutts and Sarah Hlubik—Thermal Curve Fracture (TCF) as a Diagnostic Tool for the Identification of Anthropogenic Fire
10:00 John Arthur, Matthew Curtis, Kathryn Arthur, Joséphine Lesur and Dorian Fuller—Looking into the Dark: Investigating Four Holocene Shelter Sites in Southwest Ethiopia
10:15 Nuno Bicho, Jonathan Haws, Mussa Raja, Omar Madime and Célia Gonçalves—Middle and Late Stone Age of the Niassa Region, Northern Mozambique. Preliminary Results
**SYMPOSIUM: THE FORGING OF COMMUNITIES IN COLONIAL ALTA CALIFORNIA, 1769-1834**  
Room: Golden Gate 8  
Time: 8:00 AM - 10:45 AM  
Chairs: John Douglass and Kathleen Hull

**Participants:**
8:00  John Douglass and Kathleen Hull—Community Formation and Integration in Colonial Alta California
8:15  Glenn Farris—Looking at the Cosmopolitan Community of the Pueblo of San Diego in the Mexican Period in California: 1821–1846
8:30  Kathleen Hull, John Douglass and Seetha Reddy—Communal Ritual, Communal Feasting, and the Creation of Community in Colonial-Era Los Angeles
8:45  John Dietler, Heather Gibson and Benjamin Vargas—"A Mourning Dirge was Sung": Community and Remembrance at Mission San Gabriel
9:00  John Johnson—The Formation of Mission Indian Communities in South Central California: An Ethnohistorical Case Study
9:15  Sarah Peelo, Christina Spellman and Lee Panich—Maintenance of Tribal Communities in the California Spanish Missions
9:30  Lee Panich, Sarah Peelo and Linda Hylkema—The Archaeology of Community at Mission Santa Clara de Asís
9:45  Tsim Schneider—Making Community in the Colonial Hinterland of Coastal Marin County, California
10:00 Kent Lightfoot—The Forging of Communities at Colony Ross (1812–1841) in Northern California
10:15 James Brooks—Discussant
10:30 Questions and Answers

**SYMPOSIUM: ANTHROPIC ACTIVITY MARKERS: ARCHAEOLOGY AND ETHNOARCHAEOLOGY**  
Room: Union Square 13  
Time: 8:00 AM - 11:00 AM  
Chairs: Carla Lancelotti, Alessandra Pecci and Debora Zurro

**Participants:**
8:00  Ryan Szymanski—Nested Proxies: Multi-Scalar Approaches to Interpreting Human-Landscape Interactions
8:15  Alessandra Pecci, Luis Alberto Barba and Agustin Ortiz—Chemical Residues as Anthropic Activity Markers. Food Production and Consumption
8:30 E. Christian Wells, Christopher K. Waters and Georgia L. Fox—Integrated Anthrosol Prospection at Betty’s Hope Historic Sugarcane Plantation, Antigua, British West Indies
8:45 Duncan Cook, Timothy Beach, Sheryl Luzzadder-Beach and Thomas Guderjan—Mercury Pollution and the Ancient Maya: Where, Why and How
9:00 Tiziana Matarazzo—Micromorphological Study of Concotto Surfaces Protected by the Avellino Eruption in 3,780 BP at the Afragola Village in Southern Italy
9:15 Questions and Answers
9:30 Marco Madella, Carla Lancelotti, Alessandra Pecci and Javier Ruiz-Perez—Past Human Activities: Ethnographic and Geostatistical Models from North Gujarat (India)
9:45 Debora Zurro, Myrian Alvarez, Ivan Briz, Joan Negre and Jorge Caro—An Ethnoarchaeological Study on Anthropic Markers from a Shell-Midden in Tierra del Fuego: Lanashuaia II
10:00 Rachel Ballantyne—Where are the Lives? Characterising Settlements from Small Artefactual Debris
10:15 Peter Kovacik—New Perspectives on the Use of Yucca in the Arid Southwest: Archaeobotany and Experiment
10:30 Sandra Lopez Varela—Reading Memories of Past Practices in the Landscapes of Poverty Domination: An Ethnoarchaeological study in Morelos, Mexico
10:45 Luis Barba—Discussant

[177] **SYMPOSIUM: BIOGRAPHIES OF ENCLOSURE IN GLOBAL CONTEXT**
Room: Union Square 21
Time: 8:00 AM - 11:00 AM
Chairs: Ian Armit and Jennifer Birch

Participants:
8:00 Ian Armit—Biographies of Enclosure: An Introduction
8:15 Stefan Brannan and Jennifer Birch—Palisaded Enclosures and Political Complexity in the Eastern Woodlands of North America
8:30 Matthew Colvin—Emergence of Place: the Great Circle of Fort Center, Glades County, Florida
8:45 Alice Wright—Labor, Materials, and Ritual Knowledge: Erecting and Erasing Middle Woodland Enclosures in Southern Appalachia
9:00 Harold Mytum—Monumental Biographies: Structure and Agency in European Hillfort Construction
9:30 Philip Mason—Places of Power and Passage: Hillforts and Monumental Landscapes in the Early Iron Age of Central and
South-Eastern Slovenia
9:45 Alexis Gorgues—The Dawn of Iron Age societies: Hillfort Morphodynamics in the NW Mediterranean
10:00 Hrvoje Potrebica—Hillforts of the Eastern Hallstatt Circle. Central Places, Fortified Areas or Something Else?
10:15 Manuel Fernandez-Gotz—Debating Early Urbanization in Temperate Europe: From Heuneburg to Bourges
10:30 Neil Norman—Negative and "Natural" Monumental Spaces: Ditches and Sacred Groves in Pre-Colonial West Africa
10:45 Maria Schoeman—History Runs through It: A Biography of Gorges in Bokoni, South Africa

[178] SYMPOSIUM 2015 FRYXELL AWARD SYMPOSIUM: PAPERS IN HONOR OF DAVID HURST THOMAS
(Sponsored by Fryxell Award for Interdisciplinary Research)
Room: Continental Ballroom 5
Time: 8:00 AM - 11:15 AM
Chairs: Victor Thompson and Robert Bettinger

Participants:
8:00 Robert Kelly—David Hurst Thomas: A Retrospective
8:15 Maria Zedeño, Jesse Ballenger, Matthew Pailes and Francois Lanoe—Coming-for-the-Bison, Going-to-the-Sun—Evolution and Significance of Staging Places on the Northern Rocky Mountain Front
8:30 Gale Bishop, Kelly Vance, Brian Meyer, Fredrick Rich and Mehmet Samiratedu—Rising Sea Level and Sea Turtle Nesting on St. Catherines Island, GA; What the Present and Past Tell about the Future!"
8:45 Elizabeth Reitz—The Transect Survey at 30-Something
9:00 Matthew Napolitano and Matthew C. Sanger—Transformation by Fire: Human Cremation, Metalworking, and the Transmogrification of Bodies by Flame in the Late Archaic American Southeast
9:15 Anna Semon and Victor Thompson—David Hurst Thomas and the Guale Problem: Rethinking Late Prehistoric Mobility along the Georgia Sea Islands
9:30 Clark Larsen—Lives in Transition: Impacts and Adaptations in the Georgia Bight
9:45 John Worth—Precursors of Missionization: Early European Contact on the Georgia Coast, 1514–1587
10:00 Elliot Blair and Kent Lightfoot—Pluralistic Communities, Coalescence, and Population Aggregation at Mission Santa
Friday Morning, April 17

Program of the 80th Annual Meeting

Catalina de Guale
10:30  Michael Wilcox—Cubism, History and Narrative in Archaeology: Shifting Borders and Disciplinary Boundaries from New Mexico to California
10:45  Douglas Kennett—Discussant
11:00  David Thomas—Discussant

[179]  **SYMPOSIUM: USE-WEAR, EXPERIMENTAL ARCHAEOLOGY AND RESIDUE ANALYSIS IN THE PEOPLE’S REPUBLIC OF CHINA, A SESSION IN MEMORY OF GEORGE H. ODELL**

**Room:** Imperial Ballroom A

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

**Chairs:** Geoffrey Cunnar and Qiang Wang

**Participants:**

8:00  Ying Guan and Xing Gao—Residue Analysis in Chinese Paleolithic Studies: Perspectives and Case Studies

8:15  Chunxue Wang, Yinmin Yang, Chunxue Wang, Xing Gao and Ning Wang—Experimental Research Concerning the Production of Early Holocene Ostrich Shell Beads at the Shui Donggou Site, Ningxia, China

8:30  Juzhong Zhang, Ling Yao, Yuzhang Yang and Weiya Li—Analysis of Plant Micro-Botanical Remains from the Jiahu, Peiligang and Tanghu Sites in the Upper Reaches of the Huaihe River

8:45  Qi-Long Cui, Juzhong Zhang and Yuzhang Yang—Use-Wear Analysis of Ground Stone Tools from the Jiahu Site

9:00  Yuzhang Yang, Weiya Li, Chenglong Yin, Zhijie Cheng and Juzhong Zhang—Plant Resource Utilization at the Shunshanji Site in Jiangsu Province Based on the Analysis of Plant Remains

9:15  Wei Ge and Weijin Huang—The Diversity of Botanical Food of the Hemudu People: Evidence from an Examination of Food Residues in a Fu pot

9:30  Liye Xie, Leping Jiang and Weijin Huang—The Kuahuqiao and Hemudu Bone Spades: Use Contexts and Beyond

9:45  Zhuang Lina and Zhou Runken—Use-Wear Analysis on the Stone Tools from the Dongshancun Site

10:00  Qiang Wang, Dong Li, Qing Wang, Mingqi Li and Xiaoyan Yang—Ancient Human Herbivorous Diet Reflected by the Analysis of Starch Grains from the Xijincheng Site, Bo’ai
County, Henan province, China
10:15 Geoffrey Cunnar and Fengshi Luan—Interpretation of Burial M33 at the Longshan Site of Liangchengzhen
10:30 Hong Chen, Xiaoling Zhang and Chen Shen—An Experimental Study of Lithic Use-Wear Multi-stage Formation
10:45 Chen Shen—Discussant
11:00 Li Liu—Discussant

[180] SYMPOSIUM LANDSCAPES OF PRODUCTION: RECENT RESEARCH ON THE ARCHAEOLOGY OF FIELD AND IRRIGATION SYSTEMS
Room: Union Square 14
Time: 8:00 AM - 11:30 AM
Chairs: Frances Hayashida, Andres Troncoso and Diego Salazar

Participants:
8:00 Maryann Wasiolek—A Better Understanding of Ancient Farming through Hydrology
8:15 Jonathan Sandor and Jeffrey Homburg—Approaches to Assessing Anthropogenic Soil-Landscape Change in Ancient Agricultural Systems
8:30 Gregory Luna Golya—Producers on the Lake: Late Aztec Lakebed Chinampa Communities of Lake Xochimilco
8:45 Aurelio Lopez Corral—Strengthening the State: Intensification and Mixed Agricultural Strategies in Late Postclassic Puebla-Tlaxcala
9:00 Christopher Morehart—Socio-Spatial Isomorphism and Ancient Farming Systems: Nominal versus Practical Tenure in the Basin of Mexico
9:15 Stéphen Rostain—What's that Mound? Answers from Interdisciplinary Approach
9:30 Questions and Answers
9:45 María Albeck—Agricultural Landscapes in Northern Argentina
10:00 María Alejandra Korstanje, Marcos Quesada and Mariana Maloberti—Agriculture Roles in Landscapes and Taskcapes: An Interdisciplinary Approach from Northwestern Argentina
10:15 Frances Hayashida, Andrés Troncoso, Diego Salazar, César Parcero-Oubiña and Pastor Fábrega-Álvarez—Agriculture and Empire in the High-Altitude Atacama Desert
10:30 Michael Graves and Joseph Birkmann—The Landscape of Agricultural Engineering in Windward Kohala, Hawaii Island
10:45 Stephen Acabado and Marlon Martin—Post-AD 1600 Origins of the Ifugao Rice Terraces: Highland Responses to Spanish
Colonial Aims in the Philippines
11:00  Kanika Kalra—Innovations under Limitations: A Landscape Approach to Agricultural Practices and Water Management in a Frontier Zone of Medieval South India
11:15  Clark Erickson—Discussant

[181]  SYMPOSIUM  ●  SPACE AND TIME IN THE UPPER PALEOLITHIC: A MIXED TRADITIONS APPROACH TO THE STUDY OF PREHISTORY
Room: Continental Ballroom Parlor 7
Time: 8:00 AM - 11:30 AM
Chairs: Lars Anderson and Randall White

Participants:
8:00  Randall White—Discussant
8:15  Julien Riel-Salvatore, Ingrid Ludeke and Fabio Negrino—Upper Paleolithic Use of Space at Riparo Bombrini (Balzi Rossi, Italy)
8:30  François Bon, Romain Mensan, Lars Anderson, Mathieu Lejay and Hélène Salomon—The Aurignacian Open-Air Campsite of Régismont-le-Haut (Hérault, France)
8:45  Mathieu Lejay, Farid Sellami, Marie Alexis, Romain Mensan and François Bon—Fireplace Variability in the Aurignacian: a Multiscale Analysis at the Open-Air Campsite of Régismont-le-Haut (Hérault, France)
9:00  Lars Anderson—Towards a Synchronic View of Aurignacian Lithic Economy
9:15  Randall White, Romain Mensan and Amy E. Clark—Paleoethnographic and Chronostratigraphic Perspectives on the Aurignacian of the Vézère Valley: Abri Castanet, Abri Blanchard, Abri Cellier
9:30  Marc Azéma—Graphic narration and Spatial Organization in the Grotte Chauvet-Pont d'Arc
9:45  Jean-Pierre Bracco and Damien Pesesse—The Gravettian Open Air Site of la Vigne Brun (Loire valley, France). Shedding New Light on a Famous Unknown Site
10:00 Laurent Klaric—Palethnographic Interpretation of the Gravettian Site of La Picardie (Indre-et-Loire, France): A Difficult Path
10:15 Roland Nespoulet, Dominique Henry-Gambier and Laurent Chiotti—Domestic Space or Burial Space? Interrogating the Final Gravettian at the abri Pataud
10:30 Elisa Caron-Laviolette—From Palethnography to Paleohistory: Following a Magdalenian Group through Three Successive Occupations at Etiolles
10:45 Marie-Isabelle Cattin—Nomadism in the Magdalenian Groups of
Program of the 80th Annual Meeting

Friday Morning, April 17

Monruz and Champréveyres (Switzerland)
11:00 Erella Hovers—Discussant
11:15 Questions and Answers

[182] SYMPOSIUM GAMES PEOPLE PLAY: PREHISTORIC GAMES OF INDIGENOUS NORTH AMERICANS
Room: Continental Parlor 3
Time: 8:00 AM - 11:30 AM
Chair: Barbara Voorhies

Participants:
8:00 Barbara Voorhies—Ethnographer Stewart Culin and "Games of the North American Indians"
8:15 Catherine Cameron and Lindsay Johansson—The Biggest Losers: Gambling and Enslavement in Native North America
8:30 Kevin Leonard—Influences of Gaming on Mi'kmaq Culture during the Late Woodland Period
8:45 John Stauffer and Kent Reilly—In the Fields of the Thunder Lord, Playing the Apalachee Ball Game: Archaeological and Ideological Evidence for Its Antiquity
9:00 Ronald Williamson and Martin Cooper—"He Must Die Unless the Whole Country Shall Play Crosse:" The Role of Gaming in Great Lakes Indigenous Societies
9:15 Thomas Zych—Rock and Roles: The Chunkey Experience in the Mississippian World
9:30 Gabriel Yanicki—Reinventing the Wheel Game: Intergroup Trade on the Plains/Plateau Frontier
9:45 John Ives and Gabriel Yanicki—Mobility, Exchange, and the Fluency of Games: Promontory in a Broader Sociodemographic Setting
10:00 Steve Swanson—Mimbres Games, Gambling and Gods
10:15 Gerardo Gutierrez—Acrobatic Games of Mesoamerica
10:30 David S. Anderson and Marijke Stoll—Sport and Ritual as Social Bonding: The Communal Nature of Mesoamerican Ballgames
10:45 John Walden—Ritual and Divination in Ancient Maya Dice Games
11:00 Susan Evans—It's Alive: Gambling, Animatism, and Divination among the Aztecs
11:15 Questions and Answers

[183] SYMPOSIUM EXCAVATING THE HOUSE: RESIDENTIAL
ARCHITECTURE IN THE MAYA AREA
Room: Plaza B
Time: 8:00 AM - 11:30 AM
Chairs: Edy Barrios, Cameron McNeil and Walter Burgos

Participants:
8:00  Jacob Welch, Barry Kidder, Céline Lamb, Shannon Plank and David Medina-Arona —Understanding Residential Space through Soil Chemistry in the Northern Maya Lowlands
8:15  Lourdes Toscano and Gustavo Novelo Rincón—Entre ollas y metates: exploraciones en la cocina real de Kabah, Yucatán
8:30  Eva Lemonnier, Céline C. Lamb, Daniel Vallejo-Caliz and Shannon Plank—Between House and Site: Considering Intermediate Units in Classic Maya Lowlands Settlements
8:45  Carlos Morales-Aguilar—Classic Maya Households in Northern Peten, Guatemala: An Overview
9:00  Antolin Velasquez Lopez—La Vida alrededor del Río Holmul: Patrón de Asentamiento de Cival y la Región de Holmul
9:15  Kevin Schwarz—Censer Fragmentation and Life History: Rural Domestic Settlement Enchainment and Accumulation Activities and the Classic-Postclassic Transition of the Petén Lakes Region, Guatemala
9:30  Adrian Chase, Arlen Chase and Diane Chase—Residential Architecture at Caracol, Belize: Conjoined Buildings and Distributed Space
9:45  Marc Wolf—The Pivotal House: Individual, Community, and Environment Context at Cancuen, Verapaz, Guatemala
10:00 Walter Burgos and Brent Woodfill—Entorno a la sal y el agua: Los conjuntos residenciales en el sitio Salinas de los Nueve Cerros, Guatemala
10:15 Raquel Macario—Elite Residences of the K'iche at Q'umarkaj, El Quiche', Guatemala
10:30 Edy Barrios, Cameron McNeil and Walter Burgos—Building a Community: Late Classic and Postclassic Residential Structures at Rio Amarillo, Copan, Honduras
11:00 Jon Lohse—Discussant
11:15 Scott Hutson—Discussant

SYMPOSIUM: REGIONAL PERSPECTIVES ON THE T'IWANAKU COLLAPSE: “POST-EXPANSIVE” CHRONOLOGY, CULTURAL TRANSFORMATION AND ETHNOGENESIS IN THE SOUTH CENTRAL ANDES
Room: Yosemite C
Friday Morning, April 17

**Time:** 8:00 AM - 11:45 AM  
**Chairs:** Paul Goldstein and Antti Korpisaari

**Participants:**

8:00 Juan Villanueva—Diáspora y Etnogénesis durante el Tiwanaku Terminal en la región de Cohoni, La Paz, Bolivia

8:15 Jennifer Zovar—Post-Collapse Change and Continuity in Bolivia’s Desaguadero Valley

8:30 Rebecca Friedel, Sonia Alconini and Maria Bruno—Feasting, Exchange, Sociopolitical Interaction: Assessing the Tiwanaku Presence in the Kallawaya Region

8:45 Karen Anderson—Transformation and Continuity: Late Tiwanaku to Post Tiwanaku Traditions in the Central Valley of Cochabamba

9:00 Antti Korpisaari—On the Absolute Chronology of Late Tiwanaku / Early Late Intermediate Period Ceramic Traditions: Case Studies from the Bolivian Altiplano and North Chile

9:15 Mauricio Uribe—Cabuza y Maytas (Norte de Chile): ¿Tiwanaku, Post-Tiwanaku o No-Tiwanaku en Arica?

9:30 James Daniels and Paul Goldstein—Establishing Chemical Signatures for Cabuza Style Pottery and the Tiwanaku Tradition Using Portable X-ray Florescence (pXRF)

9:45 Augusto Cardona, María Cecilia Lozada and Hans Barnard—Tiwanaku in Arequipa

10:00 Matthew Sitek, Sarah Baitzel, Kathleen Huggins and Paul Goldstein—Second-Hand Spaces: Abandonment and Reoccupation during the Final Stages of a Tiwanaku Provincial Temple (Omo M10A)

10:15 Paul Goldstein—"Tiwanaku VI" Revisited: Postcolonialism and Ethnogenesis in the Middle Moquegua Valley Province

10:30 Nicola Sharratt—From Dispersal to "Disappearance": AD 1000–1250 in the Upper Moquegua Valley, Peru

10:45 Bruce Owen—Post-Tiwanaku Settlement Patterns in the Peaceful Coastal Osmore Valley and the Tense Upper Valleys

11:00 Marc Bermann—Discussant

11:15 John Janusek—Discussant

11:30 Questions and Answers

**[185] Symposium: Case Studies in Chert Sourcing and Identification**  
*Sponsored by Prehistoric Quarries and Early Mines Interest Group*

**Room:** Yosemite B
**Program of the 80th Annual Meeting**

**Friday Morning, April 17**

**Time:** 8:00 AM - 11:45 AM  
**Chairs:** Ryan Parish and Charles Speer

### Participants:

8:00  
Mark Anderson—Rock, Paper,…..XRF…..: Continuing Improvements to the UI-OSA Lithic Raw Material Assemblage

8:15  
Gustavo Barrientos, Juan Belardi, Luciana Catella, Flavia Carballo and Fernando Oliva—Continuous Spatial Models of Artifact Relative Frequency Data as an Aid for Sourcing Chert Materials: Two Examples from Patagonia and the Pampas of Argentina

8:30  
Adam Burke—Determining the Provenance of Suwannee Chert: A PXRF and Microscopic Analyses Case Study from Northwest Florida

8:45  
Beverly Chiarulli—Patterns of Lithic Raw Material Exploitation and Use in Western Pennsylvania

9:00  
Rachel ten Bruggencate, Brooke Milne, Mostafa Fayek, Robert Park and Douglas Stenton—Palaeo-Eskimo Exploitation of Inland Chert Quarries on Southern Baffin Island, Nunavut, Canada

9:15  
Killian Driscoll, Adrian Burke, Gilles Gauthier, Graeme Warren and Stefan Bergh—The Irish Lithic Landscapes Project: Current Chert Provenancing Research in Prehistoric Ireland

9:30  
Heather Kendall—Chert Characterization and Provenance in the Mid-Fraser Region of British Columbia

9:45  
Juliet Morrow and Sarah Stuckey—Sourcing Burlington Chert in Missouri and Arkansas

10:00  
Adam Nazaroff—Calibrating pXRF Instruments for Chert Provenance: A How-to from the Anatolian Plateau

10:15  
Khori Newlander—Assessing the Validity of pXRF for Sourcing Cherts in the North American Great Basin

10:30  
Ryan Parish—Lithic Procurement Patterning as a Proxy for Identifying Late Paleoindian Group Mobility along the Lower Tennessee River Valley

10:45  
John Rissetto, Giancarlo Pepponi, Igor Gutiérrez-Zugasti, Rossana Dell’Anna and David Cuenca-Solana—Multi-Tiered Proveniencing Analysis of Early Holocene Radiolarite Artifacts from Northern Spain

11:00  
Charles Speer—A Comparison of the Effectiveness of Instrumental Techniques at Differentiating Outcrops of Edwards Plateau Chert at the Hyper-Local Scale

11:15  
Wayne Wilson and Neil Hauser—Lithic Sourcing Using Laser Induced Breakdown Spectroscopy

11:30  
Kenneth Tankersley—Discussant
Program of the 80th Annual Meeting

Friday Morning, April 17

[186] **SYMPOSIUM ‘SIEMPRE A LA VANGUARDIA’: A TRIBUTE TO DOLORES PIPERNO CONTRIBUTIONS TO THE ORIGINS AND SPREAD OF AGRICULTURE**  
(Sponsored by COA)  
**Room:** Continental Parlor 1  
**Time:** 8:00 AM - 11:45 AM  
**Chair:** Jose Iriarte

**Participants:**

8:00  Tom Dillehay—Long-Distance Adoption of Exotic Cultigens in Northwest Peru: Problems and Processes

8:15  Matthew Sayre and Daniel Contreras—Lessons from the Tello Obelisk—Domestication and Plant Use at Chavin de Huantar, Peru

8:30  Karen Stothert—Contributions of Dolores Piperno to the History and Folklore of Coastal Ecuador

8:45  Sonia Zarrillo—Clues to Cacao from the Ecuadorian Upper Amazon

9:00  Crystal McMichael, Dolores Piperno, Eduardo Neves and Eduardo Tamanaha—Signatures of Human Occupation in Amazonian Soils

9:15  Mark Bush—Shifting Baselines: Tales of the Unexpected

9:30  Ruth Dickau, Javier Aceituno and Anthony Ranere—From Frontier to Forefront: Microbotanical Evidence of Early Holocene Horticulture in the Middle Cauca Valley, Colombia

9:45  Alison Weisskopf, Ling Qin and Dorian Fuller—The Trajectory of Early Rice Intensification and Cultural Change in the Lower Yangtze Valley Revealed by an Ecological Analysis of Archaeological Phytoliths

10:00  Lisa Kealhofer, Judith Field and Adelle Coster—Phytoliths and the Development of Agriculture

10:30  Anthony Ranere and Richard Cooke—Contributions of Archaeological Research in Panama to the Early Human History of the American Tropics

10:45  Linda Scott Cummings—Tracing Zea Mays through the Americas Using Maize Cob Phytoliths

11:00  Irene Holst—“Human and Natural Processes Affecting Starch Grain Morphology in Archaeological Contexts”

11:15  Caroline Stromberg—3-D Morphology of Grass Short Cell Phytoliths: Unlocking the Evolution of Grasses and Grassland Ecosystems

11:30  Caroline Stromberg—Discussant
SYMPOSIUM ■ SEE HOW WE ARE: REPRESENTING IDENTITY IN THE ANCIENT AMERICAS
Room: Continental Ballroom Parlor 9
Time: 8:00 AM - 11:45 AM
Chairs: Sarahh Scher and Billie Follensbee

Participants:
8:00 Sarahh Scher—High and Low: Highland and Coastal Dress in the Andean Region, 100–800
8:15 Billie Follensbee—Imitation is the Sincerest Form of Flattery: Gulf Coast Olmec Sex, Gender, and Dress as Reflected in the San Bartolo Murals
8:30 Erell Hubert—Representing and Negotiating Moche Identity in Everyday Life
8:45 Lois Martin—Cross-Dressing to Complement the King: Eco-iconography of the Aztec Cihuacoatl's Costume
9:00 Janet Levy—Intersecting Identities in Southeastern U.S. Prehistory
9:15 Giles Spence-Morrow—Scaling the Huaca: Constructing Late Moche Identity through Architectonic Re-Presentation of Place at Huaca Colorada, Jequetepeque Valley, Peru
9:30 Sara Juengst—Community and Ancestors in the Titicaca Basin during the Formative Period
9:45 James Farmer—Evolving Identities in Early Andean Art: Figurative Ceramics from Ancient Ecuador
10:00 Jenna Hurtubise, Haagen Klaus, José Pinilla and Carlos Elera—Sacrifice and Social Identity: Untangling Identity from a Mass Burial at Matrix 101, Huaca Las Ventanas, Peru
10:15 Andrea Vazquez De Arthur—The Expression of Human Identity on Wari Faceneck Vessels
10:30 Ann Peters—Identity, Presence and Political Relationships in the Mortuary Rituals of Paracas Necrópolis
10:45 Michele Smith, Juana Lazo, Alan Coogan and Maria Cecilia Lozada—Ramada Textiles from Southern Peru: Death’s Social Skins
11:00 Lynne Sullivan and Michaelyn Harle—Phased Out: The Distinctive Identities of Late Mississippian Communities in Eastern Tennessee
11:15 Paige Bardolph and Dana Bardolph—Visual Representations and Entanglements: Photography and Native Identity-Making in the Classroom and Museum
11:30 Yumi Huntington—Head Motifs on Cupisnique Style Ceramics: Emblems of Cultural Identity in Early Andean Art
[188] **SYMPOSIUM: PUBLIC PERCEPTIONS OF ARCHAEOLOGY**  
*(Sponsored by the Public Archaeology Interest Group)*

**Room:** Golden Gate 1  
**Time:** 8:00 AM - 11:45 AM  
**Chairs:** Holly Andrew and Brent Lane

**Participants:**

8:00  Meredith Langlitz and Ben Thomas—Keeping Up with the Times: Evolving Programs and Publics

8:15  Paul Burtenshaw—State, Local and Individual Perceptions of Archaeology as an Economic Asset

8:30  Ann Early—Learn by Doing: Sharpening Understanding of Archeologists and Sites among Diverse Publics with Hands On Activities in Arkansas

8:45  David Pokotylo—Public Perceptions of Archaeology and its Impact on Archaeological Resource Preservation: A Case Study from Western Canada

9:00  Holly Andrew—The Countless Perceptions of Archaeology in Archaeological Societies: A Case Study Involving the Oklahoma Anthropological Society

9:15  Barbara Clark—The Pros and Cons of "Public Archaeology Days"

9:30  Claire Novotny—Shifting Perceptions of Local Heritage: Community Archaeology in Aguacate Village, Toledo District, Southern Belize

9:45  Maia Dedrick, Patricia McAnany, Sarah Rowe and Ivan Batun- Alpuche—Learning Heritage While Teaching Archaeology at Tahcabo, Yucatán: Archaeologists’ Perspectives on the Opportunities and Risks of Local Community Engagement

10:00  Danny Zborover—Moctezuma, King David, and a Gentile Meet on a Mountain: Religious Factionalism and Indigenous Perceptions of Archaeological Sites, Archaeology, and Archaeologists

10:15  Mechell Frazier, Leslie E. Drane and Ricardo Higelin Ponce de Leon—Engaging the Public through Women’s Emergence in Archaeology

10:30  Paola Di Giuseppantonio Di Franco—Experiencing the Past through "Digifacts"

10:45  Christopher Espenshade—The Public Swinging Detectors: Interaction with Professional Archaeologists

11:00  Shawn Collins, Sarah Payne and Erica Olsen—There's No App for This: The Value of Archaeology and Experiential Education in a Digital Universe

11:15  David Moore, Christopher Rodning and Robin Beck, Jr.—A Way

11:30 Lawrence Coben—Discussant

[189] **Symposium: Examining Webs of Social Relations: New Research in West Mexican Archaeology and West Mexico-U.S. Southwest Connections**  
**Room:** Franciscan CD  
**Time:** 8:00 AM - 11:45 AM  
**Chairs:** Michael Mathiowetz and Randall McGuire

**Participants:**

8:00 Polly Schaafsma—Some Observations on Hohokam Figurines: Implications for Early American Southwest Connections with West Mexico

8:15 Susana Ramirez-Urrera De Swartz, Catherine Liot and Javier Reveles—The Transition between Epiclassic to Early Postclassic in Western Mexico. Processes Involved in the Sayula Basin (Jalisco)

8:30 Jorge Morales, Jose Carlos Beltran and Katrin Sieron—Possible Causes for Mayor Cultural Change between Classic and Postclassic Occupations in Western Mexico

8:45 José Carlos Beltrán Medina, Katrin Sieron and Juan Jorge Morales—El sitio megalítico de Ahuacatlán, ejemplo de erupciones volcánicas y de cambio cultural

9:00 Lourdes Gonzalez—Reconocimiento Arqueológico en las Sierras Neovolcánicas Nayaritas: Dinámicas Culturales y Patrón de Asentamiento

9:15 Daniel Pierce—Preliminary Results on Regional Postclassic Azatlán Obsidian Usage Patterns

9:30 Guadalupe Sanchez Miranda and John Philip Carpenter—Funerary Practices in Prehispanic Sinaloa: Assessing Azatlán Mortuary Behavior

9:45 Jose Luis Punzo and Lissandra Gonzalez—Ring the Bell: A Spatial Comparative Analysis of Copper Bells between the Greater Southwest and Michoacán

10:00 Michael Mathiowetz—Copper Back Mirrors (Tecucuilotlilli) as Objects of Political and Religious Authority in the Casas Grandes World (A.D. 1200–1450)

10:15 Elisa Villalpando—The Sound of Dancing in the Desert Northwest/Southwest. Copper Bells from Trincheras, and the Casas Grandes Connection

10:30 Danielle Phelps, Cristina Garcia-Moreno and James Watson—
Selective Influence of West Mexico Cultural Traditions in the Onavas Valley, Sonora, Mexico  
10:45 César Villalobos and Elisa Villalpando—Materiality of Death at Cerro de Trincheras, Sonora: A Comparison of Ceramic Urn Funerary Practice in a Macro Regional Scale  
11:00 Natalia Martínez Taguena and Luz Alicia Torres Cubillas—Trading, Borrowing, Stealing, Fighting, Collaborating and Sharing: Comcáac Social Interactions with Their Neighbors  
11:15 Questions and Answers  
11:30 Joseph Mountjoy—Discussant

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<th>Time</th>
<th>Session</th>
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<tr>
<td>8:00</td>
<td>Trina Arpin and Harris Greenberg—Where’s the Beef? The Value of an Interdisciplinary Approach to PPN Features</td>
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<td>8:15</td>
<td>Susan Mentzer and Christopher Miller—From Kebara to KwaZulu-Natal: Integrating Micromorphology and Mineralogical Analyses in the Study of Diagenesis in Combustion Features</td>
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<td>8:30</td>
<td>Curtis Marean and Panagiotis Karkanas—Cave Life Histories of Non-Anthropogenic Sediments Helps us “Raise the Bar” in Our Understandings of Anthropogenic Sediments</td>
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<td>8:45</td>
<td>Alan Simmons and Rolfe Mandel—Site Formation Processes and Stratigraphy of Akrotiri Aetokremnos, Cyprus: The Devil is in the Details</td>
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<td>9:00</td>
<td>Melissa Goodman-Elgar—A Microstratigraphic Perspective on Early Civic and Ritual Architecture: A Case from the Kala Uyuni Site, Bolivia</td>
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<td>9:15</td>
<td>Vera Aldeias—Sea Shells by the Sea Shore: Microstratigraphic investigations of the Cabeço da Amoreira Mesolithic shell midden (Muge, Portugal)</td>
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<td>9:30</td>
<td>Reid Ferring—New Evidence for Complex Occupation Patterns at Dmanisi, a 1.85–1.76 Ma Site in the Georgian Caucasus</td>
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<td>9:45</td>
<td>Michael Chazan—The Earlier Stone Age Occupation of Wonderwerk Cave: Combining the Archaeology and Geology</td>
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| 10:00 | Carolina Mallol, François Bachelerie, Eugène Morin, Brad Gravina and Isabelle Crèvecœur—Insights into Site Formation Processes at La-Roche-à-Pierrot, Saint Césaire (Charente-
Maritime, France): A Microstratigraphic Perspective

10:15 Brandy Rinck—Recent Applications of Micromorphology to Cultural Resources Management in the Pacific Northwest

10:30 Rolfe Mandel, Paul Goldberg, Tony Layzell and Jennifer Haas—Unraveling the Site Formation Process at Finch (47JE0902): A Multicomponent Habitation in Southeastern Wisconsin


11:00 Harold Dibble, Alain Turq, Laurent Chiotti, Marie Soressi and Laurent Bruxelles—A Brief Review of the Work of Paul Goldberg in SW France

11:15 Dennis Sandgathe, Vera Aldeias, Harold Dibble and Shannon McPherron—A Most Interesting Career: Paul Goldberg’s Other Contributions to Life and Science

11:30 Christopher Miller and Susan Mentzer—It’s All about Scale—Thoughts on Paul Goldberg’s Contributions to Geoarchaeology

11:45 Nicholas Conard—Discussant

[191] SYMPOSIUM, EVOLUTIONARY THEORY AND ARCHAEOLOGY, PART I: CULTURAL TRANSMISSION, CULTURAL EVOLUTION, AND EVOLUTIONARY ARCHAEOLOGY

Room: Continental Ballroom 4
Time: 8:00 AM - 12:00 PM

Participants:

8:00 Brian Popp, Jarman Jarman, Hilary Close, Thomas Larsen and Terry Hunt—Why Terrestrial Diets in Island Environments? Evolutionary Considerations of Isotopic Results from Rapa Nui

8:15 Timothy Rieth and Ethan Cochrane—The Origins and Distribution of Oceanic Agricultural Techniques Revealed through Comparative Phylogenetic Analysis

8:30 Carl Lipo and Mark Madsen—An Approach to Fitting Transmission Models to Seriations for Regional-Scale Analysis

8:45 Jonathan Scholnick, Matthew Looper, Jessica Munson, Yuriy Polyukhovych and Martha Macri—Using Glyphic Variation to Infer the Social and Spatial Scale of Learning among Classic Maya Scribes

9:00 Briggs Buchanan, Mark Collard and Michael O’Brien—Investigating Drivers of Technological Richness among Contact-Period Western North American Farmers
9:15 Charles Perreault—Measuring the Complexity of Lithic Technology
9:30 Luke Premo—Mobility and Cultural Diversity in Central-Place Foragers: Implications for the Emergence of Modern Human Behavior
10:00 Mark Lake, Eugenio Bortolini and Enrico Crema—Is Wright-Fisher Reproduction an Appropriate Null Model for Cultural Transmission via Objects?
10:15 Anne Kandler—Analyzing Cultural Change
10:30 Krist Vaesen and Wybo Houkes—No Strength in Numbers after all? Demographic Explanations of Cumulative Culture Re-Examined
10:45 Adrian Timpson, Katie Manning, Stephen Shennan and Enrico Crema—The Evolution of Farming, and the Boom and Bust of Culture
11:00 Stephen Shennan—Population, Monuments and Violence in Neolithic Europe
11:30 Peter Richerson—Cultural Evolution in Archaeology
11:45 Questions and Answers

Room: Continental Ballroom 6
Time: 8:00 AM - 12:00 PM
Chair: Michael Faught

Participants:
8:00 E. James Dixon and Kelly Monteleone—Survey for Submerged Archeological Sites on the Continental Shelf of SE Alaska: Proof of Concept
8:15 Quentin Mackie, Alison Proctor, Fedje Daryl and Bradley Colin—Survey for Stone Wall Fish Weirs on the Continental Shelf Near Haida Gwaii, British Columbia Using an Autonomous Underwater Vehicle (AUV)
8:30 Daryl Fedje, Quentin Mackie and Duncan McLaren—Paleoshorelines and Archaeology of the Discovery Islands on the West Coast of Canada
8:45 Nicolena (Niki) Virga, Norman Easton, Charles Moore, Andrew Mason and Rob Field—The Montague Harbour Underwater Archaeology Project: Final Conclusions and Prospects for Future Research on the Northwest Coast

9:00 Ben Ford, Mark Durante and Katherine Farnsworth—The Potential for Submerged Prehistoric Sites Beneath Pennsylvania’s Lake Erie Waters

9:15 John O’Shea, Ashley Lemke and Elizabeth Sonnenburg—Micro-Regional Approaches to Underwater Landscapes and Submerged Archaeological Sites

9:30 Stefan Claesson—Pleistocene Megafauna Finds from the Merrimack River Delta

9:45 Kerry Lynch—New England’s Submerged Pre-Contact History: Identifying an Intact Archaic site in Salem, Massachusetts

10:00 Questions and Answers

10:15 Amanda Evans—Right Place, Right Time: Paleoindian Landscapes on the Gulf of Mexico, Outer Continental Shelf

10:30 Richard Weinstein, Charles Pearson and Amanda Evans—Identification and Assessment of Subsided and Drowned Prehistoric Archaeological Sites, Lakes Borgne and Pontchartrain, Southeastern Louisiana

10:45 C. Hemmings and J. M. Adovasio—Preliminary Investigations at Brownstone, an Underwater Site Adjacent to the Inundated Paleo-Suwannee River Channel, Florida

11:00 Jessica Cook and Ervan Garrison—These are the Pearls that were His Eyes: Interpretive Frameworks for Submerged Middle Archaic Sites in the Big Bend of Florida and the Georgia Bight, U.S.A.

11:15 Leah Colombo—Finding the Needle in the Haystack: Submerged Prehistoric Archaeological Sites in Everglades National Park

11:30 Jessi Halligan, Michael Waters and Morgan Smith—Preserved Paleoindian Site Potential and Regional Geological Patterns in Florida's Karst Rivers

11:45 Questions and Answers

[193] SYMPOSIUM: INTERPRETING CHANGES IN ANCIENT MAYA SOCIETY: FROM LANDSCAPE AND ARCHITECTURE TO EVERYTHING IN BETWEEN

Room: Golden Gate 6
Time: 8:00 AM - 12:00 PM
Chair: Paulo Medina
Participants:
8:00 Carlos Rincon Mautner—Ritual Constructions of the Mesoamerican Underworld View in the Caves and Cavates of the Southern Mexican Highlands: An Exploration of Changing Functions and Meanings
8:15 Marieka Arksey and Holley Moyes—Keeping it Natural: Ancient Maya Modifications of the Ritual Landscape Outside of Caves
8:30 Joseph Orozco—Ritualized Shatter: An Introduction of Obsidian to La Mipla, Belize
8:45 Erin Sears—Willfully Obscured: Figurines and Caves in the Maya Late Classic Period
9:00 Chip Foorde—Maya Graffiti and Sacred Spaces
9:15 Lauren Santini—Preliminary Results of Wood Charcoal Analysis for Household Groups in San Bartolo
9:30 Victoria Poston—Architecture and the Subjective Experience
9:45 Amber Lopez-Johnson and Jaime Awe—An Analysis of Architectural Form and Function at Cahal Pech, Belize: The Case of Structure B7
10:00 Elisa Mencos—Conjunto Los Árboles: Its Use
10:15 Asia Alsgaard—The Role of Offerings in Interpreting Architecture: Evaluating Human Remains at Xultun, Peten, Guatemala
10:30 Mary Clarke—The Role of the Sweatbath in Classic Maya Ritual Performance
10:45 Jennifer Wildt—Public or Private: Adaptations in the Use of Public Space during the Maya Late Classic Period
11:00 David Ricardo Del Cid Castillo—The Pyramid 12H3 Xultun Archaeological Site, Peten: Transition from the Preclassic to Classic
11:15 Jonathan Ruane—The Development and Modification of a Hydraulic Urban Space at the Classic Maya Site of Xultun, Guatemala
11:30 Paulo Medina—Discussant
11:45 William Saturno—Discussant

[194] SYMPOSIUM THE AZTECS AND THEIR WORLD: INTERDISCIPLINARY CONTRIBUTIONS OF FRANCES BERDAN
Room: Imperial Ballroom B
Time: 8:00 AM - 12:00 PM
Chairs: Michael Smith and Deborah Nichols
Participants:
8:00 Deborah Nichols—Frances F. Berdan and “Finding a Good
Road: "Anthropology and the Aztec World
8:15  Timothy Hare and Marilyn Masson—Tracking Luxury Craft Production across Mayapán's Physical and Social Landscapes
8:30  Leonardo López Luján and José Luis Ruvalcaba Sil—Templo Mayor's Gold
8:45  Emily Umberger—Warior Regalia and Questions of Inalienable Possessions in the Aztec World
9:00  Laura Filloy and María Olvido Moreno Guzmán—The Chapultepec Castle Chimalli: A Habsburg-repatriated Mexica feline-hide shield
9:15  Michael Smith—The Economics of Aztec Inequality or, the Inequality of the Aztec Economy
9:30  Kenneth Hirth, Sarah Imfeld and Colin Hirth—The 16th Century Merchant Community of Santa Maria Acxotla, Puebla
9:45  Barbara Stark—Ceramic Emulation: Empires and Eminent Polities Seen from Afar
10:00 Janine Gasco—Life in the Tributary Province of Xoconochco
10:15 Helen Pollard—Nahua Merchants in a Tarascan World
10:30 Peter Robertshaw, Laure Dussubieux and Freda Nkirote—The Explanation of Ceramic Variation in East African Prehistory: New LA-ICP-MS Results from Gogo Falls, Kenya
10:45 Richard Blanton—Frannie Berdan and Economic Anthropology
11:00 Karl Taube—The Birth of Ehecatl: The Cultural Origins of the Avian Wind God OF Central Mexico
11:15 Alan Sandstrom—Why Pilgrimage? The Ethnography and Archaeology of Journeys to the Center
11:30 Frances Berdan—Discussant
11:45 Questions and Answers

FORUM CARING FOR HOMELANDS: TRIBAL HISTORIC PRESERVATION IN THE UNITED STATES
(Sponsored by Indigenous Populations Interest Group, Committee on Native American Relations)
Room: Golden Gate 2
Time: 10:00 AM - 12:00 PM
Moderators: Sara Gonzalez and Patricia Garcia
Participants:
Dennis Lewarch—Discussant
Grace Goldtooth—Discussant
Maureen Mahoney—Discussant
Briese Edwards—Discussant
Marcos Guerrero—Discussant
Ronald Maldonado—Discussant
Ora Marek-Martinez—Discussant
William Quackenbush—Discussant
James Quinn—Discussant

[196] SYMPOSIUM: PRECLASSIC KAMINALJUYU, GUATEMALA: NEW INTERPRETATIONS ON SOCIAL PROCESSES
Room: Golden Gate 5
Time: 10:15 AM - 12:00 PM
Chair: Jose Raul Ortiz
Participants:
10:15 Takeshi Inomata—A Revised Kaminaljuyu Chronology and its Implications for Social Processes
10:30 Jose Raul Ortiz—Revisiting the Preclassic Ceramic Sequence of the Greater Kaminaljuyu Zone
10:45 Gloria Aju, Barbara Arroyo, Lorena Paiz and Andrea Rojas—The Chronological Ceramic Sequence of Naranjo, Guatemala: A Revision and Relationship to Kaminaljuyu
11:00 Eugenia Robinson—The Antigua Valley, Guatemala: Dating and Contexts of the Middle Preclassic Period
11:15 David Stuart—Early Maya Script and Visual Culture: A Chronological and Geographical Reassessment
11:30 Lucia Henderson—All in Good Time: the “New Highland Chronology” and the Sculptures of Kaminaljuyú, Guatemala
11:45 Geoffrey Braswell—Discussant

[197] SYMPOSIUM: RESEARCH DESIGNS AND DAMAGE ASSESSMENTS: APPROPRIATE RESPONSE TO TREAT IRREVOCABLY EFFEC TED PLACES
Room: Union Square 2
Time: 10:15 AM - 12:00 PM
Chairs: Johna Hutira and Nina Swidler
Participants:
10:15 Nina Swidler, Johna Hutira and Joyce Francis—Amity Pueblo: A Different Sort of Horror
10:30 Martin McAllister—Getting Right with the Damage: Archaeological Value and Cost of Restoration and Repair Determinations Archaeological Damage Cases
10:45 Desiree Martinez and Cindi Alvitre—Caring for the Honuukvetam Pimuu've: Lessons from the Metropole Project, Avalon, Catalina Island, California
11:00 Shereen Lerner—Applying the Principles of MATRIX in the Real World
11:15 Theresa Pasqual and Kurt Dongoske—Mitigating the Sacred? Examining the Role of Native American Associative Values in Resolving Adverse Effect
11:30 Joseph Ontiveros and Desiree Martinez—Collaborative Efforts to Preserve Los Angeles’ History: Saving The Campo Santo
11:45 Claudia Nissley—Discussant

[198] **GENERAL SESSION • MESOAMERICAN ARCHAEOLOGY: CENTRAL MEXICO AND THE GULF COAST**
**Room:** Union Square 1
**Time:** 10:15 AM - 11:45 AM
**Chair:** Chantal Huckert

**Participants:**
10:15 Yamile Lira-Lopez—Distribución temporal de la cerámica teotihuacana en el valle intermontano de Maltrata, Veracruz
10:30 Osiris Quezada and Camila Pascal—Vocablos nahuas aplicados al proceso constructivo de los edificios prehispánicos del Altiplano Central
10:45 Chantal Huckert—Imágenes en la Vestimenta de las Figurillas Sonrientes de la Costa del Golfo
11:00 Arturo Pascual Soto—Los murales de El Tajin: Excavaciones en un antiguo edificio pintado
11:15 Rebecca Gonzalez Lauck—On Olmec niche figures, altars and thrones
11:30 Diana Zaragoza—Digging into Mesoamerican History in the Huastec Region

[199] **SYMPOSIUM • DIGITAL ANALYSIS OF THE NATURAL AND CULTURAL INTERFACE**
*(Sponsored by ICAHM)*
**Room:** Golden Gate 7
**Time:** 10:30 AM - 12:00 PM
**Chairs:** Douglas Comer and Mike Carson

**Participants:**
10:30 Will Megarry, Gabriel Cooney, Robert Sands, Douglas Comer and Bryce Davenport—Mapping Marginal Landscapes—A Study from Neolithic Shetland
10:45 Mike Carson—De-coding landscape heritage through cross-disciplinary studies in Pacific Oceania
11:00  Douglas Comer, Ronald Blom, Bruce Chapman, Will Megarry and Bryce Davenport—Searching for Evidence of Early Human Occupation of the New World with Aerial and Satellite Imagery

11:15  Bryce Davenport, Douglas Comer, Will Megarry, Alexandru Popa and Sergiu Musteata—Terrain Modeling at Orheiul Vechi, Moldova

11:30  Thomas Sever, Thomas L. Sever and Robert Griffin—A Satellite-Based Perspective on Ancient Climate in Tropical and Desert Regions

11:45  Till Sonnemann, Menno Hoogland, Corinne L. Hofman, Eduardo Herrera Malatesta and Jorge Ulloa Hung—Amerindian Archaeological Site DEM Construction and Analysis from UAV Flights

[200]  SYMPOSIUM ON MACROSCOPIC APPROACHES TO ARCHAEOLOGICAL HISTORIES: INSIGHTS INTO ARCHAEOLOGICAL PRACTICE FROM DIGITAL METHODS
Room: Golden Gate 3  
Time: 10:30 AM - 12:00 PM
Chair: Shawn Graham

Participants:
10:30  Tom Brughmans—Off the Beaten Track: Exploring what Lies Outside Paths of Most Frequently Cited Publications in Citation Networks
11:00  Eric Kansa—Academic Freedom, Data, and Job Performance in the Panopticon
11:15  Lorna-Jane Richardson—Discussant
11:30  Ian Kretzler, Joss Whittaker and Ben Marwick—Grand Challenges vs Actual Challenges: Text Mining Small and Big Data for Quantitative Insights
11:45  Ethan Watrall—Discussant

[201]  GENERAL SESSION ON MUSEUMS, COLLECTIONS, AND CURATION
Room: Yosemite A  
Time: 10:30 AM - 12:00 PM
Chair: Jody Clauter
Participants:
10:30  Joel Zovar—Digital Solutions in an Imperfect World: Digital Asset Management, Outreach and the Crisis in Curation
10:45  Linda Hurcombe, Alison Sheridan and Fiona Pitt—Touching the Past in Museums: Issues of Authenticity and Identity for Crafted Replicas and 3D Print Facsimiles of Rare, Perishable and Iconic Artefacts
11:00  Donna Ruhl—Exposed Again: Current Environmental Impact on Dugout Canoes—Their Research and Care!
11:15  Daniel Shoup and Luca Zani—The Shipwrecks of Pisa: Management, Professional Optimism, and Bureaucratic Myopia
11:30  Jody Clauter—The Results of Using Associated Records to Facilitate New Research: Recent Excavations at the Elk Mountain Site (48CR301)
11:45  Sarah Love and Andrew Vaughan—3D Modeling of Archaeological Collections: A Case Study in Archaeometry

[202]  POSTER SESSION BIOARCHAEOLOGY IN THE UNITED STATES AND CANADA
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Participants:
202-a  Charles Boyd, Terry Melton and Donna Boyd—Bioarchaeological Evidence for Matrilineal Descent in a 13th Century Native American Village
202-b  David Byers and Joan Coltrain—Bone Carbonate Derived Stable Isotope Data and Aleut Diet Change
202-c  Tiffiny Tung, Molly Shea and Larisa DeSantis—Stable Isotope Analysis of African Slave Burials from the Grassmere Plantation, Nashville, Tennessee
202-d  Virginia Lucas—A Reexamination of Human Remains from Late Prehistory in the Alabama River Valley
202-e  Debra Martin, John Crandall and Ryan Harrod—No Better Angels Here: Bioarchaeology of Non-Lethal Head Wounds in the Greater Southwest (AD 900–1350)
202-f  Jessica Cerezo-Román—Deconstructing Multiple Intersecting Identities and Cremation Ritual among the Preclassic Hohokam of the Tucson Basin

[203]  POSTER SESSION BIOARCHAEOLOGY AND MORTUARY ARCHAEOLOGY IN SOUTH AMERICA
Room: Grand Ballroom A  
Time: 10:30 AM - 12:30 PM

Participants:
203-b María Claudia Herrera López—An Approach to the Tombs and Rituals in Area 49 in San José de Moro
203-c Lucas Kellett, Sarah Jolly, Danielle Kurin and Guni Monteagudo—Life at Achanchi: A High Altitude Chanka Burial Site from the Andahuaylas Region of Southern Peru
203-d Gustavo Martínez and Gustavo Flensborg—New Evidences of Human Corpse Manipulation among Hunter-Gatherers Societies in North-Eastern Patagonia (Argentina)
203-e William Pestle, Christina Torres-Rouff and Francisco Gallardo—Life and Death at the Mouth of the River Loa: Bioarchaeological and Biogeochemical Analysis of Human Remains from Formative Period Northern Chile
203-f Allisen Dahlstedt—Infectious Diseases within the Tiwanaku Periphery
203-g Sarah Baitzel—What Once Was…: Taphonomical Processes and their Implications for Understanding Tiwanaku Funerary Practices and Social Identities
203-h Erin Smith, William Pestle, Francisco Gallardo and Christina Torres-Rouff—Isotopic Analysis of Dietary Variation in Formative Period Chile

[204]  POSTER SESSION ADVANCES IN BIOARCHAEOLOGICAL METHODS  
Room: Grand Ballroom A  
Time: 10:30 AM - 12:30 PM

Participants:
204-a Joshua Schnell—Three-Dimensional Osteometry: A Comparative Study of 3D Model Generation Techniques for Cranial Osteometry
204-b Elizabeth Simon and Hugo F.V. Cardoso—Preliminary Testing of Facial Approximation Methods for finding the Pronasale in Children
204-c Frankie Pack, Kathryn Kulhavy and Graciela Cabana—Validation of a Non-Destructive DNA Extraction Protocol for Ancient DNA Analyses
204-d Tony Fitzpatrick and Leslie Brown—A Novel Method of Stature
Friday Morning, April 17

Estimation for Fragmentary Femora
Jeremy Pye—Laboratory Techniques for the Detection of Human Parasites in Archaeological Samples

Briana New, Merisa Stacy, Sarah Blessing, Jessa Ripley and Susan Kuzminsky—Testing the Applicability of Non-destructive Methods and Databases for Determining Biological/Cultural Affiliation within NAGPRA

[205] POSTER SESSION GLOBAL STUDIES IN BIOARCHAEOLOGY AND MORTUARY ARCHAEOLOGY
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM

Participants:
205-a Sarah Schrader and Michele Buzon—A Bioarchaeological Assessment of Diet and Dental Health during the New Kingdom/Napatan Transition in Ancient Nubia (Tombos, Sudan)
205-b Katherine Kinkopf and Jess Beck—Bioarchaeology and Looting: A Case Study from Sudan
205-d Lana Williams and Jane Masséglia—Tending the Vines: Biomechanical Evidence of Laterality and Gendered Labor Division in Viticulture at Pessinus, Turkey
205-e Tiffany Hansen and Steve Hackenberger—Bioarchaeology, Barbados, Eastern Caribbean: Isotopic Analyses of Teeth and Bone from Human Remains
205-f Sean Dougherty and Akira Tsuneki—To Snatch the Baby from Its Mother’s Lap: Infant Mortality and Maternal Health at Tell el-Kerkh, Syria
205-g Amanda Groff, Tosha Dupras and John Krigbaum—Take Me Home Desert Roads…Stable Oxygen Isotope Analysis and Migration in the Dakhleh Oasis, Egypt
205-h Amber Joliz Steinbruchel, Aaron Chang, John Kribaum and Adam Lauer—A Bioarchaeological Investigation of an Explosive Impacted Skeleton from Ifugao, Philippines Cordillera
205-i Jacqueline Eng and Mark Aldenderfer—Skeletal Trauma in an Ancient High Altitude Himalayan Community of Mustang, Nepal
205-j Alexandra McDougle and Adam Lauer—Ifugao Neonate and Infant Oral Health
205-k Blair Heidkamp and Olivia Navarro-Farr—Tomb of the Goblets: Revisiting a Middle Bronze Burial from Pella in Jordan
Friday Morning, April 17

205-l Meagan Shirley and P. Nick Kardulias—Anglo-Saxon and Viking Ship Burials as Indicators of Rank and Wealth

[206] **Poster Session**

**Bioarchaeology and Mortuary Archaeology in Mesoamerica**

**Room:** Grand Ballroom A

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

**Participants:**

206-a Michael Walters and Rebecca Storey—Juvenile Death and Ancestor Veneration: Comparing Child Burials of the Preclassic Maya at K'axob and Cuello, Belize

206-b Aviva Cormier—A Combined Bioarchaeological and Isotopic Approach to Understanding the Regional Diversity and Population Mobility within the Holmul Region, Guatemala

206-c Megan Greenfelder—Examination of Mortuary Ritual Associated with Construction Events in peripheral sites of the Motul de San Jose polity, Peten, Guatemala

206-d Kirsten Green, Ashley McKeown and Rosanne Bongiovanni—Always Facing East...Except when They’re Not: Preliminary Analysis of Mortuary Trends at Cahal Pech, Cayo, Belize

[207] **Poster Session**

**Bioarchaeology and Mortuary Archaeology in Europe: Methodological and Ethical Perspectives**

**Room:** Grand Ballroom A

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

**Participants:**

207-a Evan Muzzall—Burial and Social Organization in Italian Iron Age Necropoleis: Testing a Biodistance Approach

207-b Jana Velemínská, Lucie Bigoni, Jan Dupej, Petra Fenclová and Petr Velemínský—Fluctuating Asymmetry, Developmental Stress and the Socioeconomic Structure of a Great Moravian Early Medieval Society

207-c Petr Veleminsky, Petra Havelkova, Jan Dupej, Jana Veleminska and Dominique Castex—Sexual Dimorphism and Morphological Variability with Regard to the Socio-Economic Structure of the Early Medieval European Population (6th–9th Century)

207-d Sharon DeWitte—Developmental Stress and Disease Susceptibility: the Association between Skeletal Indicators of Leprosy and Other Physiological Stressors
207-e Katherine Page, Tosha Dupras, Rimantas Jankauskas, Lana Williams and Courtney Eleazer—Deviance in Youth: Anomalous Nitrogen and Carbon Isotopic Values among Individual Subadults at Medieval Alytus, Lithuania

207-f Alina Tichinin, Eric Bartelink, Gunita Zarina, Sabrina Sholts and Sebastian Wärmländer—The Relationship between Cribra Orbitalia, Zinc Deficiency, and Dietary Habits in Children from 17th–18th Century Jēkabpils, Latvia

207-g Jaroslav Bruzek, Kevin Salesse, Petr Velemínský, Pascal Sellier and Dominique Castex—Bioarchaeology of a Demographic Crisis in the Baroque Phase of the St. Benedict Cemetery in Prague: a Multidisciplinary Approach

207-h Sacha Kacki and Dominique Castex—From Burial Grounds to the Interpretation of Past Epidemics: Diagnostic Approach and New Insight on Funerary Practices

207-i Colene Knaub, Nicole Jacobson and Kate Flor-Stagnato—Exhumation vs. Excavation: The Armenian Genocide and Our Ethical Responsibilities

[208] **POSTER SESSION**

**MORTUARY ASSEMBLAGES FROM URACA, AN EARLY WARI-ERA CEMETERY IN THE MAJES VALLEY OF AREQUIPA, PERU**

**Room:** Grand Ballroom A

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

**Chair:** Cassandra Koontz

**Participants:**

208-a Cassandra Koontz—Landscapes of Violence: Trophy Head Production and Interpersonal Violence during the Wari era in the Middle Majes Valley, Arequipa, Peru

208-b Adam Birge and Cassandra Koontz—Trophies of Violence: The Manufacturing and Processing of Human Trophy Heads at Uraca

208-c Megan Allen—Spinning in the Middle Horizon: Spindle Whorls from the Site of Uraca in the Majes Valley

208-d Samantha Seyler—Belt-Making Traditions and Identity at the Site of Uraca, Majes Valley, Peru

208-e Aric Archebelle-Smith, Cassandra S. Koontz, Lisseth Rojas Pelayo and Manuel Angel Mamani—Variations in Cranial Vault Modification at Uraca, Majes Valley, Peru

[209] **SYMPOSIUM**

**THE DISCOVERY, EXCAVATION, AND LESSONS OF**
IRONWOOD VILLAGE, AN EARLY HOHOKAM BALLCOURT
SETTLEMENT NEAR TUCSON, ARIZONA
(Sponsored by PaleoWest Archaeology)
Room: Continental Parlor 2
Time: 10:45 AM - 12:00 PM
Chairs: Shawn Fehrenbach and Thomas Motsinger

Participants:
10:45 Thomas Motsinger and Shawn Fehrenbach—Digital Archaeology at Ironwood Village: A Model for Archaeology's Paperless Future
11:00 Kye Miller—An Overview of Architectural Practice at the Ironwood Village, Northern Tucson Basin, Arizona
11:15 Douglas Mitchell and Teresa Ingalls—The Ironwood Village Cemeteries: Exploration of Burial Customs at an 8th Century Hohokam Village
11:30 Andrew Lack and Todd Bostwick—Games, Feasting, and Trade Fairs: Assessing the Relationship between Ballcourts and Exchange at the Ironwood Village Site
11:45 Cory Breternitz—Discussant

[210] SYMPOSIUM EXPLORING SOCIAL CHANGE IN THE EPIPALAEOLITHIC AND EARLY NEOLITHIC OF THE NEAR EAST
Room: Continental Ballroom Parlor 8
Time: 10:45 AM - 12:00 PM
Chair: Fiona Coward

Participants:
10:45 Fiona Coward—Using Networks to Investigate Material Identities in the Epipalaeolithic and Early Neolithic of the Near East
11:00 Lisa-Marie Shillito—Technological Choice or Environmental Constraints? Fuel Use at Boncuklu and Çatalhöyük
11:15 Emma Jenkins, Carol Palmer, John Grattan, Samantha Allcock and Sarah Elliott—An Integrated Phytolith and Geochemical Approach to Understanding Activity Areas and the Choice of Building Materials in Neolithic Sites Using Ethnographic Analysis
11:30 Bill Finlayson—Community and Agency in the Early Neolithic of SW Asia
[211] **GENERAL SESSION • NEOLITHIC SETTLEMENTS AND LANDSCAPES**  
**Room:** Union Square 25  
**Time:** 10:45 AM - 12:00 PM  
**Chair:** Benjamin Chan  

**Participants:**  
10:45 Richard Yerkes, William Parkinson and Attila Gyucha—A Tale of Two Tells: Variation in Neolithic Nucleated Settlements in Southeastern Europe  
11:00 Olivier Weller, Jérôme Dubouloz and Laurence Manolakakis—From Materiality to Space: Monumental Enclosures, Exploited Mineral Resources and Territoriality during the Michelsberg Culture (Neolithic, 4200–3700 BC, France and Germany)  
11:15 Ivan Gatsov and Petranka Nedelcheva—Lithic Assemblages in NW Turkey during the 7-6 mill BC  
11:45 Benjamin Chan—The Faces Behind the Façade: Monuments and their Associated Practices in Neolithic Britain

[212] **GENERAL SESSION • ZOOARCHAEOLOGICAL STUDIES IN THE SOUTHWESTERN UNITED STATES**  
**Room:** Golden Gate 4  
**Time:** 10:45 AM - 12:00 PM  
**Chair:** Michael Wylde  

**Participants:**  
10:45 Laura Steele—Interpretations of the Use of Avian and Mammalian Fauna at Sapa’owingeh (LA 306)  
11:00 Lucy Gill, Gabrielle Borenstein and Adam Watson—Life on the Edge: An Investigation of 18th Century Spanish Colonial Subsistence Strategies in the Northern Rio Grande  
11:15 Shannon Landry—Zooarchaeology in the Southwest: Ritual Consumption and Faunal Resources at Ridge Ruin Pueblo  
11:30 Sarah MacDonald—Problems at the Peaks: A Zooarchaeological Analysis of Subsistence Stress at Elden Pueblo  
11:45 Michael Wylde—The Faunal Assemblage from the Cañada Alamosa, New Mexico

[213] **SYMPOSIUM • CURRENT ARCHAEOLOGICAL RESEARCH: APPLICATIONS IN THREE-DIMENSIONAL GEOGRAPHIC INFORMATION**
**SYSTEMS**

**Room:** Union Square 13  
**Time:** 11:15 AM - 12:00 PM  
**Chairs:** Terance Winemiller and Virginia Ochoa-Winemiller

**Participants:**


11:30  Christopher Blair—A Three Dimensional View of Architecture and Building Material Use at Structure B-4 Cahal Pech, Belize C.A.

11:45  Virginia Ochoa-Winemiller and Terance Winemiller—Visualizing Prehistoric Artifacts: 3D Scanning, GIS, and Data Sharing

**[214] GENERAL SESSION • ARCHAEOLOGY OF SOCIAL ORGANIZATION IN THE ANCIENT NEAR EAST AND LEVANT**

**Room:** Golden Gate 8  
**Time:** 11:15 AM - 12:00 PM  
**Chair:** D. Bruce Dickson

**Participants:**

11:15  Susannah Fishman—Pots and Production: The Secret Agents of the Urartian Empire

11:30  D. Bruce Dickson—Reinterpreting the Rise of the State in Mesopotamia as a Self-Organizing Process Engendered by the Interaction of Interpersonal Behavior and Religious Eschatology

11:45  Janling Fu—The Expression of Ideology in Levantine Submission Scenes: The Black Obelisk of Shalmaneser III as Feasting in a Neo-Assyrian Context
Friday Afternoon  ■ April 17, 2015

[215] SYMPOSIUM CHERT SOURCING CASE STUDIES PART II: LANDSCAPE DISTRIBUTION AND PREHISTORIC SOCIETIES. (Sponsored by PQEMIG)
Room: Yosemite B
Time: 1:00 PM - 2:00 PM
Chair: Ryan Parish

Participants:
1:00 Andrew Zipkin, Alison Brooks, John Hanchar, Kathy Schick and Nicholas Toth—The Preferential Collection and Use of Ochre Pigments and Iron Ores at Twin Rivers Kopje, Zambia
1:15 Kevin Smith—Color Matters: The Selection and Use of Lithic Raw Materials in Viking Age and Medieval Iceland
1:30 Sean Doyle, Tristan Carter and Daniel Contreras—Archaeological Visibility at Stélida, Naxos: Identifying Activity Hubs at a Palaeolithic Chert Quarry in the Cyclades
1:45 Elizabeth Pintar, Nora Franco and Jorge G. Martinez—The Exploration and Colonization of Two Southern Deserts: Case Studies from the Puna and Patagonia

[216] SYMPOSIUM MAPPING OUT POTTERY PRODUCTION AND EXCHANGE IN THE LATE CLASSIC VALLEY OF OAXACA, MEXICO
Room: Golden Gate 8
Time: 1:00 PM - 2:30 PM
Chairs: Leah Minc and Jeremias Pink

Participants:
1:00 Leah Minc—From Clay Survey to Ceramic Provenance: Establishing a Ceramic Geography for the Late Classic Valley of Oaxaca
1:15 Robert Markens, Cira Martínez López and Marcus Winter—Ceramic Production and Distribution in Classic Period Monte Albán, El Trapiche and Lambityeco
1:30 Ronald Faulseit, Gary Feinman and Linda Nicholas—Ceramic Paste Distribution and Market Exchange in the Tlacolula Valley, Oaxaca, Mexico
2:00 Jeremias Pink—Rural Craft Production and Market Participation in Late Classic Oaxaca: A Case Study from Yaasuchi
2:15 Jeffrey Blomster—Discussant
[217] **SYMPOSIUM: TAMTOC: CHARACTERIZING AN URBAN SOCIETY. RECENT INVESTIGATIONS**

**Room:** Imperial Ballroom A  
**Time:** 1:00 PM - 2:30 PM  
**Chair:** Estela Martínez

**Participants:**
- 1:00 Patricia Hernandez Espinoza—Discussant
- 1:15 Daniel Valtierra Vega, Emiliano Ricardo Melgar Tisoc and Reyna Beatriz Solís Ciracío—Local or Foreign? The Technological Styles of the Lapidary from Tamtoc
- 1:30 Benno Fiehring and Guillermo Cordova Tello—The Political Organization of the Tampaón River Region, San Luis Potosí, Mexico
- 1:45 Estela Martínez and Patricia Olga Hernández Espinoza—Burial Treatment in the Area of La Noria, Tamtoc, SLP, Mexico
- 2:00 Denia Berenice Villanueva Ruiz—Zoomorphic Representations of Figurines in Tamtoc, SLP, Mexico
- 2:15 Corey Ragsdale and Heather JH Edgar—Biological Distance among Huastec, Veracruz, and Maya Groups

[218] **SYMPOSIUM: SUSTAINING HERITAGE: NEW DIRECTIONS FOR ARCHAEOLOGY**

*(Sponsored by SAA Heritage Values Interest Group; ICAHM/ICOMOS)*

**Room:** Union Square 2  
**Time:** 1:00 PM - 2:45 PM  
**Chairs:** Hilary Soderland, Peter Biehl and Christopher Prescott

**Participants:**
- 1:00 Necmi Karul and Mert Bertan AVCI—Heritage and Sustainable Tourism In Turkey: The Case Study of Aktopraklık
- 1:15 Josephine Rasmussen—Heroes of Heritage: Detrimental Situations as Commendable Motivation for Hobbyist Metal Detecting
- 1:30 Tiffany Cain and Richard Leventhal—Heritage Preservation, Community Development and Sustainability: Tihosuco, Mexico and the Caste War of the Yucatan
- 1:45 Caitlin Curtis and Peter Biehl—Çatalhöyük and Localized Universality: The Challenge of Sustaining Heritage Post-UNESCO
- 2:00 Douglas Comer—Discussant
- 2:15 Sander Van Der Leeuw—Discussant
- 2:30 Jean-Paul Demoule—Discussant
[219] **Symposium** ▪ **Current Investigations in the Petén Lakes Region, Guatemala**  
**Room:** Golden Gate 5  
**Time:** 1:00 PM - 2:45 PM  
**Chairs:** Justin Bracken and Carolyn Freiwald

**Participants:**
1:00 Matthew Yacubic—Postclassic to Contact Period Economic Patterns in the Central Peten: The View from Zacpeten
1:15 Yuko Shiratori—Where is Temple?: Construction and Use of Ceremonial Group at Tayasal
1:30 Justin Bracken—Muralla de Leon: Exploring the Fortifications
1:45 Carolyn Freiwald, katherine miller and tim pugh—The Effect of Missionization on the Itza Maya from Isotopic and Biodistance Evidence
2:00 Katherine South—Conceptualizing Early Pottery Value in the Petén Lakes of Guatemala
2:15 Nathan Meissner and Prudence Rice—Postclassic Petén Maya Bow and Arrow Use as Revealed by Immunological Analysis
2:30 Timothy Pugh, Prudence Rice and Evelyn Chan—An Orthogonal Grid at Nixtun-Ch’ich’, Petén, Guatemala

[220] **General Session** ▪ **Archaeology and Bioarchaeology of the Southeastern United States**  
**Room:** Golden Gate 6  
**Time:** 1:00 PM - 2:45 PM  
**Chair:** Diana Greenlee

**Participants:**
1:00 Christine Halling and Ryan Seidemann—Maxillary Lateral Incisor Agenesis: A Case Study of Hypodontia from the Smith Creek Site, Mississippi
1:15 Sarah Mathena, Molly K. Zuckerman, Nicholas P. Herrmann and Toni J. Copeland—A Multistage Model for Treponemal Disease Susceptibility
1:30 Diana Greenlee, Rinita Dalan and Thurman Allen—More to the (Poverty) Point: Investigation of a Previously Unknown Mound
1:45 Judith Melton and Jesse W. Tune—On The Waterfront...Or Not: Investigating the Relationship between Late Archaic Landuse Patterns and Hafted Biface Curation in the Midsouth
2:00 Daniel LaDu and Ian W. Brown—The View from Mazique (22Ad502): Reconsidering the Coles Creek/Plaquemine Cultural Transition from the Perspective of the Natchez Bluffs Region of the Lower Mississippi Valley
2:15  Barbara Purdy, Kathryn Rohlwing and Bruce MacFadden—Devil’s Den (8LV84), Florida: Rare Earth Element (REE) Analysis Suggests Contemporaneity between Late Pleistocene Fauna and Human Skeletal Material

2:30  Christopher Hays and Richard Weinstein—A Tale of Two Sites: the Connections between Poverty Point and Tick Island

[221]  ELECTRONIC SYMPOSIUM, OPEN METHODS IN ARCHAEOLOGY: HOW TO ENCOURAGE REPRODUCIBLE RESEARCH AS THE DEFAULT PRACTICE
(Sponsored by Digital Data Interest Group)
Room: Union Square 1
Time: 1:00 PM - 3:00 PM
Chairs: Ben Marwick, Mark Lake and Andrew Bevan

Participants:
Ben Marwick—Reproducible Research in Archaeology: Basic Principles and Common Tools
Thomas Dye—Compendia and Collaboration: A Case Study from Hawai`i
Julian Richards—Encouraging Open Methods via Data Repositories
Mark Madsen—Tools for Transparency and Replicability of Simulation in Archaeology
C. Michael Barton—Opening the Black Box: Enabling Transparency in Scientific Computation
Fabrizio Galeazzi—ADS 3D Viewer: An Example of Open 3D Real-Time Visualization System in Archaeology
Andrew Bevan—Scripting the Spatial Analysis of Archaeological Datasets

[222]  FORUM, TELLING ARCHAEOLOGY: WRITE! SPEAK! ENGAGE! #WINNING #BESTFORUMEVER
(Sponsored by Student Affairs Committee)
Room: Franciscan AB
Time: 1:00 PM - 3:00 PM
Moderator: Erin Baxter

Participants:
April Beisaw—Discussant
Brian Fagan—Discussant
Stephen Lekson—Discussant
Ian Morris—Discussant
Lorna-Jane Richardson—Discussant
Claudia Valentino—Discussant

[223] FORUM: CONS OR PROS? SHOULD ARCHAEOLOGISTS COLLABORATE WITH RESPONSIBLE COLLECTORS?
(Sponsored by Ethics and Public Education Committees)
Room: Continental Parlor 2
Time: 1:00 PM - 3:00 PM
Moderators: Michael Shott and Bonnie Pitblado

Participants:
Lynn Fisher—Discussant
Ann Early—Discussant
Stephen Nash—Discussant
Jim Cox—Discussant
Terry Childs—Discussant
Robert Connolly—Discussant
Teresita Majewski—Discussant
Fran Seager-Boss—Discussant
Christopher Merriman—Discussant
Ryan Harke—Discussant

[224] FORUM: DIALOGS IN CALIFORNIA ARCHAEOLOGY
Room: Golden Gate 2
Time: 1:00 PM - 3:00 PM
Moderators: Fanya Becks and Peter Nelson

Participants:
Lee Rains Clauss—Discussant
Alan Leventhal—Discussant
Wendy Teeter—Discussant
Nick Tigon—Discussant
Freddie Romero—Discussant

[225] SYMPOSIUM: TRIBAL HERITAGE MANAGEMENT PROGRAMS IN ACTION AT THE GILA RIVER INDIAN COMMUNITY, ARIZONA
Room: Imperial Ballroom B
Time: 1:00 PM - 3:00 PM
Chair: Kyle Woodson

Participants:
1:00 Kyle Woodson—Tribal Heritage Management in Action at the
Gila River Indian Community, Arizona

1:15 Craig Fertelmes, Michael Withrow and Letricia Brown—Vesicular Basalt Provenance Analysis: A Collaborative Research Effort among Southern Arizona Native American Communities and Archaeologists

1:30 Chris Loendorf, Shari Tiedens, Brett Coochyouma and R. Scott Plumlee—Akimel O’odham Projectile Point Design and P-MIP Archaeological Research

1:45 Wesley Miles and Kyle Woodson—Documenting Ancient Hohokam Irrigation Systems along the Middle Gila River and the Social Organization of Irrigation

2:00 J Andrew Darling and Barnaby V Lewis—Place, Place Name and Property in the Identification of O’odham and Pee Posh TCPs


2:30 John Hoffman, Teresa Rodrigues, Emery F. Manuel and Alan Sinclair—Gila River Indian Community’s Wildland Fire Archaeology Program

2:45 Garry Cantley—Discussant

[226] SYMPOSIUM THE CUTTING EDGE OF AMERICAN PALAEONTHOLOGY

Room: Golden Gate 3
Time: 1:00 PM - 3:30 PM
Chair: Christine Hastorf

Participants:
1:00 Naomi Miller—Beyond Seeds and Charcoal: Constructing a Past for the Future

1:15 John Marston—Reconstructing Agricultural Decision Making from Paleoethnobotanical Remains

1:30 Deborah Pearsall—The Nature and Status of Paleoethnobotany: Methods and Approaches for Understanding Site Formation Processes

1:45 Neil Duncan—The Nature and Status of Paleoethnobotany

2:00 Bruce Smith—Current and Future Directions in Archaeobotany

2:15 Logan Kistler—Molecular Archaeobotany from its Early Foundations Onward: New Questions and Perspectives for the Genomic Era

2:30 Paul Minnis—Paleoethno...What?

2:45 Amber VanDerwarker—Social Spaces between Diet and
Foodways

3:00 Dolores Piperno—Some Comments on Present and Future Contributions of Paleoethnobotany in the Neotropics

3:15 Jose Iriarte, Francis Mayle, Ruth Dickau, Bronwen Whitney and John Carson—A Multi-Proxy Approach to Investigate Human-Plant Interactions in Amazonia: A Case Study from the Llanos de Moxos

[227] SYMPOSIUM ENTANGLED ENCOUNTERS IN THE CENTRAL ANDES: PROCESS, OUTCOME AND LEGACY
Room: Yosemite C
Time: 1:00 PM - 3:30 PM
Chairs: Carla Hernandez Garavito and Kasia Szremski

Participants:
1:00 Rafael Vega-Centeno—Ethnic Interaction and Settlement Composition at Huacramarca
1:15 Milosz Giersz, Patrycja Przadka Giersz and Wieslaw Wieckowski—Entangled Encounters in the Wari World: Coast-Highland Interactions during the Middle Horizon as Revealed by the Archaeological and Bioarchaeological Investigations in the Castillo de Huarmey, North-Central Coast of Peru
1:30 Allen Rutherford—Forming Bonds in the Late Intermediate Period Huaura Valley and Central Coast of Peru
1:45 Kasia Szremski—Entangled Encounters between the Chancay and Chaupiyunginos in the Huanangue Valley, Peru
2:00 Aldo Noriega—Expansión de la Cerámica Chancay en el valle de Checras en la Sierra Norte de Lima
2:15 Jonathan Palacios Linares—Ideología y rituales de lluvia compartidos por los yungas del Periodo Cerámico Inicial (1,600 a.C.) y las poblaciones serranas del presente en la cuenca del Rímac, Costa Central del Perú
2:30 Peter Eeckhout—Travelers Stones. Highland and Coastal Interactions in Late Ritual Contexts at Pachacamac
2:45 Carla Hernandez Garavito—Interaction and Ethnic Boundaries in the Lurin valley: Yauyos and Yschmas in the archaeological record
3:00 Krzysztof Makowski—Discussant
3:15 Tom Dillehay—Discussant

[228] SYMPOSIUM EVOLUTIONARY THEORY AND ARCHAEOLOGY, PART II: APPLICATIONS OF HUMAN BEHAVIORAL ECOLOGY,
MACROEVOLUTIONARY APPROACHES, AND COSTLY SIGNALING
Room: Continental Ballroom 4
Time: 1:00 PM - 3:30 PM
Chair: LuAnn Wandsnider

Participants:
1:00  Michael Church—Renaissance Florentine Palaces, Costly Signaling, and Lineage Survival
1:15  LuAnn Wandsnider—Big House on the Prairie?: Signal Quality across Multi-ethnic Homesteading Contexts in the Central Plains (USA)
1:30  Fraser Neiman—Costly Signaling and the Dynamics of Consumption in the Early-Modern Atlantic World: The Case of Clay Tobacco Pipes
1:45  James Boone—Signaling Entitlement: The Behavioral Ecology of Conspicuous Consumption
2:00  Lisa Nagaoka—Two Archaeologies? Costly Signaling and Human Behavioral Ecology in Archaeology
2:15  Lindsay Scott, Anna Marie Prentiss and Matthew J. Walsh—Macroevolutionary Archaeology in 2015: Testing Historical and Evolutionary Hypotheses, for Example, about Arctic Migration Pulses
2:30  Michael Rosenberg—That Complex Whole: Hierarchies, Sorts, and Punctuation
2:45  Paul Roscoe—Discussant
3:00  Simon Holdaway—Discussant
3:15  Questions and Answers

[229] GENERAL SESSION, ARCHAEOLOGY IN THE SOUTHWESTERN UNITED STATES
Room: Golden Gate 4
Time: 1:00 PM - 3:30 PM
Chair: Jason Chuipka

Participants:
1:00  Jill Neitzel—Color Symbolism of U.S. Southwest Jewelry
1:15  Leonard Kemp, Cynthia Munoz, Raymond Mauldin and Robert Hard—Archaeological Implications of Vegetation Shifts in the Northern Chihuahuan Desert
1:30  Nathan Wales, Jazmin Ramos Madrigal and M. Thomas P. Gilbert—New genetic perspectives on early maize cultivation in the American Southwest
1:45  Kaitlyn Davis and Scott Ortman—Transformation in Daily Activity at Tsama Pueblo, New Mexico
<table>
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<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>2:00</td>
<td>Habiba Habiba, Jan Athenstädt and Ulrik Brandes—Social Shifts in the Late Pre-Hispanic U.S. Southwest</td>
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<td>2:15</td>
<td>Jason Chuipka—Absent or Overlooked: Addressing the Early Athapaskan Presence in the San Juan Basin of Northwest New Mexico</td>
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<td>2:30</td>
<td>David Doyel—The Earliest Known Occupations of the Globe Highlands in Central Arizona</td>
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<td>2:45</td>
<td>Spencer Lodge—Earth Oven Facilities of the Sheep Range in Southern Nevada</td>
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<td>3:00</td>
<td>Jenna Domeischel, Leland Bement and Scott Hammerstedt—Geophysical Explorations at a Reservoir Site in Southwestern Oklahoma</td>
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<td>3:15</td>
<td>Ryan Harrod—No Big Dudes Here: Bioarchaeology of Social Control at Aztec Ruins</td>
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[230] **SYMPOSIUM: THOSE DAM SITES: RECENT ARCHAEOLOGICAL RESEARCH IN THE DAKOTAS**

**Room:** Union Square 25  
**Time:** 1:00 PM - 3:45 PM  
**Chairs:** Andrew Clark and Adam Wiewel

**Participants:**

<table>
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<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<tr>
<td>1:00</td>
<td>Andrew Clark—Boots on the Ground and Planes in the Air: Assessing Damage to Archaeological Sites Caused by the 2011 Missouri River Floods</td>
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<td>1:15</td>
<td>Adam Wiewel, Autumn Cool, Christopher Fletcher, Taylor Thornton and James Zimmer-Dauphinee—Remote Sensing Investigations at Midipadi Butte (32DU2) and Nightwalker’s Butte (32ML39), North Dakota</td>
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<td>1:30</td>
<td>James Donohue—Buried Middle Archaic Period Occupations on the James River at 39BE122</td>
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<td>1:45</td>
<td>Debra Green, Damita Engel, Dante Knapp and Kimball Banks—Rocks in Our Heads: Recent Investigations in Knife River Flint Quarry Area</td>
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<td>2:00</td>
<td>Renee Boen, Jessica Bush and Heidi Sieverding—Sourcing Quartzite Projectile Points from 39FA65, The Ray Long Site, Fall River County, South Dakota</td>
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<td>2:15</td>
<td>Whitney Goodwin, Kacy L. Hollenback, Fern Swenson, Matthew T. Boulanger and Michael D. Glascock—Technological Variability in Woodland and Plains Village Period Ceramics from Central and Eastern North Dakota</td>
</tr>
<tr>
<td>2:30</td>
<td>Kacy Hollenback, Christopher Roos, Fern Swenson, Andrew Quicksall and Mary Hagen—A Tale of Two Houses: Soil</td>
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Chemical and Floor Assemblage Evidence of Domestic Activities at the Menoken Site, North Dakota

2:45 Jennifer Deats—Occupation Lengths in Middle Missouri Sites

3:00 Paul Picha and Carl Falk—Where Rivers Flow: Mandan and Hidatsa Subsistence Economies from an Archaeomalacological Perspective

3:15 Wendi Field Murray—Revisiting Like-A-Fishhook: Coalescence and Community on the Missouri River, North Dakota

3:30 Questions and Answers

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**SYMPOSIUM: ADVANCES ON THE INVESTIGATION OF CHALCHIHUITES CULTURE**

**Room:** Continental Ballroom Parlor 9  
**Time:** 1:00 PM - 3:45 PM  
**Chairs:** Cinthya Vidal and Emmanuel Gómez Ambríz

**Participants:**

1:00 Israel Andrade, José Luis Punzo and Héctor Cabadas—Spike Scraper an Approach to Lithics from Durango

1:15 Fiorella Fenoglio—La minería en la Cultura Chalchihuites.

1:30 Alfonso Grave—Llano Grande. ¿Un sitio chachihuiteño de explotación de la obsidiana?

1:45 Cindy Sandoval, José Luis Punzo and Héctor Víctor Cabadas—Petrographic Analysis of Ceramics and Construction Materials: The Dwellers of Cueva del Maguey in the Sierra Madre Occidental and the Ferreria Site of the Guadiana Valley in Durango, Mexico

2:00 Bridget Zavala and Selene Galindo Cumplido—Seeds of Memory: A Long-Term Study of Life and Plant Use in the Sextin River Valley of Durango, Mexico

2:15 Giovanni Castillejos González, Estela Martínez Mora and Daniel Valtierra Vega—Bioarchaeological Results of the Suchil River Valley Project, Zacatecas and Durango, Mexico

2:30 Miguel Vallebueno, Jose Luis Punzo Díaz, Brenda Álvarez-Sandoval, Sara Garcia and Rafael Montiel—Paleogenomic Perspectives of Archaeological Human Samples from Durango, Mexico

2:45 Cinthya Vidal—Between Life and Death. The Burial Systems at the Guadiana Valley, Durango

3:00 Guillermo Cordova—The River Suchil Valley Project, Zacatecas and Durango 10 Years of its Inception

3:15 Emmanuel Gómez Ambríz—La necesidad del ritual, el movimiento y la regeneración. Interpretaciones desde la
información arqueológica en la región chalchihuiteña

3:30 Questions and Answers

[232] SYMPOSIUM LANDSCAPE AND SOCIAL ORGANIZATION DURING THE LATE INTERMEDIATE AND LATE HORIZON PERIODS IN THE LOWER LURIN VALLEY, PERUVIAN CENTRAL COAST (Sponsored by Instituto de Estudios Peruanos)
Room: Union Square 21
Time: 1:00 PM - 3:45 PM
Chair: Enrique Lopez-Hurtado

Participants:
1:00 Camila Capriata Estrada—The Inca Occupation at Pampa de Flores: Continuity, Changes and Abandonment of Public Architecture in the Lurin Valley during the Late Horizon
1:15 Kyra Webb—The Organization of the Lower Lurin Valley during the Late Intermediate and Late Horizon Periods
1:30 Zachary Critchley—Explorations of Public Space at the Site of Panquilma
1:45 Danielle Gilbert—Expressions of Power in Public Architecture in the Lurin Valley
2:00 Alfredo Ramirez—The Comparison of Central and Peripheral Household Compounds at the Site of Panquilma, Peruvian Central Coast
2:15 Elena Christakos and Augusto Vásquez—Panquilma: Socio-Politics in Household Archaeology
2:30 Sudarsana Mohanty—Analysis of Mortuary Rituals at Panquilma
2:45 Bryan Núñez Aparcana—Ancestor Veneration in a Domestic Space in Panquilma. A Preliminary Approach Based on the Ceramic Analysis
3:00 Anna Kelleher and Sudarsana Mohanty—Analysis of In-Tact Mummy Bundles from the 2014 Field Season at Panquilma
3:15 Jo Burkholder—Discussant
3:30 Enrique Lopez-Hurtado—Discussant

[233] SYMPOSIUM EVOLUTION AND ECOLOGY IN OCEANIA
Room: Continental Parlor 1
Time: 1:00 PM - 4:00 PM
Chairs: Robert DiNapoli and Alex Morrison

Participants:
1:00 Christina Giovas, Scott Fitzpatrick, Osamu Kataoka and Meagan Clark—Prehistoric Fishing Declines at Chelechol ra Orrak,
Friday Afternoon, April 17

Palau: Resolving Issues of Anthropogenic Impacts and Long-Term Resource Sustainability
1:15 John O'Connor—Artifact Networks, Cultural Transmission, and Polynesian Settlement
1:30 Robert DiNapoli—Despotism, Cooperation, and the Evolution of Social Hierarchy in Prehistoric Hawai'i
1:45 Brian Lane—The View from Rapa: Behavioral Ecology and Fortifications in Polynesia
2:00 Terry Hunt and Carl Lipo—The Evolution of “hyper-locality” on Rapa Nui (Easter Island)
2:15 Darby Filimoehala—Agent Based Modeling (ABM) Approaches to Understanding Prehistoric Forager Ecology in Tokelau
2:30 Christopher Filimoehala, Alex Morrison and Melinda Allen—Modeling Climate Impacts and Human Predation on Marine Populations Using Prey Age Profiles: An Agent Based Model
2:45 Rebecca Hazard and John Dudgeon—Developing a Microfossil Key for Fiji from Modern Herbarium Specimens
3:00 Damion Sailors—Ring Graph Analyses of Early Communities on Rapa Nui Measuring the Distribution of Stone-lined Earth Ovens (umu)
3:15 Seth Quintus and Jeffrey Clark—Examining The Temporal Scale of Human-Environmental Relationships on Ofu Island, Manu'a Group, American Samoa
3:30 John Dudgeon, Rebecca Hazard and Amy Commendador—Further evidence for a Terrestrial-Focused Protein Diet in Prehistoric Rapa Nui
3:45 Amy Commendador, John Dudgeon and Bruce Finney—Prehistoric Diet on Rapa Nui via Stable Isotope Analyses of Bone Collagen and Carbonate

[234] SYMPOSIUM THE DYNAMISM OF CONTACT AND EXCHANGE IN EARLY CENTRAL AND EAST ASIA
Room: Continental Ballroom Parlor 7
Time: 1:00 PM - 3:45 PM
Chairs: Andrew Womack and TzeHuey Chiou-Peng

Participants:
1:00 Xinyi Liu—Why Moving Starch? Trans-Eurasian Exchange of Starchy Crops in Prehistory
1:15 Joshua Wright, William Honeychurch and Amartuvshin Chunag—Into the Distance: Initial Observations from the Dornod Mongol Survey
1:30 Yu Qi Li—Pastoral Communities Thrived in a Rocky Valley of
the Tian-Shan Mountains—New Survey Results of the Dense Pastoralist Sites in the Mohuchahan Valley of Xinjiang, China

1:45 Yan Sun—Local Communities in the Northeastern Frontier of the Central Plain during the Late Second and Early First Millennium BC

2:00 Tsuimei Huang—The Bead Strings with Jade Huang Pendants of the Zhou Period of China: Revived Tradition or Adopted Fashion

2:15 Sheri Lullo—Beauty and Adornment in Fertile Lands and Desert: Toiletries from Burials of Han China and Her Western Neighbors

2:30 Mandy Jui-man Wu—Contact and Exchange in Northern China: A Case Study on the Tomb of a Zoroastrian Priest, Kang Ye (512-571 CE)

2:45 Sören Stark—Territorial Barriers in Central Asia: Investigating the "Long Wall" of Bukhara (Uzbekistan)

3:00 Michael Frachetti—Discussant

3:15 Katheryn Linduff—Discussant

3:30 Questions and Answers

[235] Symposium: Current Practice in Digital Public & Community Archaeology

Room: Union Square 13
Time: 1:00 PM - 4:00 PM
Chair: Ethan Watrall

Participants:
1:00 Gabriel Moshenska—Digital Public Archaeology in the UK—A Review
1:15 Holly Wright and Michael Charno—Mobile App Development at the Archaeology Data Service
1:30 Ethan Watrall—MBRIA: A Platform to Build, Serve, and Manage Mobile Public Heritage Experiences
1:45 Douglas Gann—Introducing CVR, a Content Management System for Digital Archaeological Interpretation
2:00 Andrew Reinhard and Shawn Graham—Playing Pedagogy: Videogaming as Site and Vehicle for Digital Public Archaeology
2:15 Chiara Bonacchi, Andrew Bevan, Daniel Pett and Adi Keinan-Schoonbaert—MicroPasts and Research-Led Public Archaeology
2:30 Lynne Goldstein—Digital Public Archaeology Reconsidered: Lessons from Michigan State University’s Campus Archaeology Program
2:45 Carrie Heitman—Creating Communities of Collaboration
through Digital Archaeology and the Digital Humanities

3:00  Elizabeth Bollwerk, Eve Hargrave, Elizabeth Konwest and Rebecca Simon—In Progress: Updating and Redesigning the SAA’s Archaeology For the Public Webpages

3:15  Lorna-Jane Richardson—Public Archaeology in a Digital Age: An Overview of My Research

3:30  Colleen Morgan—Discussant

3:45  Questions and Answers

[236]  **Symposium: Project Archaeology Makes a Difference: The Next 25 Years**

**Room:** Plaza B

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

**Chairs:** Jeanne Moe and A. Gwynn Henderson

**Participants:**

1:00  Margaret Heath and Maureen Malloy—Project Archaeology’s Role in the Rise of Heritage Education in the United States

1:15  Courtney Agenten—National Network: The Strength of Project Archaeology

1:30  Crystal Alegria and Shane Doyle—Making History Relevant and Sustainable: Listening to Descendant Communities through Collaboration and Partnership

1:45  Rebecca Pollack and Jules McKnight—Project Archaeology in the Classroom: Aptos Middle School and the Presidio

2:00  Nancy Ely and Alyssa Scott—Archaeology and the Common Core: Bay Farm School and UC Berkeley

2:15  Eleanor King and Stephen Epstein—Where Are We Going? The Impact of Project Archaeology on the Profession, Past and Future

2:30  A. Gwynn Henderson and Linda S. Levstik—What Could Archaeology’s Impact Be On Education?

2:45  Jeanne Moe—The Times Are Changing: Project Archaeology Makes a Difference

3:00  Susan Chandler—Discussant

3:15  Larry Zimmerman—Discussant

3:30  Anne Pyburn—Discussant

[237]  **Symposium: Theorizing and Excavating Neighborhoods**

*(Sponsored by Archaeology Division of the American Anthropological Association)*

**Room:** Continental Parlor 3
Program of the 80th Annual Meeting

Friday Afternoon, April 17

Time: 1:00 PM - 4:15 PM
Chairs: David Pacifico and Lise Truex

Participants:
1:00  David Pacifico and Lise Truex—Opening and Orienting
Comments: Theorizing and Excavating Neighborhoods
1:15  Alleen Betzenhauser and Timothy Pauketat—Elements of Cahokian Neighborhoods
1:30  Anna Harkey—Walls Speak: Architectural “Neighborhoods” in Late Intermediate Period Peru
1:45  Mark Lehner—Neighborhood to National Network: Pyramid Settlements of Giza
2:00  April Kamp-Whittaker and Bonnie J. Clark—Creating a Community in Confinement: The Development of Neighborhoods in Amache, a WWII Japanese American Internment Camp
2:15  Ashley Whitten and David Chicoine—Urban Planning, Neighborhoods, and the Organization of Residential Space at the Early Horizon Center of Caylán, Coastal Ancash, Peru
2:30  Santiago Juarez—The Preclassic Maya Site of Noh K’uh: A Network of Communities
2:45  Edward Swenson—Rethinking the Urban Microcosm in the Ancient Andes: The Extended Neighborhoods of the North Coast of Peru
3:00  Juliana Novic—Neighborhood Organizational and Interactional Variation in Comparative Perspective
3:15  Ricardo Antorcha Pedemonte, Lane F. Fargher and Richard E. Blanton—Intermediate Scale Socio-Spatial Units, Collective Action, and the State in Cross-Cultural Perspective
3:30  Elizabeth Stone—Discussant
3:45  Steven Wernke—Discussant
4:00  Questions and Answers

SYMPOSIUM: CROSS-CULTURAL ENCOUNTERS/ENTANGLEMENTS IN ISLAND SOUTHEAST ASIA AND THE WESTERN PACIFIC
Room: Continental Ballroom Parlor 8
Time: 1:00 PM - 4:15 PM
Chair: Stephen Acabado

Participants:
1:00  Sandy De Leon—Investigating Social Practices, Community and Interaction in the Philippine Islands during the Metal Age
1:15  Grace Barretto-Tesoro—Evidence of Precolonial Cosmology from the Philippines

1:45 Ellen Hsieh—Early Spanish Colonialism in Manila: A Historical Archaeology Viewpoint

2:00 John Peterson—Islamic Trade and Entrepots in the Second Millennium Philippines Archipelago

2:15 Mary Jane Louise Bolunia, Rey Santiago and Alfredo Orogo—Early Maritime Involvement of Butuan with Other Southeast Asian Polities and China

2:30 Jared Koller and Kaoru Ueda—In Search of Southeast Asia’s trade network: Comparative Ceramic Analysis

2:45 Scott Fitzpatrick, Jessica Stone, Justin Tackney, John Krigbaum and Greg Nelson—Prehistoric Mobility and Population Movements in Palau: New Data from aDNA and Stable Isotope (Sr, Pb) Analysis

3:00 Mikhail Echavarri and Stephen Acabado—Ending the Antiquity Debates: The “Short History” Model of the Ifugao Rice Terraces, Philippines

3:15 Wolfgang Alders and Jared Koller—Rice Terraces as Defensive Structures: Landscape Modeling in Hapao, Ifugao

3:30 Madeleine Yakal and Jacy Moore—Global Connections: Beads and the Interaction Network of the Ifugao, Cordillera, Philippines

3:45 Adam Lauer and Alexandra McDougle—Infant Health and Burial Practices in Late Prehistoric and Contact Period Kiyyangan, Ifugao

4:00 Questions and Answers

[239] Symposium: Fire and Humans in Resilient Ecosystems in the American Southwest

Room: Franciscan CD
Time: 1:00 PM - 4:30 PM
Chairs: Christopher Roos and Matt Liebmann

Participants:
1:00 Thomas Swetnam and Joshua Farella—Fire, Forests, Climate and People in the Jemez Mountains: A 500-Year, Landscape-Scale Perspective

1:15 T. J. Ferguson, John Welch, Benrita Burnette and Stewart Koyiyumptewa—Fire Adds Richness to the Land: Ethnographic Research for the FHiRE Project

1:30 Adam Stack, Sarah Martini and Matt Liebmann—Using Surface Archaeology to Estimate Ancestral Jemez Population Dynamics,
AD 1300–1700

1:45 Jonathan Van Hoose and Connie Constan—Time and Technology at Kwastiyukwa, a Large Classic-Period Pueblo in the Jemez Mountains, New Mexico

2:00 Christopher Roos, Michael Aiuvalasit, Jenna Battillo, Chris Kiahtipes and Thomas Swetnam—Multi-Millennial Fire Histories from Sedimentary Archives: Human and Climate Impacts

2:15 Rachel Loehman, Christopher Roos and Thomas Swetnam—Modeling Ecological Resilience and Human-Environment Interactions in Engineered Landscapes of the Prehistoric American Southwest

2:30 Questions and Answers

2:45 Anastasia Steffen and Rachel Loehman—ArcBurn: Measuring Fire Vulnerability in Southwestern Landscapes

3:00 Dana Drake Rosenstein and Christopher I. Roos—Luminescence Dating of Surface Ceramics from Naturally Burned Archaeological Contexts

3:15 Joshua Farella, Thomas Swetnam and Mathew Liebmann—Forests, Fires and People: Reconstructing Human-Natural Interactions on the Jemez Plateau, New Mexico with Tree Rings

3:30 Michael Aiuvalasit—Through Fire and Water: The Vulnerability and Resilience of Highland Ancestral Puebloan Communities to Prehistoric Droughts in the Jemez Mountains, New Mexico

3:45 Barry Price Steinbrecher and Paul Tosa—Jemez Oral Traditions and Ancestral Landscapes

4:00 John Welch, Paul Tosa, Francis Vigil and Rachael Loehman—Toward a Sovereignty-Driven Paradigm for Transdisciplinary Research on Social-Ecological Systems

4:15 Ronald Towner—Discussant

[240] SYMPOSIUM THE PRACTICES OF DEATH: THE ARCHAEOLOGY OF MORTUARY RITUAL IN ANCIENT EGYPT AND SUDAN
Room: Golden Gate 1
Time: 1:00 PM - 4:30 PM
Chairs: Jessica Kaiser, Elizabeth Minor and Lissette Jimenez

Participants:
1:00 Anne Austin—Fragmented Bodies and Splintered Coffins: What Can They Tell Us about Ancient Egyptian Mortuary Practices?
1:15 Jessica Kaiser—Where’s Your Mummy? The Business of Mummification in Late and Roman Period Egypt
1:30 Amanda Wissler—Shaping Health: An Examination of Health, Social Identity and Burial Practices in the Egyptian Predynastic
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<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tr>
<td>1:45</td>
<td>Sandra Wheeler, Lana Williams and Tosha Dupras</td>
<td>Death at Birth: Changing Mortuary Practices from the Late Ptolemaic to the Romano-Christian Period in Egypt</td>
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<td>2:00</td>
<td>Robert Yohe</td>
<td>The Human Osteology of Tell El Hibeh: Preliminary Observations</td>
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<td>2:15</td>
<td>Alicia Cunningham-Bryant</td>
<td>Living on the Edge: Syncretism, Acculturation and the Meroitic Kingdom</td>
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<td>2:30</td>
<td>Lissette Jimenez</td>
<td>Variations on an Osirian Theme: Gendered Expressions of Identity in Osiris Funerary Shrouds from Roman Egypt</td>
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<td>2:45</td>
<td>Elizabeth Minor</td>
<td>Who Wants to Live Forever? The Practice of Mass Human Sacrifice during Early State Formation in the Nubian Classic Kerma Period</td>
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<td>3:00</td>
<td>Carol Redmount</td>
<td>Mortuary Practices through Time at El Hibeh, Egypt</td>
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<td>3:15</td>
<td>Deanna Kiser-Go</td>
<td>A Tale of Two Tombs: The Relationship between Khonsu's Funerary Monument and that of Userhat</td>
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<td>3:30</td>
<td>Rita Lucarelli</td>
<td>The Ancient Egyptian Book of the Dead on Coffins: Ritual Protection and Justification of the Deceased</td>
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<td>3:45</td>
<td>Christopher Sevara and Brenda Baker</td>
<td>Death from Above: Using Remote Sensing Data to Examine Mortuary Landscapes along the Nile 4th Cataract</td>
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<td>4:00</td>
<td>Brenda Baker</td>
<td>Death on the Middle Nile: Mortuary Traditions and Identity at the Top of the Great Bend</td>
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<td>4:15</td>
<td>Questions and Answers</td>
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[241] **Symposium: New Perspectives on the Archaeology of Technological Change**

**Room:** Union Square 14  
**Time:** 1:00 PM - 4:15 PM  
**Chair:** Nathaniel Erb-Satullo

**Participants:**

1:00 Michael Schiffer—Social Processes and Technological Change
1:15 Pamela Vandiver—Reverse Engineering Ancient Pyrotechnologies
1:30 Carrie Brezine—Bodies of Technology: Dress in Colonial Peru
1:45 Bastien Varoutsikos—Lithic Technology Transfer and the Mesolithic-Neolithic Transition in the South Caucasus
2:00 Peter Bray—Beyond Provenance: Using the Chemical Composition of Copper-Alloys to Explore Technology and Metal Flow
2:15 David Anthony and Dorcas Brown—Horseback Riding and the
Unintended Consequences of Innovation
2:30 Heather Miller—Invented, Adopted, Shared, Acquired, Inspired?
Technological Change and the Talc-Faience Complexes of the
Indus Valley Tradition
2:45 James Neely—Large-Scale Prehistoric Water Management
Projects by Small Cooperating Corporate Groups in Mexico and
Arizona
3:00 Matthew Howland, Brady Liss, Craig Smitheram, Mohammad
Najjar and Thomas E. Levy—Investigating the Social Dynamics
of Iron Age Copper Production: Preliminary Results from New
Excavations at Khirbat al-Jariya, Jordan
3:15 Nathaniel Erb-Satullo—Applying Innovation Diffusion Theory to
Archaeology: a Case Study on the Rise of Iron Technology in
Western Asia
3:30 Bryan Pfaffenberger—Discussant
3:45 Steven Kuhn—Discussant
4:00 Questions and Answers

[242] SYMPOSIUM THE DIMENSIONS OF RITUALITY 2000 YEARS AGO AND
TODAY
Room: Plaza A
Time: 1:00 PM - 4:45 PM
Chairs: Christa Schieber de Lavarreda and Miguel Orrego
Corzo
Participants:
1:00 Christa Schieber de Lavarreda—The Universe of Ritual
Manifestations at Tak’alik Ab’aj
1:15 Marisa Vázquez De Ágredos Pascual, Christa Schieber de
Lavarreda, Cristina Vidal Lorenzo and Patricia Horcajada
Campos—las Fragancias Rituales del Preclásico en Tak’alik
Ab’aj
1:30 Violeta Vazquez Campa—The Roles of the Figurines of Oaxaca
1:45 Marion Popenoë Hatch and Matilde Ivic de Monterroso—Smoke
Signals: Interpretations
2:00 Barbara Arroyo—Ritual Practices at the Middle Preclassic Site
of Naranjo, Guatemala
2:15 Didierd Boremans—Religious Rites of the Lacandon
2:30 Lynneth Lowe—La tradición de los incensarios en el centro de
Chiapas
2:45 Isaac Barrientos, Salazar Daniel and Sion Julien—Los Recintos
Funerarios y la Veneración de los Antepasados en los Espacios
Habitacionales del Grupo B de Naachtun, Guatemala
Friday Afternoon, April 17

3:00  Cristina Lorenzo and Gaspar Muñoz—Material Manifestation of Ritual Survival after Abandonment

3:15  Matthias Stöckli—Dance and Music in Maya Rituals: The Case of Tecum

3:30  Sergio Romero—“Just the Leftovers!” Pre-Christian Ritual in Highland Maya Colonial Documents

3:45  Arlene Colman—La Venta’s Offering 4: Representation of Olmec Ritual Practices

4:00  Miguel Orrego Corzo and Heber Delfino Torres Estrada—Current Ritual Materiality at Tak’alik Ab’aj

4:15  Oswaldo Chinchilla—Discussant

4:30  Tomás Pérez Suarez—Discussant

[243]  SYMPOSIUM THE GEOARCHAEOLOGY OF SUBMERGED, INTERTIDAL, AND WETLAND PLACES: ADVANCES IN METHOD AND THEORY OF PREHISTORIC ARCHAEOLOGY UNDERWATER 2015 -- PART 2

Room: Continental Ballroom 6

Time: 1:00 PM - 4:45 PM

Chair: Peter Leach

Participants:

1:00  Grady Caulk, Daniel Hughes and Wendy Weaver—Locating and Identifying Submerged Prehistoric Sites as Part of CRM

1:15  Alice Kelley, Joseph Kelley and Daniel Belknap—A Predictive Model for Submerged Prehistoric Sites, Northern New England and Canadian Maritimes

1:30  David Robinson, Doug Harris and John King—Identifying Submerged Paleocultural Landscapes: A Collaborative Archaeological Approach

1:45  Darrin Lowery—Geoarchaeological Proxies of Late Holocene Sea Level Rise: Marine Transgression and the Archaeological Record of the Delmarva Peninsula

2:00  Neil Puckett—Underwater Geoarchaeology of Perennial Lakes in the Great Basin

2:15  Michael Faught and Michael Arbuthnot—Spring Surprise: The Lessons Learned and Unexpected Results of the Chassahowitzka Headsprings Archaeological Assessment and Monitoring Project

2:30  Isabel Cartajena, Valentina Flores, Cristina Ortega, Diego Carabias and Renato Simonetti—Geoarchaeological Approaches: Assessing the Formation and Preservation of a Late Pleistocene Drowned Terrestrial Site on the Pacific Coast of South America (Chile)
2:45 Valerie Feathers, Heather McKillop and E. Cory Sills—
Excavation of an Inundated Shell Midden: Methods and
Preliminary Findings at a Classic Maya Saltwork
3:00 Morgan Smith—A Geoarchaeological Review of the Guest
Mammoth Kill Site (8MR130) in the Silver River, Florida
3:15 Rachel Watson and Heather McKillop—In Too Deep:
Excavations of a Partially Inundated Ancient Maya Salt Works at
Wiz Naab, Paynes Creek National Park, Belize
3:30 Peter Leach—The Suitability of Ground-Penetrating Radar for
Mapping Sub-Marsh Paleogeography and Implications for
Large-Scale Archaeological Surveys of Wetlands and Marshes
3:45 Michael Faught—Discussant
4:00 Peter Leach—Discussant
4:15 Jonathan Benjamin—Discussant
4:30 Questions and Answers

[244] SYMPOSIUM LOWLAND MAYA TERRITORIES: LOCAL DYNAMICS IN
REGIONAL LANDSCAPES
Room: Continental Ballroom 5
Time: 1:00 PM - 5:00 PM
Chairs: Lisa LeCount and David Mixter
Participants:
1:00 Lisa LeCount and David W. Mixter—Between Earth and Sky:
The Social and Political Construction of Ancient Lowland Maya
Territories
1:15 James Doyle—Preclassic Maya Territories and Boundaries
1:30 Marieka Brouwer Burg, Eleanor Harrison-Buck and Astrid
Runggaldier—Preclassic Roots of Well-Trodden Routes in the
Central Maya Lowlands of Belize
1:45 Jeffrey Dobereiner—Incorporation and Independence in the
Preclassic Western Maya Lowlands: Integrating Local and
Regional Traditions at Rancho Búfalo, Chiapas, Mexico
2:00 Jonathan Pagliaro and Travis Stanton—Shifting Allegiances at
Yaxuna during the Early to Late Classic: Territory and the Loss
of Independent Rule
2:15 Antonia Foias and Kitty Emery—The Land of the Windy Water
Lords: Secondary Centers in the Motul de San Jose Polity,
Guatemala
2:30 James Fitzsimmons—Territorial Boundaries and the
Northwestern Peten: The View from Jaguar Hill
2:45 Mary Jane Acuña—El Tintal in the Late Classic and Territorial
Implications
3:00 Thomas Garrison and Brett Houk—Crossing Ancient and Modern Borders: Territoriality in the Three Rivers Region
3:15 Julie Hoggarth, Jaime Awe, Richard George, Rafael Guerra and Claire Ebert—Territorial Organization in the Upper Belize River Valley: Multi-Scalar Settlement Patterns at Baking Pot
3:30 Andrew Vaughan, Dan Leonard and Jeffrey Glover—A Multiproxy Investigation of Maya Socio-Political Territories: A Case Study from the Yalahau Region, Northern Quintana Roo, Mexico
3:45 Jerald Ek—Not That Stable, Not That Durable, But Very Dynamic: Political Geography and Geopolitical Dynamics in the Río Champañón Drainage, Campeche, Mexico
4:00 Maxine Oland and Debra Walker—With Turkeys on Spears and Maize on Arrows: Defining and Defending the Province of Chetumal
4:15 Alexandre Tokovinine—Holy Lords and Holy Lands: Territory in Classic Maya Inscriptions
4:30 Marcello Canuto—Discussant
4:45 Marilyn Masson—Discussant

[245] SYMPOSIUM MOVING FORWARD IN CASAS GRANDES ARCHAEOLOGY
Room: Yosemite A
Time: 1:00 PM - 5:00 PM
Chair: Kyle Waller

Participants:
1:00 Gordon Rakita and Michele Pierson—Plainware Ceramics from the Surface of the 76 Draw Site, Luna County, New Mexico
1:15 John Topi and Philip Leflar—Geometric Morphometric Approaches to Casas Grandes Ceramic Specialization
1:30 Emma Britton—Results of Petrographic Analysis of Polychromes Across the Casas Grandes World
1:45 Jeremy Loven—Ritual Use of Fauna in the Casas Grandes Region
2:00 Elizabeth Peterson—Changing Life Styles: New Lithic Finding from Small Sites in Casas Grades, Chihuahua Mexico
2:15 Elizabeth McCarthy—Bunny Or Bison: A Comparative Study of Faunal Material in the Casas Grandes World
2:30 Andrew Krug, Kyle Waller and Christine VanPool—There and Back Again: A Geochemical Analysis of Casas Grandes Shell Procurement and Exchange
2:45 Thatcher Rogers—Paquimé and Diablo Phases at Paquimé: An
Examination of Architectural Validity of Phase Declarations
Questions and Answers
Caryn Tegtmeyer, Debra Martin and Kyle Waller—Exploring the Effects of Endemic Warfare and Violence on Women and Children at Casas Grandes
Kyle Waller and Gordon Rakita—New Perspectives on Casas Grandes Mortuary Practices:
Anna Osterholtz and Kyle Waller—Comparative Approaches to Casas Grandes Taphonomy and Violence
Fabiola Silva and Jane H. Kelley—The Current State of Looting, Preservation, and Education in the Casas Grandes Region
Todd Pitezel and Michael Searcy—Recent Explorations for Casas Grandes Viejo Period Settlement
Jerimy Cunningham—Power before Paquimé? Hypotheses on Political Economies in Casas Grandes
Todd Van Pool—Discussant

SYMPOSIUM CAMINOS PERDIDOS Y VÍAS OLVIDADAS: TRADE ROUTES AND EXCHANGE NETWORKS IN LATE PRE-HISPANIC CENTRAL AMERICA
Room: Golden Gate 7
Time: 1:00 PM - 5:00 PM
Chairs: Adam Benfer and Larry Steinbrenner
Participants:
Alexander Geurds—Understanding Exchange in Late Pre-Hispanic Central America. Current Thinking on Culture Areas and Ethnicity
Adam Benfer and Róger Mesén—Navigating Pre-Hispanic Central America: Discerning Aquatic Transportation Routes and Technologies
Justin Colón, Jimmy Daniels, Lana Ruck and Clifford T. Brown—Obsidian Exchange Patterns among the Coastal Plains of Northwest Nicaragua
Justin Lowry, Jason Paling and Colin Quinn—Obsidian Trade from the Perspective of Chiquilistagua, Managua, Nicaragua
Larry Steinbrenner—The Mystery of Managua Polychrome Part II
Carol Gonzalez-Velez—West Mexico, the Missing Link with South America
Geoffrey McCafferty—‘Out of Mexico’ 25 Years Later: A Reconsideration of Migration into Greater Nicoya
Roosmarie Vlaskamp—Ethnic Identities in Central Nicaragua:
Friday Afternoon, April 17

Perspectives from a Habitational Site
3:00 Natalia Donner—Asking New Questions to Central Nicaraguan Pottery

3:15 Yajaira Núñez-Cortés—Traveling and Trading in Ancient Costa Rica


3:45 Johnny Bogle—Seeking Isla Palenques's Deeper Meaning

4:00 Mikael Haller—The Quest for Gold: An Examination of Socioeconomic Exchange and Autonomy in the Parita River Valley, Panama

4:15 Charles Berrey and Scott Palumbo—Interregional Exchange and the Rise of Inequality in the Intermediate Area

4:30 John Hoopes—Discussant

4:45 Colin McEwan—Discussant

[247] Poster Session: Archaeology and Ethnohistory of the Inca

Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:
247-a Edines Pebe and Camila Capriata—Preserving a Section of the Inca Road in the Lower Lurin Valley, Peru.
247-b Beau Murphy—A Spatial Analysis of Surface Artifact Distributions at the Inka Administrative Site of Turi, Northern Chile
247-c Adrienne Bryan and Lisl Schoepflin—The Study of an Inca Huaca in a Modern Context
247-d Dennis Ogburn—Identifying Possible Inca Census Records in Khipu from Pachacamac
247-e Matthew Warren, Sergio Calla and Sonia Alconini—Breaking Down the East-West Dichotomy: Toward an Understanding of Intercultural Interactions in the Saipúrú Region under the Inkas
247-f Sofia Pacheco-Fores—Examining Ethnohistory: Cranial Modification and Social Status in Pre-Hispanic Inca Peru
247-g Virginia Mcrostie—Pre-Inka and Inka (A.D.1000–1500) Agriculture in the Atacama Puna. Evidences through Microfossils Attached to Lithic Hoes
Program of the 80th Annual Meeting  
Friday Afternoon, April 17

[248] **POSTER SESSION ■ MAYA ARCHAEOLOGY**  
**Room:** Grand Ballroom A  
**Time:** 2:00 PM - 4:00 PM  
**Participants:**

248-a Matthew Looper, Jonathan Scholnick, Yuriy Polyukhovych, Jessica Munson and Martha Macri—Patterns of Grapheme Innovation in the Classic Maya Script  
248-b Jessica Munson, Matthew Looper, Yuriy Polyukhovych, Jonathan Scholnick and Martha Macri—Dynastic Traditions and Patterns of Ritual Variation in Classic Maya Writing  
248-c Lisa Duffy and Timothy Garrett—Investigating Ancient Beverages from Cerro Maya, Belize through Chemical Residue Analysis  
248-d Leslie Cecil—Postclassic Peten Podophilia  
248-e Jillian Jordan and Keith Prufer—Late Classic Household Ceramic Production at Uxbenká, Belize  
248-f Angelina Sweeney, Robyn Dodge, Fred Valdez, Jr. and Lauren Sullivan—Sourcing the Clay: LA-ICP-MS Analysis of Ceramics from the Programme for Belize Archaeological Project, Northwestern Belize  
248-g David M. Hyde—A Problematic Deposit from a Maya Hinterland Household: Chert, Sherds and Obsidian  
248-h Kara Fulton—Shared Practices and Identities in the Northern Settlement of Actuncan, Belize  
248-i Elijah Hermitt and Kirk French—The Palenque Pool Project: Sourcing the Sand from the Main Picota Pool  
248-j Claire Ebert, Richard George, Julie Hoggarth, Rafael Guerra and Jaime Awe—Late to Terminal Classic Period Obsidian Exchange and Regional Interaction in the Belize Valley  
248-k Adam Vitale—Putting Xultun on the Map  
248-l C. L. Kieffer, Kyle Ports, Marisol Cortes-Rincon and Rissa Trachman—Analysis of Faunal Material from Sacred Spaces at Agua Lluvia and Along the Dos Hombres to Gran Cacao Archaeology Project in Northwestern Belize  
248-m Petra Cunningham-Smith and Elizabeth Graham—Invertebrate Zooarchaeology of Marco Gonzalez, Belize as One Aspect of an Investigation of Trade and Environment

[249] **POSTER SESSION ■ ARCHAEOLOGY IN MESOAMERICA**  
**Room:** Grand Ballroom A  
**Time:** 2:00 PM - 4:00 PM  
**Participants:**
Friday Afternoon, April 17

249-a Aaron Ott—Center and Satellites The Relationship of Templo Mayor to Similar temple pyramids in Central Mexico

249-b Dennis Lewarch—Artifact Distribution Patterns among Aztec Period Households in the Coatlán del Río Valley, Morelos, Mexico

249-c Juan Sereno-UrIBE and Mario Córdova Tello—Archaeological Project Amacuzac, Morelos and Guerrero Mexico.

249-d Keitlyn Alcantara, Steven A. Wernke and Lane F. Faragher— A Spatial Analysis of Proposed Egalitarian Site Organization in Postclassic Tlaxcallan

249-e Courtney Astrom and Olivia Navarro-Farr—A Study of the Role of Cannibalism in Aztec Culture

249-f Laura Heath—Pottery on the Periphery: Postclassic Ceramics from La Laguna, Tlaxcala, Mexico

249-g Mariana Navarro, Ricardo Higuelin, Verónica Pérez and Antonio Martínez—The Symbolism of Prehispanic Twins from Ñuu Savi, Mixteca Alta, Oaxaca

249-h David Walton—Lithic Production and Consumption at Tzintzuntzan, Mexico

249-i Mareike Stahlschmidt and David M Carballo—Employing Micromorphology at the Tlajinga District in Teotihuacan to Investigate Site Formation Processes and Household Activities

249-j Jeffrey Brzezinski, Arthur Joyce and Sarah Barber—Embedded Rituals: Examining Caching Practices in Public Buildings at Cerro de la Virgen, Oaxaca, Mexico

249-k Marc Levine—Ceramic Molds for Mixtec Gold: New Insights into Lost Wax-Casting Traditions of Late Postclassic Oaxaca

249-l Patricia Alonzo—Disruption or Continuity?: Iconography on Portable Objects in Classic to Epiclassic Jalisco and Zacatecas

249-m Clayton Meredith, Willa Trask and Keith Prufer—Examination of Paleoindian and Archaic subsistence in Southern Belize

249-n Anthony Tricarico—Urban Agriculture within the Valley of Oaxaca: Investigations and Implications of Agricultural Terracing at Monte Albán

249-o Chelsea Fisher—Water Management and City Founding at Yaxuná, Yucatán

249-p Jason Jones and V. Garth Norman—RTI (Reflectance Transformation Imaging) Examination of Weathered Sculpture for Accurate Delineation of Weathered Detail

[250] POSTER SESSION: ARCHAEOLOGY IN SOUTH AMERICA

Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:
250-a Kimberly Munro—The 2014 Excavations at the Early Horizon Period Ceremonial Complex of Cosma, Ancash, Peru
250-b Maria Gutierrez, Gustavo Politis, Daniel Rafuse and Thomas Stafford—New Radiocarbon Dates Confirm Late Pleistocene Human Occupation in the Pampas of Argentina at c. 12,170 14C yrs BP: Evidence from Extinct Horse at the Arroyo Seco 2 site
250-c Emily Sharp—Quantifying Defensibility of Landscapes and Sites in Highland Ancash, Peru
250-d Ema Perea, Ilana Johnson and Luis Jaime Castillo—Architectural and Functional Characterization of Sector 2 at Cerro Chepén
250-e Ana Carito Tavera Medina—The Presence of a Gallinazo Component during the Middle Moche Period In the Lower Jequetepeque Valley
250-f Elisabeth Granley, Rebecca Bria and Elizabeth Katherine Cruzado Carranza—A Lithic Analysis of Food Preparation and Resource Distribution in Recuay Ritual Feasting Contexts at Hualcayán (Ancash, Peru)
250-g Alejandra Sejas Portillo—Primary and Secondary Chiefdom Emergence: A Comparative View from the Titicaca Basin
250-h Louis Fortin and Donna Nash—From Bedrock to Biface: An Examination of Wari Lithic Technology within the Moquegua Valley of Southern Peru
250-i Brittany Mistretta—Symbols of Transformative Power: Wari Split Eye Iconography in the Middle Horizon
250-j Kathleen Huggins, Matthew Sitek and Paul Goldstein—From Trash Pile to Temple Wall: The Distribution of Formative Period Sherds in Adobe at the Omo M10A Tiwanaku Temple
250-k Nicholas Brown—Material Perspectives on Canal Ceremonialism at Chavín de Huántar
250-l Tatiana Vlemincq Mendieta—Anura in Moche Iconography
250-m Ellen Lofaro, Michael Wylde, Susan deFrance and Paul Goldstein—Research on a Dog Burial from Rio Muerto, Peru
250-n Raija Heikkila, Kaitlyn Laws and Thomas Hardy—Zooarchaeology of the Late Intermediate Period in Minaspata, Cuzco, Peru

[251] POSTER SESSION: ARCHAEOLOGY IN PATAGONIA
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Participants:
251-a Juan Belardi, Flavia Carballo Marina, Patricia Madrid, Gustavo
Barrientos and Patricia Campan—Hunting Blinds from Plateaus and Hills in Southern Patagonia (Santa Cruz, Argentina): Tactics and Beyond

251-b Amalia Nuevo Delaunay, Juan Bautista Belardi, Flavia Carballo Marina, Hernán de Angelis and Maria José Saletta—Incorporation of New Raw Materials by Hunter Gatherers in Patagonia since the XVIIth Century

251-c Flavia Morello Repetto, Fabiana Martin, Mauricio Massone, Marta Alfonso-Durruty and Manuel San Roman—Archaeology of Fueguian Islands: Tierra del Fuego, Dawson and Navarino, Human Settlement and Cultural Interaction (Patagonia, Chile)

251-d Manuel San Roman, Jimena Torres and Flavia Morello—Offering 2 Locus 2 Archaeological Site (Dawson Island, Patagonia, Chile), Marine Hunter-Gatherers and Interaction during the Late Holocene

[252] POSTER SESSION CERAMIC ANALYSIS IN SOUTH AMERICA
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:
252-a Hannah McAllister, Rebecca Bria and Elizabeth Katherine Cruzado Carranza—Reconstructing a Recuay Feasting Event at Hualcayán, Peru through Ceramic Analysis

252-b Erick Casanova Vasquez, Rebecca E. Bria and Elizabeth K. Cruzado C.—A Study of Domestic Ceramics from Hualcayán, Ancash, Peru

252-c Andrew Roddick—Chijipata Alta: Tracing A Genealogy of Potting Practice in the Lake Titicaca Basin

252-d Nuria Sugrañes and Fernando Franchetti—Distributional Studies in North Patagonia, Argentina. An Archaeological Ceramic Approach

252-e Ester Echenique—Technological Styles and Production Practices in the Río Grande de San Juan Basin (Argentinean-Bolivian Border) during the Late Intermediate Period

252-f Joseph Cronin and Rebecca E. Bria—Not Incised, but Well-Burnished: A Typology of Undecorated Early Horizon Feasting Wares from Hualcayán, Highland Ancash, Peru

[253] POSTER SESSION COMPARATIVE APPROACHES TO POSTCLASSIC MESOAMERICAN CERAMICS
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Chairs: Angela Huster and Anna Cohen

Participants:
253-a Anna Cohen and Elsa Jadot—Toward a Comparative Approach: Postclassic (AD 900–1521) Ceramics from the Pátzcuaro and Zacapu Basins, Michoacán, Mexico
253-b Angela Huster—Patterns of Postclassic Ceramic Exchange in the Toluca Valley and Surrounding Areas of Central Mexico
253-c Kea Warren—3,065 Sherd Disks and Their Potential Uses in Calixtlahuaca in the Toluca Valley
253-d Kirby Farah—Examining Elite Domestic Practices in Postclassic Xaltocan, Mexico
253-e Lisa Overholtzer—Consuming in Empire: The Materiality of Household Consumption at Postclassic and Colonial Xaltocan, Mexico
253-f Jamie Forde—Material Culture Change, Continuity, and Innovation at Postclassic and Early Colonial Achiutla, Oaxaca, Mexico

[254] SYMPOSIUM ■ INTENTIONAL DESTRUCTION OF CULTURAL HERITAGE: EVIDENCE AND RESPONSES IN SYRIA AND IRAQ
Room: Yosemite B
Time: 2:15 PM - 5:00 PM
Chairs: Brian Daniels and Katharyn Hanson

Participants:
2:15 Brian Daniels—Community Archaeology and Emergency Responses to Heritage in Crisis
2:30 Susan Wolfinbarger, Eric Ashcroft, Jonathan Drake and Katharyn Hanson—High-Resolution Satellite Imagery for Comprehensive Monitoring of Cultural Heritage in Conflict: Syria and Iraq Methodology
2:45 Katharyn Hanson—Intentional Destruction of Cultural Heritage: Evidence in Syria and Iraq
3:00 Amr Al-Azm—The Syrian Heritage Task Force and the Importance of Preserving Syria's Cultural Heritage
3:15 Salam Al Kuntar—Emergency Care Training Workshops for Syrian Museum Collections
3:30 Zaid Alrawi—New Observations of Looting at Archaeological Sites in Southern Mesopotamia
3:45 Brian Michael Lione and Jessica Johnson—Coursework in Disaster Preparedness and Emergency Response in Iraq: Meeting Immediate Training Needs at the Iraqi Institute
4:00 Richard Leventhal and Brian Daniels—Museums and the Destruction of Heritage
4:15 Corine Wegener—Smithsonian’s Role in Cultural Heritage Disasters
4:30 Patty Gerstenblith—Legal Responses to the Intentional Destruction and Looting of Cultural Sites: The Paradigm of Syria
4:45 Questions and Answers

[255] **FORUM: FEAR (FEAR AND ITS EXPRESSIONS IN THE ARCHAEOLOGICAL RECORD)**
*Room:* Union Square 2  
*Time:* 3:00 PM - 5:00 PM  
*Moderators:* Kevin Smith and Christopher Wolff

**Participants:**
- Ofer Bar-Yosef—Discussant
- Keith Eppich—Discussant
- James Flexner—Discussant
- Dorothy Lippert—Discussant
- Michelle Rich—Discussant
- Jess Robinson—Discussant
- Michele Smith—Discussant
- Cameron Wesson—Discussant

[256] **SYMPOSIUM: LOW IMPACT, HIGH RESOLUTION: ONGOING INVESTIGATIONS IN EAGLE NEST CANYON**
*Room:* Golden Gate 6  
*Time:* 3:00 PM - 5:00 PM  
*Chair:* Stephen Black

**Participants:**
- 3:00 Stephen Black—An Extraordinary Earth Oven Facility at Kelley Cave
- 3:15 Charles Koenig—Floods, Muds, and Plant Baking: ASWT Excavations at Skiles Shelter
- 3:30 Ken Lawrence, Charles Frederick, Jacob Sullivan and Christina Nielsen—Ongoing Geoarchaeological Investigations in Eagle Nest Canyon
- 3:45 Kevin Hanselka, Leslie Bush and Phil Dering—The Archaeobotany of Kelley Cave (41VV164): A Glimpse of Prehistoric Plant Use in the Lower Pecos Region of Texas
- 4:00 Charles Frederick, Mark Willis, Ken Lawrence, George R. Hermann and Jacob Sullivan—Flooding Past and Present:
Extreme Geomorphic Events in the Lower Pecos Canyonlands

4:15  Christina Nielsen—A Microstratigraphic Approach to Evaluating Site Formation Processes at Eagle Cave

4:30  Eva Panagiotakopulu—’Bugs in Eagle Cave, Lower Pecos Canyonlands, Texas’

4:45  Questions and Answers

[257]  SYMPOSIUM  ■  THE LEGACY OF THE RÍO SONORA PROJECT AND OTHER EARLY RESEARCH IN SONORA, MEXICO
Room:  Golden Gate 5  
Time:  3:00 PM - 5:00 PM  
Chairs:  Matthew Pailes and Cristina García-Moreno

Participants:
3:00  William Doolittle—In the Spirit of Sauer and Brand: Geographic Reflections on the RSV Project

3:15  Daniel Reff—Warfare, Invasion, and Ethnogenesis during the Protohistoric Period in Sonora


3:45  Patricia Hernandez Espinoza, Adriana Hinojo and Blanca Eréndira Contreras Barragán—La Cueva de la Colmena: Bioarchaeological Analysis of a Funerary Context from the Sonora—Sinaloa Project / R.A. Pailes 1967

4:00  Matthew Pailes—Pochtecas and Pilgrims: Models for Elite and Commoner Exchange in the Río Sonora

4:15  John Carpenter—The Proyecto Arqueologico Río Sahuaripa: Interaction, Integration and Cultural Dynamics in the Sonoran Serranía

4:30  Cristina García-Moreno—Batacosa, a Río Sonora or Serrana site?

4:45  Randall McGuire—Discussant

Room:  Continental Parlor 2  
Time:  3:15 PM - 5:00 PM  
Chairs:  Hannah Chazin and Haeden Stewart

Participants:
Friday Afternoon, April 17

3:30  Haeden Stewart—Crossing the Line (Part II): Taphonomies of Toxicity in Contemporary Archaeology
3:45  Amanda Logan—Excavating Slow Violence Across the Modern/Premodern Divide
4:00  John Chenoweth—Power and Nature: A Contemporary Archaeology of Yosemite National Park
4:15  Kathryn Franklin—Prosthetic Angels: Empirical Anxiety and Rationalizing Vision in Archaeology
4:30  Anthony Graesch and Timothy Hartshorn—Identity Performance and Material Culture: Exploring the Limits of Archaeological Inquiry into Social Group Identity with a Massive Assemblage of Bar-Associated Trash from Urban America
4:45  Jason De Leon—Discussant

[259] SYMPOSIUM INTERREGIONAL INTERACTION AND DYNAMIC CULTURAL PROCESS IN MESOAMERICA
Room: Golden Gate 8
Time: 3:15 PM - 5:00 PM
Chairs: Bryan Schaeffer and Joshua Englehardt
Participants:
3:15  John Justeson—Language Contact and Intergroup Interaction in Pre-Columbian Mesoamerica
3:30  Joshua Englehardt and Michael Carrasco—Formative Period Interregional Interaction and the Emergence of Mesoamerican Scripts
3:45  Bryan Schaeffer—Interaction as Movement, Movement as Interaction: The Tripod Vessel in the Maya Region
4:00  J. Gregory Smith and Charles L.F. Knight—Variation and Similarity in Obsidian Tool Styles and Technologies at the Zaragoza-Oyameles Source Area, Puebla, Mexico
4:15  Blanca Maldonado and Niklas Schulze—Metal Trade and Interregional Dynamics of the Mesoamerican Late Postclassic Period
4:30  Timothy Knab and John Pohl—Round and Round We Go: Cholula, Rotating Power Structures and Social Stability in Mesoamerica
4:45  David Small—Discussant

[260] GENERAL SESSION MODELING LANDSCAPE USE AND CULTURAL DEVELOPMENT
Room: Franciscan AB
Time: 3:15 PM - 5:00 PM  
Chair: Lucy Harrington

Participants:
3:15 Tristan Carter, Daniel Contreras, Danica Mihailovic, Theodora Moutsou and Sean Doyle—Neanderthals on Naxos? New Work at the Early Prehistoric Chert Source of Stélida
3:30 Sara Cullen—"Where the Mountains Meet the Plains": Plains-Pueblo Connections on the Park and Chaquaqua Plateaus during the Diversification Period, AD 1050–1450
3:45 Matthew Radermacher, Stephanie Day, Anne Denton, Jeffrey Clark and Donald Schwert—Pattern Recognition and Automatic Feature Extraction in GIS
4:00 Keri Fox and David Hughes—Where the Buffalo Roam and the Antelope Play: A Comparison of Soils in the Walnut River Valley of South-Central Kansas and Associated Woodland and Late Prehistoric Period Settlements Using ArcGIS
4:15 Carol Schultze—Macro-Regional Cultural Development of the Interior Columbia Plateau
4:30 Erin Hughes and Lindsay Johansson—Gunnerson Revisited: A Reconsideration of Plains Promontory Relationships
4:45 Lucy Harrington and Natalie Clark—Predicting Archaeological Site Locations in the McInnis Canyons National Conservation Area in Colorado

[261] General Session ■ Public Outreach and Education
Room: Golden Gate 2  
Time: 3:30 PM - 5:00 PM  
Chair: Anabella Coronado

Participants:
3:30 William Lees, Della Scott-Ireton and Sarah Miller—Lessons Learned Along the Way: The Florida Public Archaeology Network after 10 years
3:45 Sarah Nohe and Michael Thomin—Slippery Oysters & a Cold Beer: Incorporating Food into Archaeology Education
4:00 Elizabeth Lynch—#arrowheads: Instagram as a Creative, Social Media-Based Approach to Public Archaeology
4:15 Anne Griffith—Archaeology Field School at a Community College: An Outreach Opportunity
4:30 Dante Angelo—Not All Archaeology for the Public is Public Archaeology
4:45 Anabella Coronado and Adriana Linares—Arqueología Comunitaria en la Región Ixil de Guatemala
[262] **Symposium: Recent Archaeological Research in the Upper Gila**  
**Room:** Golden Gate 3  
**Time:** 3:45 PM - 5:00 PM  
**Chairs:** Lori Barkwill Love and Robert Hard  

**Participants:**  
3:45 John Roney, Robert J. Hard, A.C. MacWilliams and Mary E. Whisenhunt—Recent Test Excavations at an Early Agricultural Period Cerro de Trincheras Site on the Upper Gila River, Arizona  
4:00 Lori Barkwill Love—Early Pithouse Period Ceramics in the Upper Gila: A Look from Winn Canyon  
4:15 Jakob Sedig—Reevaluating Mimbres Late Pithouse to Classic Period Transformations of the Upper Gila  
4:30 Katherine Dungan—Venturing into the Borderland: Revisiting the 13th-Century Occupation of the Upper Gila  
4:45 William Doelle, Karen Schollmeyer and Jeffery Clark—Salado in the Upper Gila

[263] **General Session: Studies of Maya Settlements and Public Architecture**  
**Room:** Union Square 1  
**Time:** 3:45 PM - 5:00 PM  
**Chair:** Amy Thompson  

**Participants:**  
3:45 Joanne Baron, Liliana Padilla and Christopher Martinez—La Florida/Namaan: a Classic Maya River Port  
4:00 Tomás Gallareta Cervera, George J. Bey III and Rossana May Ciau—Dissecting the Heart of a Puuc Royal Court: A Diachronic Analysis of Structure N1065E1025 and Associated Deposits at Kiuic, Yucatán  
4:15 Krystle Kelley—Establishing the Acropolis: Two Seasons of Excavation at Chan Chich  
4:30 Amy Thompson—A Comparative Analysis of Settlement, Environment, and the Social Landscape at the Ancient Maya Centers of Uxbenká and Ix Kuku'il, Toledo District, Belize  
4:45 Ryan Collins—At Yaxuna X Marks the Spot: Centering across in a Middle Formative Maya Landscape

[264] **General Session: Molecular Analysis in Bioarchaeology**  
**Room:** Golden Gate 4
Program of the 80th Annual Meeting

Friday Afternoon, April 17

Time: 3:45 PM - 5:00 PM
Chair: Meradeth Snow

Participants:
3:45 Leslie Brown—Isotopic examination of human remains associated with the Korell-Bordeaux site (48GO54), Goshen County, Wyoming: δ13C and δ18O from Bone and Enamel Apatite
4:00 Abigail Bouwman, Giada Ferrari and Frank Rühli—How to Use DNA Analysis to Assess Health in the Past. Applications for New World Soft-Tissues
4:15 Qiaomei Fu—The Complete Genome Sequence of a 45,000-Year-Old Modern Human from Eurasia
4:30 Meradeth Snow, Kathleen Hauther and Ashley McKeown—Ancient DNA and Cranial Morphometric Analysis into Ancestry of Five Burials from Colonial Delaware
4:45 Sloan Williams, Lindsey Proctor, Chapurukha Kusimba, Janet Monge and Alan Morris—Decoding the Swahili: Ancient DNA Studies on the Kenyan Coast

[265] GENERAL SESSION • HISTORIC CEMETERIES IN THE UNITED STATES
Room: Continental Ballroom Parlor 9
Time: 4:00 PM - 5:00 PM
Chair: Jillian Okray

Participants:
4:00 Jacquelyn Bluma—A Closer Look at Immigrant Life Expectancies from German Cemeteries in Southeastern Wisconsin
4:15 Jillian Okray, Ashley Christianson and Susan Spencer—Don’t Forget Me When I’m Gone: Examining Relationships between the Living and the Dead through Decorated Headstones
4:30 Amanda Murphy—Publishing the Perished: Uniform Collection Standards and the Future of Cemetery Excavations in the United States
4:45 Rolando Silva—Remote Sensing as a Method of Promoting Group Identity: Rediscovering Edinburg’s African-American Cemetery

[266] GENERAL SESSION • SACRED LANDSCAPES AND RITUAL SPACES AMONG THE ANCIENT MAYA
Room: Union Square 25
Time: 4:00 PM - 5:00 PM
Chair: Melissa Burham

Participants:
Friday Afternoon, April 17

4:00  Kirk French—In and Out: Initial Investigations from the Palenque Pool Project
4:15  Caitlin Earley—Art and the Ancestors: Sculpture from the Cave Complex at Quen Santo, Guatemala
4:30  Kyle Ports, C.L. Kieffer, Marisol Cortes-Rincon and Rissa Trachman—Small Sacred Spaces: The Results of Investigations into Subterranean Features at N950 and Grupo Agua Lluvia in northwest Belize
4:45  Melissa Burham—Out with The Old and In with The New: The Termination and Reoccupation of Outlying Temples at Ceibal, Guatemala

[267]  GENERAL SESSION THE LOOTING OF ARCHAEOLOGICAL SITES
Room: Union Square 13
Time: 4:15 PM - 5:00 PM
Chair: L. Meghan Dennis

Participants:
4:15  L. Meghan Dennis—Representations of Looting and Bad Practices as Entertainment
4:30  Jennifer Lavris Makovics—A Perfect Pothunting Day—An Examination of Vandalism to the Cultural Resources of Canyon de Chelly National Monument
4:45  Katharine Fernstrom—The Object is the Thing: Developing a Framework for Understanding the Culture of Looting
Room: Golden Gate 6
Time: 8:00 AM - 9:30 AM
Chair: Pierre Morenon

Participants:
8:00 Pierre Morenon—Think Small: What Charcoal Fragments and Tiny Sites Teach Us about Indigenous Land Modifications and Farming Around Narragansett Bay, Rhode Island
8:15 Marie-Annick Prevost—Late Archaic Plant Remains from the Québec City Area (Canada)
8:30 Michael Deal—Site Formation and Paleoenvironmental Reconstruction at a Terminal Archaic/Woodland Period Site in Central Nova Scotia, Canada.
8:45 Jessica Herlich—Algonquian Coastal Gardens and Landscape: Interpretations from Archaeobotany
9:00 GeorgeAnn DeAntoni, Peter Nelson and Rob Cuthrell—Charcoal Identification as Means of Central California Landscape Reconstruction
9:15 Kathleen Forste and Mac Marston—Paleoethnobotanical Investigations of the Economy of Islamic Ashkelon

[269] Symposium: Queering the Field: Archaeologies of Sexuality, Gender, and Beyond
(Sponsored by Queer Archaeology Interest Group)
Room: Golden Gate 7
Time: 8:00 AM - 9:45 AM
Chairs: Chelsea Blackmore and Megan Springate

Participants:
8:00 Jo Burkholder—Teaching on the Down-Low: Presenting Queer Theory to a Broad Audience
8:15 Casey Campetti—Out in the Field? Queer Archaeologists, Queer Archaeology, and CRM
8:30 Dawn Rutecki—Ambiguous Iconography: Queering the Shell Game
8:45 Chelsea Blackmore—Queer and Complex: Everyday Life and Politics in Mesoamerican Prehistory
9:00 Joel Lennen and Jamie Arjona—Queering Historical Worlds: Disorienting Materialities in Archaeology
9:15 Megan Springate—Criterion Q: Archaeology, Context, and the
National Park Service’s LGBTQ Heritage Initiative

9:30  Barbara Voss—Discussant

[270]  **FORUM: THE ENGAGED CLASSROOM, CONTINUED: SELECTING TEACHING MATERIALS FOR ARCHAEOLOGY COURSES (Sponsored by Public Education Committee)**

*Room:* Union Square 2  
*Time:* 8:00 AM - 10:00 AM  
*Moderators:* Heidi Bauer-Clapp and Katie Kirakosian

**Participants:**
Katie Kirakosian—Discussant  
Nan Gonlin—Discussant  
Christine Dixon—Discussant  
Larkin Hood—Discussant  
Heidi Bauer-Clapp—Discussant

[271]  **FORUM: ISSUES AND DIRECTIONS IN STARCH GRAIN RESEARCH**

*Room:* Union Square 25  
*Time:* 8:00 AM - 10:00 AM  
*Moderator:* Thomas Hart

**Participants:**
Sonia Zarrillo—Discussant  
Sheahan Bestel—Discussant  
Li Liu—Discussant  
Ruth Dickau—Discussant  
Judith Field—Discussant  
Neil Duncan—Discussant

[272]  **POSTER SESSION: THE ARCHAEOLOGY OF SUBSISTENCE STRATEGIES IN THE SOUTHWESTERN UNITED STATES**

*Room:* Grand Ballroom A  
*Time:* 8:00 AM - 10:00 AM

**Participants:**
272-a  Mark Brodbeck and Deil Lundin—Pueblo I/Pueblo II Subsistence Strategy in Klethla Valley: A View from a Resource Processing/Storage Site along Begashibito Wash

272-b  Casey Riggs and Suzanne Eckert—Plants in a Day: A Cost Distance Analysis of Single Day Distance to Floral Resources of the Ancestral Puebloans at Goat Springs Pueblo (LA 285)

272-c  Cynthia Fadem—Farming the Great Sage Plain: Mesa Verde
Loess, Soils, and Agriculture

272-d Andrew Brown, Lisa Nagaoka, Feifei Pan and Steve Wolverton—Modeling Soil Moisture of Farmland near Mesa Verde Villages at Goodman Point, Southwestern Colorado

272-e Patricia Byers—Using the Anasazi Origins Project Faunal Remains to Determine Archaic Subsistence Patterns

[273] POSTER SESSION • PREHISTORIC ARCHAEOLOGY IN THE SOUTHWESTERN UNITED STATES

Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:

273-a Sunnie Sartin, Winona Patterson, Kristen Corl, Todd Scarbrough and Angel Pena—Twin Pines: Looking Beyond Mimbres Valley

273-b Evan Giomi—Hard Choices Along the Rio Grande: Piro Trade Networks and Decision-Making during the 1680 Pueblo Revolt

273-c Christopher Schwartz, Hannah Zanotto, Ben Nelson and David Abbott—Intersite Difference in Distant Interactions, Hohokam Canal System 2, Phoenix Basin, Arizona

273-d Adam Watson, Samantha Fladd, Katelyn Bishop, Megan Conger and Sara Morrow—In the Footsteps of Frank H.H. Roberts: Continued Explorations at Roberts Great House, Chaco Canyon, New Mexico

273-e Rachael Byrd and Alice Garcia—Illuminating Identity with Mortuary Features at Slade Ruin (AZ Q:15:1 [ASM]), a Pueblo Ill Site in East-Central Arizona

273-f Todd Scarbrough, Kristin Corl, Dylan Clark and Sunnie Sartin—Burning as Ritual in the Jornada Mogollon

273-g Erin Baxter—Aztec Ruins, 2.0

273-h Rebecca Harkness—Social Diversity and Public Interaction Space in Classic and Postclassic Mimbres

273-i Meaghan Kincaid, Ryan Harrod and Aaron Woods—Cut Marks and Fragments: Piecing Together Possible Explanations for Variation of Processed Human Remains amongst Neighboring Villages in Pre-Contact Southwest

273-j Andrew Fernandez, Lauren Klein, Donald Millar and Alexia De Loera—Mugs of the Mesa and Old Chocolate: Evidence of Prehistoric Cacao Use in the Mesa Verde Region of the North American Southwest

273-k Christopher Turnbow—Projectile Point Temporal Trends during the Mimbres Georgetown Phase
Saturday Morning, April 18

273-l Anna Schneider—A Preliminary Analysis of Chipped and Ground Stone Artifacts from Garden Canyon Village
273-m Sharlot Hart—When Do You Stop and Why? Site Boundary Definitions at University Indian Ruin, Pima County, Arizona
273-n Sarah Herr and A.E. Rogge—Pithouses and Placemaking on the Southern Colorado Plateau
273-o David Lewandowski—Shifting North: Social Network Analysis and the Pithouse-to-Pueblo Transition in the Mogollon Highlands
273-p Lauren OBrien and Jennie O. Sturm—Exploring Pithouses: Using GPR to Identify and Map Taos, NM Sites

[274] POSTER SESSION: CERAMIC ANALYSIS FROM SITES IN THE SOUTHWESTERN UNITED STATES
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM

Participants:
274-a Ashton Satterlee and Andrew Duff—Further Analysis on Vessel Size and Feasting in Three Chacoan Great House Communities
274-b Elizabeth Newcomb—Relations in the Zuni Region: A Comparative Study of Ceramics
274-c Matthew Taliaferro, Bernard Schriever, Jeff Speakman and Elizabeth Toney—Exploring Technological Organization through Time: Mimbres Pottery Production
274-d Michael Pool—A Chronological and Functional Analysis of Pottery from the HO-Bar Site: A Mogollon Early Pithouse Period Site in West-Central New Mexico
274-e Shannon Horton and Karen Harry—Utilizing Corrugated Wares to Explore Regional Variations in the Virgin Branch Puebloan Culture
274-f Lydia Pittman—A Study of Miniature Pottery Vessels in the Mimbres Region
274-g James Allison and Jeffrey Ferguson—Neutron Activation Analysis of San Juan Red Ware Pottery
274-h Victoria Sluka, Chase M. Anderson, Donna M. Glowacki and Edward J. Stech—Reducing Human Error and Identifying Unknowns: X-Ray Fluorescence as a Tool for Identifying Paint Composition of Mesa Black-on-White Pottery
274-i Hunter Burgess and Judith Habicht-Mauche—Connecting Tijeras Pueblo: Identifying Utility Ware Communities of Practice
[275] **POSTER SESSION PREHISTORIC ARCHAEOLOGY IN THE SOUTHEASTERN UNITED STATES**  
**Room:** Grand Ballroom A  
**Time:** 8:00 AM - 10:00 AM  

**Participants:**  
275-a Clare Conner—The Hoecake Site: Marking the Woodland-Mississippian Transition in Southeast Missouri  
275-b Katherine Wilson—Examining the Ceramic Assemblage from Washington Mounds: An Early to Middle Caddo Site in Southwestern Arkansas  
275-c Keith Stephenson and Karen Smith—A Chronology of Complicated Stamping in the Lower Savannah River Valley  
275-d Christina Sampson—Lines and Legacies: Ceramic Assemblages from the Weeden Island Site (8PI1)  
275-e Eric Jones, Pierce Wright and Peter Ellis—Examining the Non-Mississippian Southeast: A Comparison of the Intrastate Arrangement of Piedmont Village Tradition Settlements, AD 1200–1600  
275-f Charlotte Pevny, William Barse and R. Christopher Goodwin—Late Pleistocene–Early Holocene Stratigraphic “Marker Horizons” in North Florida  
275-g Thaddeus Bissett and Martin Walker—Examining the Influence of Middle and Late Holocene Shorelines and Tidal Zones on Shell Ring Locations along the Lower Southeastern Coasts  
275-h Corey Frasca, Michael Carlson, Carlton Gover and Cliff Boyd—A Comparison of Lithic and Ceramic Artifacts from Two Adjacent Late Woodland Villages  
275-i Karla Oesch—A Stylistic Analysis of Protohistoric Polychrome Ceramics from the Lower Mississippi Valley

[276] **POSTER SESSION STONES, BONES, AND CACAO IN THE PREHISTORIC SOUTHWESTERN UNITED STATES**  
**Room:** Grand Ballroom A  
**Time:** 8:00 AM - 10:00 AM  

**Participants:**  
276-a Patricia Crown—Possible Images of Theobroma Cacao in the Prehispanic American Southwest  
276-b Ralph Burrillo, Michael Lewis and Joan Coltrain—Oxygen Isotope Variability in Water Sources on the Colorado Plateau: Preliminaries to Stable Isotope Models of Prehistoric Irrigation  
276-c Barbara Roth, Aaron Woods and Forrest Jarvi—Lithic Technology and Households at the Harris Site, Southwestern
New Mexico

276-d Joseph Beaver and Rebecca Dean—Macroscale Analysis of Faunal Remains in the Hohokam Area of Southern Arizona: Preliminary Results

276-e Melissa Eiring, Sarah Wigley, Cynthia Munoz and Raymond Mauldin—10,000 Years of Stone Tool Use by Hunter-Gatherers in Central Texas

276-f Alison Livesay—Inscribed Places: Examining Rock Art Sites on the Pajarito Plateau

276-g David Holtkamp, Sandi Copeland, Alan Madsen, LeAnn Purtzer and Jennifer Payne—Ancestral Pueblo Site Distribution Data from Los Alamos National Laboratory on the Pajarito Plateau

[277] Poster Session: Pueblos at the Passageway: A Reassessment of Burial Collections from Nuvakwewtaqa, Chavez Pass, Arizona
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM
Chairs: Christopher Caseldine and Arleyn Simon

Participants:
277-a Christopher Caseldine—Plain and Interesting: An Evaluation and Redefining of Non-Decorated Pottery from Nuvakwewtaqa, Chavez Pass, Central Arizona

277-b Donna Ruiz Y Costello and Sarah Striker—Color and Technology: A Legacy of Painted Burial Objects at Nuvakwewtaqa (Chavez Pass, Northern Arizona)

277-c Peter Pilles and Kimberly Spurr—The Sinagua and the Western Pueblo Tradition: Perspectives from Material Culture and Burial Practices

277-d Kimberly Spurr and Peter J. Pilles—The Sinagua and the Western Pueblo Tradition: Perspectives from Bioarchaeology

277-e Nathan Wilson—Data Recording Strategies for Nuvakwewtaqa Repatriation

277-f Arleyn Simon and Darsita North—Past, Present, and Future of Archaeological Legacies: Reassessing the Chavez Pass Burial Collections for NAGPRA Repatriation

[278] Poster Session: New Perspectives on Salado
Room: Grand Ballroom A
Time: 8:00 AM - 10:00 AM
Chairs: Karen Schollmeyer and Jeffery Clark
Participants:
278-a Jeffery Clark and William Doelle—Twenty Years of Studying the Salado
278-b Alexandra Covert and Leslie Aragon—True Facts About the Dinwiddie Site: Surprising Results from Limited Testing in a Disturbed Site
278-c Aaron Trumbo and Allen Denoyer—Experimental Archaeology: Insights from the Construction of an Adobe Room
278-d Maxwell Forton—Ground Stone as a Migration Marker: Using Finger-Grooved Manos and Fully Grooved Axe-Heads to Trace Kayenta Influence at Salado Sites
278-e Riley Duke and Stacy Ryan—Black and White and Shades of Gray: Projectile Points and Bifaces from the Dinwiddie Site, Southwestern New Mexico
278-f Stacy Ryan—Technology and Typology in the Upper Gila: Flaked Stone from the 3-Up and Fornholt Sites, Mule Creek, New Mexico
278-g Hannah Zanotto, Will Russell and Jeffery Ferguson—Reading between the Lines: Salado Polychrome and (In)organic Paint Variability
278-h Patrick Lyons and Deborah Huntley—Temporal and Spatial Variability in Roosevelt Red Ware Painted Decoration
278-i Anna Neuzil—Renegotiating Identity in a Cultural Crossroads: Salado in the Safford Basin
278-j Andy Laurenzi, Matthew Peeples and William Doelle—The Salado Preservation Initiative: Combining Research Investigations with Regional Preservation Planning
278-k David Jacobs, Arleyn Simon, Owen Lindauer and Glen Rice—A Local Expression of “Salado” in Tonto Basin

[279] SYMPOSIUM INVESTIGATING THE TRAFFICKING OF CULTURAL OBJECTS: NOVEL AND INTERDISCIPLINARY APPROACHES
Room: Golden Gate 4
Time: 8:00 AM - 10:15 AM
Chair: Donna Yates

Participants:
8:00 Simon Mackenzie—Antiquities, Drugs, Guns, Diamonds, Wildlife: Toward a Theory of Transnational Criminal Markets in Illicit Goods
8:15 Jason Felch—The Kapoor Case: International collaboration on antiquities provenance research
8:30 Alvaro Higueras—Alternative Strategies in Confronting Looting
Program of the 80th Annual Meeting

Saturday Morning, April 18

8:45  Derek Fincham—The Ka Nefer Nefer and Federal Intervention in the Illicit Antiquities Trade

9:00  Sarah Parcak—Geospatial Strategies for Mapping Large Scale Archaeological Site Destruction: The Case from Egypt

9:15  Duncan Chappell and Damien Huffer—Bones of Contention: Further Investigation into the Online Trade in Archaeological and Ethnographic Human Remains

9:30  Donna Yates—The Ruin of the Maya Heartland: Successes, Failures, and Consequences of Four Decades of Antiquities Trafficking Regulation

9:45  Neil Brodie—Syria: Cultural Property Protection Policy Failure?

10:00 Morag Kersel—Discussant

[280] SYMPOSIUM: GREAT LAKES ARCHAEOLOGY: CURRENT RESEARCH AND PERSPECTIVES
Room: Yosemite A
Time: 8:00 AM - 10:30 AM
Chair: Fernanda Neubauer

Participants:
8:00  Elizabeth Sonnenburg, John O'Shea and Ashley Lemke—Where the Hunters Hunted: Paleoenvironmental Reconstruction of the Submerged Archaeological Landscapes of the Alpena-Amberley Ridge, Lake Huron

8:15  Kathryn Egan-Bruhy and Mark Bruhy—Prehistoric Subsistence Adaptation in the Upper Great Lakes: A Perspective from Butternut-Franklin Lakes

8:30  Fernanda Neubauer—Lithic Technological Organization on Grand Island, Michigan, during the Late Archaic Period

8:45  Mark Hill and Kevin Nolan—Portable X-Ray Fluorescence Analysis of Copper Trace Element Composition: A Methodological Pilot Study

9:00  Susan Kooiman—Pottery Function, Cooking, and Subsistence in the Upper Great Lakes: A View from the Middle Woodland Winter Site in Northern Michigan

9:15  Sean Dunham—Hunter-Gatherer Mobility Strategies: A Late Woodland Example from the Upper Peninsula of Michigan

9:30  Michael Hambacher, James Robertson and Randall Schaetzl—Late Prehistoric Food Choices in the Upper Great Lakes Region: Evidence from 20OT283 and 20OT3 in the Lower Grand River Valley of Michigan

9:45  Scott Demel, Marla Buckmaster, Terrance Martin, James
Paquette and Kathryn Parker—A Proto-Historic Site in the Western Great Lakes
10:00 Michael Shott—Pros and Cons of Consulting Collectors: A Case Study from the River Raisin in Michigan
10:15 James Skibo—Discussant

Room: Yosemite C
Time: 8:00 AM - 10:30 AM
Chairs: Dianna Doucette and Brian Jones

Participants:
8:00 Dawn Beamer and Joseph N. Waller, Jr.—Coastal Dynamics and Site Formation: A Look at the Archaeological Deposits of Coastal RI after Hurricane Sandy
8:15 Christopher Donta—Small Stemmed in the Northeast: Technology and Cultural Continuity in the Late Archaic
8:30 Brian Jones and Brianna Rae—A Snook Kill Phase Site in Marshfield, Massachusetts
8:45 Ora Elquist—Archaic Estuarine Resource Use in the Lower Hudson Valley: New Information from the Old Place Neck Site, Staten Island, New York
9:00 Jennifer Ort and Dianna L. Ducette—Undiscovered Country: Preliminary Results of Eleven New Sites Identified in the Susquetonscut Brook Valley, Eastern Connecticut, USA
9:15 Dianna Doucette, Elizabeth Chilton, Katie Kirakosian, Deena Duranleau and David Foster—Evaluating Archaic Period Settlement and Subsistence Patterns in Relation to Ecosystem Dynamics in New England
9:30 Kristen Jeremiah—Lithic Variation and Tool Technology at the East Pasture Site, Martha’s Vineyard, Massachusetts
9:45 John Cross—Lives as Lived in the Archaic: A Human Agency Perspective
10:00 Erin Flynn and Dianna Doucette—Community Connections from Archaic to Present in Southeastern Massachusetts: Insights from Halls Swamp and Beyond
10:15 Robert Goodby—Herring, Rattlesnakes and More: Recent Research on the Late Archaic in Southwestern New Hampshire

[282] SYMPOSIUM: A NEW DEAL FOR WESTERN ARCHAEOLOGY
(Sponsored by History of Archaeology Interest Group)
Room: Union Square 21  
Time: 8:00 AM - 10:45 AM  
Chair: Mark Howe

Participants:

8:00  Mark Howe—The International Boundary Commission (IBC) and Projects along the U.S.–Mexico Border (1928–1941)

8:15  Steven James—New Deal Archaeology at Buena Vista Lake in the San Joaquin Valley and the Sierra Madre Mountains: The 1933–34 CWA-Smithsonian Institution Project in Southern California

8:30  Todd Bostwick and Steven James—Desert Digs: New Deal Archaeology in Southern Arizona, 1934–1941

8:45  Jeanne Schofer and Peter Pilles—The Legacy of New Deal Programs to Northern Arizona and Southwest Archaeology

9:00  Questions and Answers

9:15  Wendy Sutton—Blast Caps and Other Stories of the CCC on the Gila National Forest: Imaging and Reimagining the North Star Road

9:30  Kelly Pool—Ruins and Restoration on the Colorado Plateau: Earl Morris and the PWA (Public Works Administration)

9:45  John Schelberg and Carla Van West—The Civilian Conservation Corps in Chaco Canyon, New Mexico

10:00  Elizabeth Toney—Combatting the Erosion Menace: The Enduring Legacy of the CCC within the Silver City Watershed

10:15  Sandra Barnum—Asa T. Hill, the WPA, and the Fluorescence of Systematic Archaeology in Nebraska

10:30  Bernard Means—Discussant

[283]  Symposion New Perspectives on the Archaeology of Economics in China

Room: Continental Parlor 1  
Time: 8:00 AM - 10:45 AM

Chairs: James Williams and Camilla Kelsoe

Participants:

8:00  James Williams—Local and Regional Economics in Northeast China

8:15  Jade DAlpoim Guedes—Modeling a Rapid Transition in Subsistence Regimes in Highland Western China

8:30  Guiyun Jin and Fuqiang Wang—Early Neolithic Plant Exploitation in East China

8:45  Zhen Qin—A Geoarchaeological Investigation of Ancient Agricultural Fields at Sanyangzhuang Site, Henan Province,
China
9:00 Elizabeth Berger—Bioarchaeology, Human Ecology, and Subsistence Change in Ancient China
9:15 Tao Li—Economic Differentiation in Hongshan Core Zone Communities: A Geochemical Perspective
9:30 Kuei-chun Lin—Craft Production and Domestic Economies of the Prehistoric Chengdu Plain, Southwest China
9:45 Xiangming Dai—Backgrounds of Emergence of the Early States in Central and Northern China
10:00 Camilla Kelsoe and Dong Li—A Tale of Two Towns: Demographic and Economic Change in Two Middle Yangzi Communities
10:15 Alice Yao—Discussant
10:30 Questions and Answers

[284] SYMPOSIUM 20 YEAR RETROSPECTIVE OF NATIONAL CENTER FOR PRESERVATION TECHNOLOGY AND TRAINING SPONSORED ARCHAEOLOGY
(Sponsored by The National Center for Preservation Technology and Training)
Room: Golden Gate 1
Time: 8:00 AM - 10:45 AM
Chair: Tad Britt
Participants:
8:00 Kurt Dongoske—Native Americans and Archaeology Training Workshop: A Twenty Year Retrospective
8:15 Tad Britt and Lindsey Cochran—Predictive Modeling of Archeological Sites in Death Valley National Park
8:30 Tommy Hailey—Archaeology As The CRO Flies, 2002–2014: A Retrospective Of Twelve Years Of Powered Parachute Aerial Archaeology
8:45 Daria Merwin and Roger Flood—Multibeam Swath Bathymetry for Underwater Archaeological Investigations
9:00 Joe Artz, William Whittaker and Emilia Bristow—Detecting Mounds Using Airborne LiDAR: Case Studies from Iowa and Minnesota
9:15 Chandra Reedy—Incorporating Image Analysis into Ceramic Thin-Section Petrography
9:30 Evan Peacock—Development and Applications of a Minimally Destructive Method of Sourcing Shell via LA-ICP-MS
9:45 Marvin Rowe, Eric Blinman, Jeffrey Cox, John Martin and Mark MacKenzie—Cold Plasma Oxidation and "Nondestructive"
Program of the 80th Annual Meeting

Saturday Morning, April 18

Radiocarbon Dating
10:00  Rinita Dalan—Development of Magnetic Susceptibility Instrumentation and Applications
10:15  Kenneth Kvamme—NCPTT and the Growth of American Archeogeophysics
10:30  Michael Russo—The Archeological Dynamic Friction Cone Penetrometer

Room: Continental Parlor 3
Time: 8:00 AM - 10:45 AM
Chairs: Ian Lindsay and Elizabeth Arkush
Participants:
8:00  Bettina Arnold and Manuel Fernandez Goetz—Building Community: The Heuneburg Hillfort as Monument and Metaphor
8:15  Lori Khatchadourian and Ian Lindsay—The Fortress Refigured: Authority and Community in the South Caucasus (ca. 1500–300 BC)
8:30  Paul Zimansky—Identity and Specialization in the Urartian Settlement at Ayanis
8:45  Dongdong Li and Wenjing Wang—Emergence of Walled Towns in the Neolithic Jianghan Plain: Warfare or Flooding Control?
9:00  George Lau—Life, Land and Labour at Yayno (AD 400–800), a Recuay Fort in the North Highlands of Peru
9:15  Elizabeth Arkush—Coalescence and Conformity at the Ayawiri Hillfort, Peru: A Social Experiment under Duress
9:30  Kristin Kuckelman—Fortified Settlements as Forces of Social Change among the Ancestral Pueblo Peoples of the Northern San Juan Region
9:45  Adria LaViolette—The Fortified Settlement of Pujini and Implications for a Swahili Urban Landscape
10:00  Innocent Pikirayi—Fortifications in Mukaranga, Northern Zimbabwe (1600–1700 AD): A Socio-Political Perspective
10:30  Takeshi Inomata—Discussant

[286]  SYMPOSIUM RECENT ADVANCES IN THE SETTLEMENT AND
Program of the 80th Annual Meeting

Saturday Morning, April 18

LANDSCAPE ARCHAEOLOGY OF SOUTHWEST CHINA AND
SOUTHEAST ASIA PART I: THE MACRO PERSPECTIVE: SPATIAL
ANALYSIS AND SUBSISTENCE SYSTEMS
Room: Union Square 1
Time: 8:00 AM - 10:45 AM
Chair: Alison Carter

Participants:
8:00 Caitlin Evans—Sites, Survey, and Ceramics: A GIS-based Approach to Modeling Early Prehistoric Settlement Patterns in the Upper Mun River Valley, Northeast Thailand
8:15 Kasper Jan Hanus and Emilia Smagur—“Reconstructing” an Archaeological Landscape of NW Cambodia Beyond the Borders of the Greater Angkor Using Satellite Imaging
8:30 Mitch Hendrickson—Hydraulic Nodes of Empire—Redux: Evaluating the Role of Artificial Water Tanks as Indicators of Territorial Control in Cambodia’s Medieval Landscape (6th to 15th c. CE)
8:45 Sarah Klassen, Damian Evans, Terry Lustig, Barry le Plastrier and Eileen Lustig—Evaluating the Sustainability of an Angkor-Period Engineered Landscape at Koh Ker, Cambodia
9:00 Anke Hein—Environmental Preconditions and Human Response: Subsistence Practices at Prehistoric Settlement Sites in the Liangshan Area, Southwest China
9:15 Tegan McGillivray and Nam Kim—The Environmental History of Settlement at Co Loa, Vietnam: A Preliminary Pollen Sequence
9:30 Cristina Castillo—Archaeobotany in Southeast Asia: What Have We Learned So Far?
9:45 Hetian Jin, Xu Liu, Rui Min, Xiaorui Li and Xiaohong Wu—Early Subsistence Practices at Prehistoric Dadunzi in Yuanmou, Yunnan: New Evidence for the Origins of Early Agriculture in Southwest China
10:00 Roland Fletcher—Discussant
10:15 Anke Hein—Discussant
10:30 Questions and Answers

SYMPOSIUM: ANCIENT ARCHITECTURE AND SPATIAL TECHNOLOGY:
A GLOBAL PERSPECTIVE
Room: Golden Gate 5
Time: 8:00 AM - 11:00 AM
Chair: Mark McCoy

Participants:
8:00 Michael Harrower, Kathleen M. O’Meara, Ioana A. Dumitru,
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>8:15</td>
<td>Elaine Sullivan</td>
<td>3D Saqqara: Using 3D GIS to Reconstruct Visibility and Communal Memory at an Egyptian Necropolis</td>
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<tr>
<td>8:30</td>
<td>James Osborne</td>
<td>Visibility Graph Analysis of Monumental Buildings in Iron Age Turkey</td>
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<tr>
<td>8:45</td>
<td>Daniel Contreras</td>
<td>Reflections on Digital Data Acquisition and Analysis at Chavin de Huántar, Peru</td>
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<td>9:00</td>
<td>Chester Walker, Nathaniel Van Valkenburg and Mark Willis</td>
<td>Architecture in Negative: Mapping Social Space at Carrizales, Peru Using Low Altitude Aerial Photography and Photogrammetry</td>
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<tr>
<td>9:15</td>
<td>Gabriela Ore Menendez and Steven Wernke</td>
<td>Mapping and Feature Classification of Low Altitude Orthomosaics Using Geospatial Image Analysis in a Planned Colonial Town in Highland Peru</td>
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<tr>
<td>9:30</td>
<td>Kelsey Reese and Timothy Kohler</td>
<td>Agency of Access: Public Architecture in Mesa Verde National Park</td>
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<td>9:45</td>
<td>Rodrigo Guzman</td>
<td>Advances and Changes in the Surveying and Mapping of Guatemalan Archaeology Aided by New Information Technologies</td>
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<tr>
<td>10:00</td>
<td>Mark McCoy</td>
<td>Spatial Technology and the Search for Archaic State Society in the Hawaiian Islands</td>
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<tr>
<td>10:15</td>
<td>Wetherbee Dorshow, Patricia Crown and John Crock</td>
<td>Clear Views from the Ground: 3D Modeling of Architecture and Rock Art from Chaco to Anguilla</td>
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<tr>
<td>10:30</td>
<td>Kristin Safi, Adam Wiewel, Katie Simon and Andrew Duff</td>
<td>Mapping the Monumental Architecture of the Largo Gap Great House</td>
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<td>10:45</td>
<td>John Kantner</td>
<td>Discussant</td>
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**Symposium IHOPE (Integrated History and Future of People on Earth)** - International and Interdisciplinary Projects Working to Make the Past Better Serve the Future.

* Sponsored by IHOPE
* **Room:** Union Square 13
* **Time:** 8:00 AM - 11:00 AM
* **Chair:** George Hambrecht

**Participants:**

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00</td>
<td>Thomas McGovern</td>
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</table>
8:15 Keith Prufer—IHOPE Maya: Linking Lessons of the Past to Our Present and Future
8:30 Tristram Kidder—The Roots of the Modern Anthropocene: The Yellow River Valley, China, 5000–2000 BP
8:45 Richard Oram—Stripped Naked, Flayed to the Bone and then Drowned: Settlement Failure in Coastal Scotland in the 14th and 15th Centuries
9:00 Sander Van Der Leeuw—Learning from the Past About the Present and for the Future
9:15 Margaret Nelson—Vulnerability and Human Security in the Face of Climate Change
9:45 Aleksander Pluskowski, Alexander Brown, Rowena Banerjea, Krish Seetah and Daniel Makowiecki—Transforming Frontiers into Heartlands: The Immediate and Long-Term Environmental Impact of the Crusades in NE Europe
10:00 Megan Hicks, Árni Einarsson, Kesara Ananthawat-Jónsson, Ágústa Edwald and Thomas H. McGovern—Long Term, Community Level Protection and Management of Waterfowl in Mývatn N. Iceland
10:15 Katie Manning, Sue Colledge, Enrico Crema, Adrian Timpson and Stephen Shennan—Long-Term Trends and the Sustainability of Early Agriculture in Neolithic Europe
10:30 Colleen Strawhacker, Peter Pulsifer and Shari Gearheard—Data Management and Cyberinfrastructure for Traditional and Local Knowledge and Archaeology in the Arctic
10:45 Andrew Dugmore—Discussant

[289] Symposium: Mind the Gap: Archaeological Approaches to Null Data Spaces
Room: Union Square 14
Time: 8:00 AM - 11:15 AM
Chair: Zenobie Garrett

Participants:
8:00 Susan Johnston—Space as Place: Understanding Emptiness in Archaeological Landscapes
8:15 April Belsaw—Mapping Contagious Abandonment and Resilience, North of New York City
8:30 Erin Nelson—Courtyards, Plazas, Paths: Empty Spaces Full of Meaning
8:45 Megan Kassabaum—The Importance of the Center: Exploring
Circular Spaces in the Lower Mississippi Valley
9:00 Meghan Buchanan—Absences and Abandonments in the Mississippian Midwest
9:15 Zenobie Garrett—Bridging the Gap: Understanding the Empty Medieval Landscape of Post-Roman Aquitaine
9:30 Kevin Wiley—Networks through Time: Filling in the Gaps
9:45 Eva Hulse—A Geoarchaeological Approach to the Interpretation of Incomplete Spatial Data
10:00 Stephen Wagner—Manufacturing the Gap: Discrete Data, Archaeological Sites, and Cultural Resource Management
10:15 Amy Clark—Analyzing Activity Areas When Only One Material Remains: The Interpretation of Low Density, ‘Empty’ Spaces in Open Air Middle Paleolithic Sites
10:30 Elizabeth Watts-Malouchos and Zarko Tankosic—Sighting Sites: Viewshed Analysis and Site Boundaries in Archaeological Survey
10:45 Justin King, Heather Richards-Rissetto and Kristin Landau—Enter the Void: A GIS Analysis of the Visibility of Empty Spaces at Copan, Honduras
11:00 Questions and Answers

SYMPOSIUM: MANY FACES, MANY PERSPECTIVES: ARCHAEOLOGY AND COMMUNITIES IN PRACTICE
(Sponsored by Para la Naturaleza, a division of the Puerto Rico Conservation Trust, and the University of PR)
Room: Continental Ballroom Parlor 7
Time: 8:00 AM - 11:15 AM
Chair: Isabel Rivera-Collazo

Participants:
8:00 Isabel Rivera-Collazo—Codes of Ethics and Archaeology in Practice: “Communal Archaeology” and Citizen Science Towards the Advancement of the Discipline
8:15 Rebecca Boger—Building Resilience and Sustainability through Collaboration and Community Research
8:30 Cristina Franco—Breaking the Untold Rule: Community Archaeology a Bond of People and Information
8:45 Miguel Díaz-Díaz—La erosión costera como agente de cambio geomorfológico y pérdida de contexto arqueológico
9:00 Hector Rivera-Claudio—Una experiencia personal en el descubrimiento de la arqueología: mi voz como ciudadano
9:15 Karen Lopez—La arqueología latente: educación informal como inspiración para preparación profesional
9:30  Jose Garay—Into the Mind of an Undergrad: Personal Experience, Training and Archaeology
9:45  Jen-I Costosa—Digging the Past—Creating New Pathways for the Future: Graduate Student Perspective from the Field
10:00 Sophia Perdikaris—From Theory to Real Life Applications: Citizen Science in Heritage and Sustainability in Barbuda
10:15 John Mussington—Archaeology and Community Development: A Perspective from within
10:30 Questions and Answers
10:45 Gabriel Moshenska—Discussant
11:00 Carole Crumley—Discussant

[291] Symposium: People without Collapse: Peripheries as Active Participants in Cultural Transformations
Room: Continental Ballroom Parlor 9
Time: 8:00 AM - 11:15 AM
Chairs: Elizabeth Paris and Elizabeth Brite

Participants:
8:00 Elizabeth Paris and Elizabeth Brite—People without Collapse: An Introduction
8:15 Erana Loveless—The Invisibility of Reactive Foragers and its Implications for Traditional Ecological Knowledge
8:30 David Mixter—Liberty on the Periphery: How Actuncan, Belize Escaped the Classic Maya Collapse (For a Time)
8:45 Roberto Lopez Bravo and Elizabeth H. Paris—Collapse from the Outside In: A View from the Western Maya Periphery
9:00 E. Anderson—Medieval Warmth: Did the Medieval Warm Period Sink the Maya but Make the Mongols?
9:15 Hiroko Inoue, Christopher Chase-Dunn, Eugene Anderson, Alexis Álvarez and Christian Jaworski—Comparing World-Systems: Empire Upsweeps and Non-Core Marcher States Since the Bronze Age
9:30 Elizabeth Brite—Ingenuity from the Periphery: Contributions to Old World Transformations from the Aral Sea deltas
9:45 Lynne Rouse—In-Visible Periphery of Old World “Collapse”: Recognizing Choice and Circumstance in the Archaeological Record of Mobile Pastoralists
10:00 Elizabeth Bridges—Reevaluating Vijayanagara Imperial Collapse
10:15 Susan Allen and Kathleen Forste—On the Periphery of Collapse: An Archaeobotanical View from the Mycenaeans Hinterland at Tsoungiza
10:30  Willeke Wendrich—Discussant
10:45  E. Anderson—Discussant
11:00  Questions and Answers

[292]  **SYMPOSIUM: GLOBAL PERSPECTIVES ON LITHIC TECHNOLOGIES IN COMPLEX SOCIETIES**

**Room:** Golden Gate 3
**Time:** 8:00 AM - 11:15 AM
**Chairs:** Rachel Horowitz and Grant McCall

**Participants:**
8:00  Mary Davis—Urban Lithics—The Role of Stone Tools in the Indus and at Harappa
8:15  Teresa Raczek—A Plentitude of Possibilities: Evaluating Debitage from Large Habitation Mounds
8:30  Steven Rosen and Francesca Manclossi—The Importance of Being Ad Hoc: Patterns and Implications of Expedient Lithic Production in the Bronze Age in Israel
8:45  Paul Kardulias—Stone Tool Use in Late Prehistoric and Historic Contexts in the Eastern Mediterranean Region
9:00  Thomas Hester and Harry J. Shafer—Ancient Maya Lithic Craft Specialization at Colha, Belize
9:15  Zachary Hruby and Jason W. Barrett—Pride and Prejudice in the Maya Lowlands
9:30  Jason Paling—Leaving No Stone Unturned: Investigating Preclassic Lithic Production, Consumption, and Exchange at San Estevan, Belize and K’o and Hamontún, Guatemala
9:45  Rachel Horowitz—The Organization and Economic Activity Related to the Extraction and Production of Utilitarian Tools in the Mopan Valley, Belize
10:00 Grant McCall, Rachel Horowitz, Dan Healan and David Grove—Chert at Chalcatzingo: Implications of Knapping Strategies and Technological Organization for Formative Economics
10:15 Jason Nesbitt, Yuichi Matsumoto, Michael Glascock, Yuri Cavero and Richard Burger—Sourcing the Obsidian from Campanayuq Rumi: Implications for Understanding Chavín Interaction
10:30 Fumiyasu Arakawa—Unraveling Sociopolitical Organization Using Lithic Data: A Case Study from an Agricultural Society in the American Southwest
10:45 Caroline Schmidt and Ryan Parish—Determining Implications of Lithic Selectivity in the Early Historic European Trade of the
Central Mississippi Valley
11:00 John Whittaker—Discussant

[293] SYMPOSIUM  ANCESTRAL NATIVE AMERICAN ARCHAEOLOGY OF THE SAN FRANCISCO BAY AREA
Room: Franciscan CD
Time: 8:00 AM - 11:45 AM
Chairs: Alex DeGeorgey and Mark Hylkema

Participants:
8:00 Philip Kajiankoski and Jack Meyer—A Land Transformed: Holocene Sea-Level Rise, Landscape Evolution, and Human Occupation in the San Francisco Bay Area
8:15 Edward Luby and Kent G. Lightfoot—Diachronic Changes in the Shell Mounds of the San Francisco Bay: A Case Study of Ellis Landing (CA-CCO-295)
8:30 Alan Leventhal and Rosemary Cambra—Shellmounds of the San Francisco Bay as Sacred Landscapes
8:45 Karen Gardner, Eric J. Bartelink, Antoinette Martinez, Alan Leventhal and Rosemary Cambra—Feeding the Ranks: Correlating Social Organization and Dietary Patterns at the Yukisma Mound (CA-SCL-38)
9:00 Adrian Whitaker and Brian Byrd—An Ideal Free Settlement Perspective on Residential Positioning in the San Francisco Bay Area
9:15 Mark Hylkema—Tule Balsa Boats and the San Francisco Bay Economy
9:30 Dwight Simons, Tom Wake and Alex DeGeorgey—Fins, Feathers and Furs: Fish, Bird, and Mammal Remains from a Stege Mound Complex Site, CA-CCO-297
9:45 Alex DeGeorgey and Dwight Simons—Use of Faunal Resources as Trade Commodities during the Late Period—Evidence from a Stege Mound (CA-CCO-297)
10:00 Jack Broughton—Late Holocene Resource Depression in San Francisco Bay: Recent Research with Tule Elk, Sturgeon, and Waterfowl
10:15 Kenneth Gobalet and Robert Leidy—An Update of the Prehistoric Native American Fishery of San Francisco Bay
10:30 Melanie Beasley—Men at Work: Economic Complexity and Exploitation of Dietary Marine Protein Sources in the San Francisco Bay Area
10:45 Eric Bartelink, Jelmer Eerkens, Melanie Beasley and Karen Gardner—Kroeber’s Omnivore’s Dilemma: Regional
Perspectives on Late Holocene Human Paleodiet in the San Francisco Bay Area
11:00 Susan Talcott, Jelmer Eerkens, Eric Bartelink and Ken Gobalet—Stable Isotope Perspectives on Diet and Mobility in the California Delta
11:15 Laura Brink, Jelmer Eerkens, Alex DeGeorge and Jeff Rosenthal—Reconstructing Mobility in the San Francisco Bay Area: Strontium and Oxygen Isotope Analysis at Two California Late Period Sites, CA-CCO-297 and CA-SCL-919
11:30 Sally Evans—Auditory Exostosis: A Marker of Occupational Stress in Pre-Contact Populations from the San Francisco Bay Region of California

[294] SYMPOSIUM BUILDING THE HUNTER-GATHERER’S PALEOSCAPE ON THE SOUTH AFRICAN COAST: ENVIRONMENT, LANDSCAPE, AND FORAGING RESOURCES
Room: Imperial Ballroom B
Time: 8:00 AM - 11:45 AM
Chair: Erich Fisher

Participants:
8:00 Alastair Potts, Richard Cowling, Simon Scheiter, Steven Higgins and Janet Franklin—Peering into the Past Cape Vegetation during the Last Glacial Maximum Using Species Distribution Modelling and Dynamic Global Vegetation Modelling
8:15 Kim Hill, Marco Janssen, Eric Fisher and Curtis Marean—Agent Based Models of Ache Foraging and Grouping
8:30 Jan De Vynck, Kim Hill, Robert Anderson, Richard Cowling and Curtis Marean—Foraging for Shellfish in a Predictable and Productive Inter-Tidal Environment, the South Coast of South Africa
8:45 Chloe Atwater, Jan de Vynck, Alastair Potts, Jayne Wilkins and Kim Hill—Wood Foraging in the Tree-Limited Environment of the Cape Floral Region of South Africa
9:00 Elzanne Singels, Karen Esler, Richard Cowling, Alastair Potts and Jan de Vynck—Foraging for Bulbs in the Cape Floristic Region
9:15 Kerstin Braun, Miryam Bar-Matthews, Curtis W. Marean, Alan Matthews and Rainer Zahn—Long and Continuous Record of Climate and Environmental Change from Speleothems of the Cape Floral Region of Southern South Africa
9:30 Hayley Cawthra, John Compton, Erich Fisher, Zenobia Jacobs and Curtis Marean—Marine Geophysics Reveals the Character
Saturday Morning, April 18

of the Now Submerged Paleo-Agulhas Plain

9:45  Rosa-Maria Albert, Irene Esteban and Curtis Marean—Paleoenvironmental Reconstruction Using Fossil Phytolith Assemblages at Pinnacle Point caves 13B and 5/6 during Middle Stone Age, Mossel Bay, South Africa

10:00  Julia Lee-Thorp, Kirsty Penkman and Curtis Marean—A Late Pleistocene Aridity and Vegetation Record from Stable Light Isotope Ratios of Ostrich Eggshell in Pinnacle Point

10:15  Hope Williams, Curtis Marean, Thalassa Matthews and Andy I.R. Herries—Paleoenvironmental Implications of Stable Isotope Analyses of Micromammal Teeth from Pinnacle Point (Mossel Bay, South Africa)

10:30  Sandi Copeland, Hayley Cawthra, Richard Cowling, Julia Lee-Thorp and Petrus LeRoux—Testing the Paleo-Agulhas Plain Migration Ecosystem Hypothesis with Serial Isotope Analysis of Fossil Fauna

10:45  Judith Sealy, Navashni Naidoo, Julia Lee-Thorp, Emma Loftus and Tyler Faith—Stable Carbon and Oxygen Isotopes in Faunal Tooth Enamel from Boomplaas and Nelson Bay Cave Record Late Pleistocene/Holocene Environments in the southern Cape, South Africa

11:00  Leesha Richardson—Environmental Implications of Marine Bird Remains in the Late Holocene of Pinnacle Point.

11:15  Eugene Smith, Amber Ciravolo, Minghua Ren, Panagiotis Karkanas and Curtis Marean—Cryptotephra Discovered at Pinnacle Point Site 5-6 May Correlate with the 74 ka Eruption of Toba in Indonesia: Implications for Resolving the Dating Controversy for Middle Stone Age Sites in Southern Africa.

11:30  Curtis Marean—Discussant


Room: Continental Ballroom 4
Time: 8:00 AM - 11:45 AM
Chairs: Laura Kosakowsky and Jim Aimers

Participants:
8:00  Jim Aimers—Peter Harrison: Remembering a Friend and Colleague
8:15  H Loten—Compiling Tikal Report 15
8:30  Hattula Moholy-Nagy—Monuments as Artifacts: The Significance of the Hiatus at Tikal, Guatemala
8:45  Nicholas Dunning, Vernon Scarborough and David Lentz—Tikal in Environmental Context: Peter Harrison and Ancient Maya Water Management and Subsistence
9:00  Diane Chase and Arlen Chase—Iconographic Portraiture and Political Implications: Peter Harrison's Contribution to Mayanists' Understanding of Site Q
9:15  Ryan Mongelluzzo—Harrison's View: The Importance of Small Scale Analyses in Maya Archaeology
9:45  Justine Shaw and Jennifer Mathews—A Tale of Two Projects: Comparative Findings of the CRAS and Yalahau Projects
10:00 Scott Fedick, Jennifer Chmilar and Daniel Leonard—Diversity of Wetland Form, Historical Ecology, and Human Use in the Maya Lowlands: The View from the Yalahau Wetlands
10:15 Terry Powis—Vision and Revision in the Use of Residential and Non-Residential Space at Middle Preclassic Maya Sites: A View from Pacbitun, Belize
10:30 Patricia McAnany—“He Entered the Water” … Maya Wetlands and Their Caretakers
10:45 B Turner—The Role of Environment in the Collapse of the Ancient Maya
11:00 Laura Kosakowsky and David Pendergast—Remembrances of Things Past: Peter D. Harrison and Maya Archaeology
11:15 E. Wyllys Andrews—Discussant
11:30 Questions and Answers

Room: Plaza A
Time: 8:00 AM - 12:00 PM
Chair: Karen Lupo

Participants:
8:00  Robert Elston—James F. O’Connell and Great Basin Archaeology
8:15  Steven Simms and Andrew Ugan—The Faces of Intensification: An Application of Selection Thinking
8:45  Mark Collard—A Cross-Cultural Analysis of the Impact of Diet Breadth on Subsistence Toolkit Richness and Complexity
9:00  Mary Stiner and Steven Kuhn—OFT and EVO-DEVO:
Program of the 80th Annual Meeting
Saturday Morning, April 18

Antithetical or Mutually Beneficial?

9:30 Richard Klein—Archaeological Shellfish Size and Later Human Evolution in Africa

9:45 Jim Allen—Overpaid, Over-Sexed and Over Here: O'Connell in Australia

10:00 Peter White—Ethnoarchaeology: More than Cautionary Tales

10:15 K. Ann Horsburgh—Integrating Archaeological and Genetic Data

10:30 David Zeanah, Brian F. Coddling, Douglas W. Bird and Rebecca Bliege Bird—OFT, BSR, and JOC: James O'Connell's Contributions to Understanding Broad Spectrum Economies Using Foraging Theory

10:45 Brian Coddling, David Zeanah, Rebecca Bliege Bird, Christopher Parker and Douglas Bird—Martu Ethnoarchaeology: Foraging, Site Structure and the Scales of Constraint on Human Behavior

11:00 Douglas Bird—A Kangaroo Hunt

11:15 David Meltzer—What if the Restaurant Isn't at the End of the Universe but in a Much Nicer Place?

11:30 Judith Field—A View on Late Pleistocene Megafauna Extinction in Sahul: An Emu Hunt Revisited

11:45 James O'Connell—Discussant

[297] SYMPOSIUM ▪ LITHICS COWGIRL, HOUSEHOLD ARCHAEOLOGIST, DIGITAL DOYENNE: A SESSION DEDICATED TO RUTH TRINGHAM
Room: Continental Ballroom 6
Time: 8:00 AM - 12:00 PM
Chair: Colleen Morgan

Participants:
8:00 Michael Ashley—Remediated Roads and Flights of Fancy, Travels with Ruth from Past to Present

8:15 Barbara Voytek—From Russia with Love: Ruth Tringham and the Early Days of Microwear

8:30 Doug Bailey—Who invited the Secret Police?

8:45 Colleen Morgan—A Chimera Spider at Play: Making, Creativity and Collaboration in Digital Archaeology

9:00 Michael Shanks—Ruth Tringham

9:15 Mirjana Stevanovic—Ruth's Archaeology

9:30 Lori Hager—Who Will Remember the Dead? Embodying the People of the Past in Novel Ways
Program of the 80th Annual Meeting

Saturday Morning, April 18

9:45  Peter Biehl—The Neolithic House: Ruth Tringham’s Interdisciplinary Approaches to (Re)Constructing Prehistoric Village Life in Southeast Europe and Anatolia

10:00  Margaret Conkey—Out on the Ice with Ruth: Taking Chances Together

10:15  Steve Mills—Walking to (A)muse: Exploring Senses of Place with Ruth

10:30  Angela Piccini—Archaeology’s Moving Images

10:45  Henrietta L. Moore—Feminism and Experimentation

11:00  Julian Richards—Discussant

11:15  Ian Hodder—Discussant

11:30  Ruth Tringham—Discussant

11:45  Questions and Answers

[298]  SYMPOSIUM • The Seventh Field Season of the Proyecto Templo Mayor: Recent Investigations on the Sacred Precinct of Tenochtitlan
Room: Golden Gate 2
Time: 8:00 AM - 12:00 PM
Chairs: Ximena Chávez Balderas and Leonardo López Luján

Participants:

8:00  Saburo Sugiyama and Leonardo López Luján—New 3D Map of the Templo Mayor Architecture, a Symbol of Mexica Cosmology and Political Power with Teotihuacan Tradition

8:15  Michelle Marlene De Anda Rogel, Fernando Carrizosa and Valeria Hernández—Graphic Documentation of the Mural Painting in the Sacred Precinct of Tenochtitlan

8:30  Amaranta Argüelles—A Model of the Universe at the Foot of the Templo Mayor of Tenochtitlan. An Approach to its Meaning

8:45  Diego Matadamas Gómez, Martha Soto, Ángel González López and Michelle De Anda Rogel—The Polychromy of the Great Temple of Tenochtitlan “Standard Bearers”

9:00  Erika Robles Cortés, Ximena Chávez Balderas, Alejandra Aguirre Molina and Michelle De Anda Rogel—Images of Death in Offering 141 of Tenochtitlan’s Great Temple: Human Sacrifice and the Symbolism of Effigy Skulls

9:15  Miguel García González—The Sun, the Xiuhcoatl and the Eagle: Incense Burners Found at the Great Temple of Tenochtitlan

9:30  Alejandra Aguirre—Images Represented in the Dressed Flint Knife Offerings from the Plaza West of Tenochtitlan’s Great Temple
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>9:45</td>
<td>Frances Berdan—Discussant</td>
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<td>10:00</td>
<td>Margarita Mancilla Medina, Laura Angélica Ortiz Tenorio and Mirsa Alejandra Islas Orozco—Wooden Scepters in the Offerings of Tenochtitlan's Great Temple: A Symbolic Interpretation</td>
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<td>10:15</td>
<td>Martha Soto—Feather Headdresses among the Offerings at Tenochtitlan's Great Temple</td>
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<td>10:30</td>
<td>Aurora Montúfar López and Julia Pérez Pérez—Botanical Analysis of Sediments in Offerings and Fill at Tenochtitlan’s Great Temple</td>
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<td>10:45</td>
<td>Belem Zúñiga Arellano—Marine Mollusks as Evidence of Mexica Imperial Expansion</td>
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<td>11:00</td>
<td>Ana Guzmán—Peces de las ofrendas asociadas a Tlaltecuhtli</td>
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<td>11:15</td>
<td>Guilhem Olivier and Leonardo López Luján—The Roseate Spoonbills of Tenochtitlan’s Great Temple and Their Relation to Deceased Warriors, Nobles, and Kings</td>
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<td>11:30</td>
<td>Israel Elizalde Mendez, Salvador Figueroa Morales and Ximena Chávez Balderas—Animal Captivity in Tenochtitlan’s Sacred Precinct: Specialized Diet and Paleopathological Analysis of Golden Eagles Found in Offering 125</td>
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<td>11:45</td>
<td>Adrian Velazquez—Discussant</td>
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### Symposium: Building a Bioarchaeology of Care

**Room:** Plaza B  
**Time:** 8:00 AM - 12:00 PM  
**Chairs:** Alecia Schrenk and Lorna Tilley

**Participants:**

**8:00** Lorna Tilley—Thinking and Theory in the Bioarchaeology of Care

**8:15** Alecia Schrenk and Debra Martin—Using the Index of Care on a Bronze Age Teenager with Poliomyelitis: From Speculation to Strong Inference

**8:30** Gerald Conlogue, Mark Viner, Ronald Beckett and Jelena Bekvalac—A Post-Mortem Evaluation of the Degree of Mobility in an Individual with Severe Kyphoscoliosis Using Direct Digital Radiography (DR) and Multi-Detector Computed Tomography (MDCT)

**8:45** Sarah Jolly and Danielle Kurin—Surviving Trepanation: Approaching the Relationship of Violence and the Care of “War Wounds” through a Case Study from Prehistoric Peru

**9:00** Alexis Boutin—Narrativizing a Bioarchaeology of Care: A Case Study from Ancient Dilmun
9:15 Alyssa Willett and Ryan Harrod—Cared for or Outcasts? The Bioarchaeological Analysis of Two Individuals with Potential Disabilities from Aztec Ruins
9:30 Rebecca Gowland—The Bioarchaeological Evidence for Elder Care in Roman Britain
9:45 Lori Tremblay Critcher—Potential Applications of the Bioarchaeology of Care Methodological Approach for Historic Institutionalized Populations
10:00 Julie Wesp—Caring for Bodies or Simply Saving Souls: The Emergence of Institutional Care in Spanish Colonial America
10:15 Marco Milella—Modeling Care in Prehistory through an Analysis of Hunter-Gatherers Social Systems
10:30 Kenneth Nystrom, Niels Lynnerup and Dario Piombino-Mascali—Mummy Studies and the Soft Tissue Evidence of Care
10:45 Charlotte Roberts—The Potential and Challenges of Constructing a Bioarchaeology of Care for a Person with Leprosy in the Late Medieval Period
11:00 David Doat—What Moral and Ethical Considerations Should Inform Bioarchaeology of Care Analysis?
11:15 Andrew Wilson, Keith Manchester, Jo Buckberry, Rebecca Storm and Karina Croucher—Digitised Diseases: Seeing Beyond the Specimen, Understanding Disease and Disability in the Past
11:30 David Mennear—Making the Bioarchaeology of Care Methodology Public: Understanding the Roles of Ethics, Communication and Public Engagement in a Novel Approach to Physical Impairment in the Archaeological Record
11:45 Jane Buikstra—Discussant

[300] SYMPOSIUM SOLVING ARCHAEOLOGICAL RESEARCH PROBLEMS IN ROCKY MOUNTAIN AND PLAINS PREHISTORY
Room: Franciscan AB
Time: 8:00 AM - 12:00 PM
Chairs: Douglas MacDonald and Bonnie Pitblado
Participants:
8:00 Douglas MacDonald, Justin Pfau and Matthew Nelson—Geographic and Chronological Differences in Lithic Raw Material Use by Hunter-Gatherers in the Greater Yellowstone Ecosystem
8:15 Kathryn Puseman and Craig Lee—Out of Ice: A Review of Greater Yellowstone Area Ice Patch Hunting Technology
8:30 Meghan Forney, John W. Fisher, Jr. and Lawerence Todd—A Multi-Scalar Chipped Stone Analysis in the Northern Rocky Mountains: Comparing the Bridger Mountains, Montana to the Absaroka Mountains, Wyoming

8:45 Pei-Lin Yu—Archaic Women in the High Country: An Ethnoarchaeological Framework

9:00 Samuel White—Anzick Site Lithics: A Study of Concave Margin Scrapers as an Integral Part of the Clovis Tool Kit

9:15 Michael Neeley—The Beaucour Site: A Bison Kill in Northeastern Montana

9:30 Jesse Ballenger, Brandi Bethke and Maria Zedeno—The Landscape Archaeology of the Northwestern Plains: Problems and Potential

9:45 Sara Scott—Deciphering WPA Archaeology on the Northwestern Plains: Another Look at the Cultural Chronology of Pictograph Cave

10:00 Mavis Greer and John Greer—Rock Art Research and Ethnohistory on the Northwestern Plains and Adjacent Rocky Mountains

10:15 Kenneth Reid and Ethan Morton—Idaho's Radiocarbon Record and the Challenges of Chronometric Hygiene

10:30 Kathryn Harris—The American Falls Obsidian Source: Near, Far, or Unknown?

10:45 Christopher Merriman and Caroline Gabe—Addressing Surface Site Palimpsests with GIS and Lithic Technology

11:00 Robert Brunswig, James Doerner and David Diggs—Multidisciplinary Reconstruction of Interactive Change in Holocene Treeline, Paleoclimate, and High Altitude Hunting Systems in Rocky Mountain National Park, Colorado

11:15 Lisa Smith, Patricia Stavish, Iraida Rodriguez and Brandon Mauk—Embedded Activities: Preliminary Analysis of Landscape Use and Mobility Patterns in Colorado National Monument

11:30 William Ankele, Bonnie L. Pitblado, Meghan J. Forney and Christopher W. Merriman—Paleoindian Use of the Lake Fork Valley, Southwest Colorado


Symposium: People that no one had use for, had nothing to give to, no place to offer: The Milwaukee County
INSTITUTION GROUNDS POOR FARM CEMETERY
Room: Continental Ballroom Parlor 8
Time: 8:00 AM - 12:00 PM
Chair: Patricia Richards

Participants:
8:00 Patricia Richards—Here Lies.... You Know, Weaver, I've Forgotten Who We Just Buried: The Milwaukee County Poor Farm Cemetery Project
8:30 Nicholas Richards—MCIG According to MCIG: Historic Document Research
8:45 Alexander Anthony—The 1912 Grave Desecration of the Milwaukee County Institution Grounds Poor Farm’s Cemetery
9:00 Eric Burant—What's in a Grave?: A Preliminary Analysis of Material Culture from the Milwaukee County Institution Grounds Cemetery
9:15 Catherine Jones—Mixed Burials and Commingled Human Remains Recovered from the Milwaukee County Institution Grounds Poor Farm Cemetery
9:30 Alexis Jordan, Catherine Jones and Shannon Freire—The Sum of Their Parts: Reconstituting Individuality from Atypical Mixed Burials at the Milwaukee County Institution Grounds Poor Farm Cemetery
9:45 Adrienne Frie and Patricia Richards—Historical Craniotomy and Autopsy Practices at the Milwaukee County Institutional Grounds Poor Farm Cemetery
10:00 David Strange—Evidence for Antemortem or Perimortem Trauma among Individuals Recovered from the 2013 Milwaukee County Institution Poor Farm Cemetery Excavations
10:15 Helen Werner—Molecular Identification of Mycobacterium Tuberculosis in the Milwaukee County Institution Grounds Cemetery
10:30 Jessica Skinner—Entheses and Activities: a Metric and Non-Metric Analysis of Enthesal Change of the Shoulder Complex within the Milwaukee County Institution Grounds Population
10:45 Brianne Charles and Emily Epstein—Expanding Juvenile Dental Age Assessments Using 2013 Recovered MCIG Subadult Dental Data
11:00 Emily Epstein, Brianne Charles and Brooke Drew—Neonatal Line Assessment among Milwaukee County Institution Grounds (MCIG) Perinates to Determine Viability
11:15 Shannon Freire and Alexis Jordan—The Application of Strontium Isotope Analysis to Historic Cemetery Contexts: A Case Study for the Creation of Robust Individual Identifications

11:30 John Richards and Catherine Jones—Using PXRF Technology to Aid in the Recovery and Analysis of Human Remains

11:45 Lynne Goldstein—Discussant

[302] Symposium: Current Problems in Arctic Research

Room: Continental Parlor 2
Time: 8:00 AM - 12:00 PM
Chairs: Christyann Darwent and John Darwent

Participants:

8:00 Ben Potter—Recent Discoveries in the Tanana Basin, Eastern Beringia

8:15 Richard Stern—Recent NLURA Research in Northern Alaska

8:30 Rita Miraglia—Results of Section 106 Fieldwork at Three Archaeological Sites in Alaska: Producing Meaningful Research Results Under the Shadow of the Sequester

8:45 Richard Martin, Kathryn E. Krasinski, Brian T. Wygal and Fran Seager-Boss—Application of LIDAR in New Site Discoveries, Susitna Valley, Alaska

9:00 Virginia Hatfield, Kale Bruner and Dixie West—Geological Hazards, Climate Change, and Human Resilience in the Islands of the Four Mountains of Alaska: Preliminary Archaeological Findings

9:15 Kale Bruner and Hannah Owens—Where’s the Cod?: Toward a Predictive Model of Prehistoric Land-Use and Migration in the Aleutian Islands

9:30 Andrew Tremayne, John Darwent, Christyann Darwent and Kelly Eldridge—Iyatayet Revisited: Oh Giddings, What Have You Done?

9:45 Owen Mason, Claire Alix and Nancy Bigelow—Bimirk Expansion Across Alaska during the Medieval Climate Anomaly: Causal or Coincidence?

10:00 Jeremy Foin—Comparative Faunal Analysis of Four Early Thule House Features from Cape Espenberg, Alaska, and Inglefield Land, Greenland

10:15 Adam Freeburg—Subsistence and Settlement at Cape Krusenstern, Alaska

10:30 David Yesner, Michael Farrell and Daniel Monteith—Caribou Exploitation Dynamics and Antler Tool Production in Late Thule Occupation of the Kvichak River Drainage, SW Alaska
10:45 Cynthia Zutter—Digging Deep or Just Scratching the Surface: Challenges and Successes with Labrador Inuit Archaeobotany
11:00 Shelby Anderson, Shannon Tushingham and Christopher Yarnes—Maritime Adaptations and Arctic Ceramic Technology: Results of Residue Analysis
11:15 Kelly Eldridge, John Darwent and Christyann Darwent—Under Threat of Erosion: Late Prehistoric to Historic Contact Houses near the Native Village of Shaktoolik, Alaska
11:30 Anne Jensen—Nuvuk, Birnirk, Utqiagvik, Walakpa and Beyond: All Those Sites Will Soon Be Gone
11:45 Lisa Hodgetts, Colleen Haukaas and Laura Kelvin—Delivering on the Promise: Mobilizing Knowledge in the Ikaahuk Archaeology Project

[303] SYMPOSIUM MURAL PAINTING AND THE ANCIENT AMERICAS
Room: Golden Gate 8
Time: 8:00 AM - 12:00 PM
Chairs: Victoria Lyall and Lisa Trever

Participants:
8:00 Victoria Lyall—Painting Ourselves out of a Corner: Considerations on the Medium
8:15 Heather Hurst—Revisioning the Relationship between Man and Jaguar: A Reassessment of the Olmec Paintings of Oxtotitlán, Guerrero, Mexico
8:30 William Saturno—Presenting Order: Painting as Mythic Past and Mathematical Future in the Murals of San Bartolo and Xultun, Guatemala
8:45 Franco Rossi—Sabios in Situ: Art-Making and Representing Authority at Classic Period Xultun
9:00 Nancy Deffebach—Beyond Surrealism: The Anthropological Sources of Leonora Carrington's "El mundo mágico de los mayas" (1964)
9:15 Gabriela Uruñuela and Patricia Plunket—The Virtual Reconstruction of "Los Bebedores Mural" from Cholula, Puebla, México
9:30 Véronique Wright—Archaeometry and Mural Paintings in Ancient Peru: A Transdisciplinary Approach to Apprehend the Prehispanic Artisan Painters
9:45 Julie Solometo—Painting as Process: The Context of Mural Production in the Puebloan Southwest
10:00 Questions and Answers
10:15 Ricardo Morales Gamarra—Mureles prehispánicos en la costa
norte del Perú: la imagen del poder y el poder de la imagen
10:30 Cherra Wyllie—Classic Veracruz Mural Painting
10:45 Susan Milbrath and Carlos Peraza Lope—Postclassic Murals of Mayapan as a Mirror of Cultural Transformation
11:00 Tamara Bray—Archaeology, Identity and Art: The Caranqui Murals of Ibarra, Ecuador
11:30 Gabrielle Vail—Gender Ideologies in Zapatista Maya Murals and Postclassic Mural Programs from the Eastern Maya Seaboard
11:45 Lisa Trever—Discussant

[304] SYMPOSIUM ■ SOCIETY AND ECONOMY IN THE HOHOKAM WORLD: NEW EVIDENCE AND INSIGHTS FROM CANAL SYSTEM 2, PHOENIX, ARIZONA
Room: Yosemite B
Time: 8:00 AM - 12:00 PM
Chairs: Christopher Garraty and Michael Lindeman

Participants:
8:00 Gary Huckleberry—Stratigraphic Evidence for Large Floods in Canal System 2, Phoenix, Arizona
8:15 Jerry Howard—Modeling Water Allocation and Scheduling in Canal System 2
8:30 Robert Hunt and Scott Ingram—Towards a Food Production Calendar for the Lower Salt Valley
8:45 T Kathleen Henderson—Archaeology at the Head of Canal System 2, Phoenix, Arizona
9:00 Christopher Garraty—Settlement Dynamics in the Margins of Hohokam Villages in Canal System 2: Recent Investigations at La Ciudad
9:15 Mark Hackbarth—Canal System 2’s Architecture, Chronology and Irrigation during the Pioneer Period
9:30 Michael Lindeman and Connie Darby—Settlement Structure at La Villa: A Preclassic Hohokam Village
9:45 Leslie Aragon—We’ve Gotta Get Out of this Place: Formation and Resettlement of a Pre-Classic Hohokam Village
10:00 Douglas Craig, John Marshall and Brent Kober—From La Villa to Pueblo Grande: Corporate Descent Groups and Property Rights Along Canal System 2
10:15 Glen Rice—The Interaction of Hohokam Ideology and Religious Beliefs in the Hohokam Practice of Dual Cemeteries
10:30 Sophia Kelly—Evaluating Multi-Sector Supply and Demand on Canal System 2 as a Component of a Complementary Hohokam Economy
10:45 Christopher Watkins—Hohokam Fieldhouses and Agricultural Labor
11:00 Mary Ownby and James Heidke—Chronological Changes in Pottery Production in the Phoenix Basin: Evidence from La Villa
11:15 Joshua Watts—Pots, Middlemen, and the "Shopkeeper" Hypothesis in the Hohokam Sedentary Period
11:30 Henry Wallace—Discussant
11:45 David Abbott—Discussant

[305] **SYMPOSIUM | ARCHAEOLOGICAL APPROACHES TO SUBJECTIFICATION**
Room: Imperial Ballroom A
Time: 8:00 AM - 12:00 PM
Chair: Steve Kosiba

**Participants:**
8:00 Steve Kosiba—Killing Time, Becoming Inca: Subject Creation and Monument Construction in Ancient Cuzco
8:15 Susan Gillespie—Blocks, Bricks, and Material Practices of Inter-Subjectification at La Venta, Mexico
8:30 Mary Weismantel—Drinking Power: Moche Tombs as Sites of Subjectification
8:45 Melissa Rosenzweig—The Negotiation of Political Subjectivity in the Neo-Assyrian Empire
9:00 John Janusek—The Earthly Production of Fleshy Subjects in the South-Central Andes
9:15 Melissa Baltus, Sarah Baires and Timothy Pauketat—Religious Subjects and Gendered Transformations at the Native American City of Cahokia
9:30 Nathaniel VanValkenburgh—Gardens and Forking Paths: A Genealogy of Landscape and Subject Formation in the Zaña Valley, Peru
9:45 Diana Loren—Defining and Divining the Healthy Body: Materialities of Body and Wellness in the 18th Century Spanish New World
10:00 Francois Richard—What’s an (Archaeological) Peasant? Notes on Rural Subjectivities in Atlantic Africa
10:15 Mark Hauser—Water, Hospitality and Difference in Everyday Life
10:30 Barbara Voss—Subjectification and the Archaeology of...
Saturday Morning, April 18

Violence: The 19th Century Anti-Chinese Movement in San Jose, California
10:45 Stacey Camp—The Archaeology of First Generation Japanese American Men at an Idaho WWII Internment Camp
11:00 Mark Leone—The Spirit of Wye House
11:15 Questions and Answers
11:30 Adam Smith—Discussant
11:45 Rosemary Joyce—Discussant

SYMPOSIUM  CONTEXTUALIZING MAYA HISTORY AND ARCHAEOLOGY PART I: REFLECTIONS ON THE 25TH ANNIVERSARY OF FOREST OF KINGS
Room: Continental Ballroom 5
Time: 9:00 AM - 12:00 PM
Chair: M. Kathryn Brown

Participants:
9:00 Frank Reilly and David Freidel—Middle Formative Origins of the Early Classic Period Stela Cult
9:15 Jaime Awe—The Evolution of Anthropomorphic Imagery at Cahal Pech, Belize and its Implications for the Rise of Kingship in the Middle Preclassic Maya Lowlands
9:30 Debra Walker—Branching Out: Cerro Maya as a Strategic Link in a Preclassic Maya Exchange Network
9:45 M. Kathryn Brown and Jason Yaeger—The Coming of Kings in the Belize River Valley
10:00 Francisco Estrada-Belli—The Rise and Fall of Maya Kingdoms in the Holmul Region
10:15 Questions and Answers
10:30 Olivia Navarro-Farr, Francisco Castaneda, Griselda Perez and Juan Carlos Perez—A Forest of Queens: The Legacy of Royal Calakmul Women at El Perú-Waka’s Central Civic-Ceremonial Temple
10:45 Michelle Rich—From A Forest of Kings to the Forests of Petén: The Mirador Group at El Perú-Waka’
11:00 Marcello Canuto—From "Star Wars" to Attack of the Kaan
11:15 Stanley Guenter—On the Fall of Copan, Teotihuacan, and the Origins of the Fate of 8 Ahau
11:30 Annabeth Headrick—Empire at Chichen Itza Revisited
11:45 Kathryn Reese-Taylor and Julia Guernsey—Situating the Narrative Style and Legacy of A Forest of Kings
[307] **GENERAL SESSION • ARCHAEOLOGIES OF IDENTITY AND HUMAN EXPERIENCE IN THE PAST**  
**Room:** Golden Gate 6  
**Time:** 9:45 AM - 12:00 PM  
**Chair:** Caroline Gabe  

**Participants:**  
9:45 Elliot Lopez-Finn—Defining the Red Background Style: The Production of Object and Identity in an Ancient Maya Court  
10:00 Colin LeJeune—Local Earthenware Ceramic Decoration and Cultural Transformation on Kenya’s Swahili Coast, AD700–1700  
10:15 Caroline Gabe—A Life in the Mountains: Spanish Identity in 17th c. New Mexico  
10:30 David Rogoff—Combating Researcher Bias in Archaeological Investigations of Identity  
10:45 Ryan Hechler and William Pratt—Representing Difference in the Pre-Columbian Andes: An Iconographic Examination of Physical "Disability"  
11:00 Linda Ziegenbein—Turning a Blind Eye: Thoughts on an Archaeology of Disability  
11:15 Dylan Clark—Believing is Seeing  
11:30 Frank Winchell—The Butana Group in Comparison with the Predynastic and Late Neolithic Groups in the Nile Valley and Adjacent Areas of the Sahel and Sahara: A Look at How Ceramics Can be Used to Differentiate Socioeconomic, Ethnic, and Political Differences  
11:45 Elizabeth DeMarrais—The Materiality of Emotion: Steps Toward Understanding Affective Experience in the South Andes

[308] **FORUM • CARING FOR KNOWLEDGE ON STONE: ROCK ART CO-MANAGEMENT WITH INDIGENOUS AND LOCAL COMMUNITIES**  
*(Sponsored by Indigenous Populations Interest Group and Committee on Native American Relations)*  
**Room:** Golden Gate 7  
**Time:** 10:00 AM - 12:00 PM  
**Moderator:** Sonya Atalay  

**Participants:**  
Connie Reid—Discussant  
Stacy Tchorzynski—Discussant  
Shannon Martin—Discussant  
John Graveratte—Discussant
[309] **SYMPOSIUM** ■ THE STUDY OF BIOLOGICAL MICROREMAINS AS A TOOL FOR RECONSTRUCTING PALEOENVIRONMENT IN HUMAN TRANSITION PERIODS  
**Room:** Union Square 25  
**Time:** 10:15 AM - 12:00 PM  
**Chairs:** Rosa-Maria Albert, Breanne Clifton and Marta Portillo  
**Participants:**
- 10:15  Breanne Clifton—Discussant  
- 10:30  Breanne Clifton, Marta Portillo Ramirez and Rosa Maria Albert—Phytolith Processing Methods and the Affects upon Results  
- 10:45  Cody Dalpra, Linda Scott Cummings, R.A. Varney, Peter Kovácik and Jennifer Milligan—Micro Analyses of 17th Century Adobe Bricks from the “New” Church at Pecos, New Mexico  
- 11:00  Terry Ball, Luc Vrydaghs, Akos Peto, Madison Pierce and AnnaLisa Davis—Identifying Triticeae Taxa in Soil and Ceramic Thin Sections through Morphometric Analysis of Articulated Dendritic Phytolith Wave Patterns  
- 11:15  Luc Vrydaghs, Yannick Devos and Jean-louis Slachmuylders—Does Phytolith Analysis of Archaeological Soil Thin Sections Account for Archaeobotanical Data?  
- 11:30  Alexandre Chevalier, Danièle Lavallée and Michèle Julien—From Foragers to Producers: Desert Gardening at the Archaic Peruvian site of Quebrada de Burros  
- 11:45  Linda Scott Cummings—Discussant

[310] **POSTER SESSION** ■ CALIFORNIA ARCHAEOLOGY  
**Room:** Grand Ballroom A  
**Time:** 10:30 AM - 12:30 PM  
**Participants:**
- 310-a Margie Burton, Patrick Quinn and Rhiannon Byrne-Bowles—Ceramic Distribution, Migration, and Social Interaction at Mine Wash, a Late Prehistoric (1300–200 BP) Seasonal Habitation Site in San Diego County, California  
- 310-b Thomas Garlinghouse, Sarah Peelo, Linda Hylkema and Clinton Blount—Persistence and Change: Evidence from the Indian Rancheria at the Third Mission Santa Clara de Asis  
- 310-c Scott Sunell and Jeanne Arnold—The Antecedents to the Specialized Microdrill Industry on Santa Cruz Island, CA  
- 310-d Emily Long—Elevation, What’s the Point?: A Preliminary Study of Selected Obsidian Projectile Points Collected from Varying Elevations at Sequoia and Kings Canyon National Parks
310-e Alexandra Cox—The UseWear Analysis of the Blue Lake Museum Lithic Collection
310-f Mark Everett, Timothy S. de Smet, Robert Warden, Tanya Komas and Jason Hagin—Ground-Penetrating Radar and Terrestrial Laser Scanning Reconstruction of the Prison and Civil War Era Historic Fortifications on Alcatraz Island
310-g Nancy Wiley and Rezenet Moges—Stone Geometrics: An Inclusive Typology Matrix for Californian and Chilean Cogged Stones
310-h Andrew Garrison, Connie "Destiny" Colocho and Nancy "Anastasia" Wiley—Getting into the Groove: Replicating the Southern California Cogged Stone
310-i Connie "Destiny" Colocho, Andrew Garrison and Nancy "Anastasia" Wiley—Identifying Ground Stone Production at Bolsa Chica through Hammerstone Analysis
310-j Kelly Beck—Ecological Baselines, Long-Term Population Histories, and the Zooarchaeological Record

[311] Poster Session— From Colonial to Contemporary: Archaeology of the Recent Past in the United States
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Participants:
311-a Katherine Thomas—A Comparative Analysis of a Potential Tavern Site in Jackson, North Carolina
311-b Hannah Guidry—Archaeological Investigation and Relocation of a Slave Cemetery at the Nashville Zoo, Davidson County, Tennessee
311-c David Cranford and Mary Elizabeth Fitts—Trends in Catawba Architecture, ca. 1750–1820
311-d Raymond Doherty, John F. Lieb and Brad Lieb—Good Fare and Tribal Affairs: The George and Saleechie Colbert Site
311-e Melissa Hallihan and Jenny Fucillo—The Hidden Life of Notre Dame: A Study in Library Graffiti
311-f Colleen Beck, Lauren W. Falvey and Harold Drolling—Protest Graffiti at the Historic Nevada Peace Camp
311-g Kenneth Kelly—"The City’s Gone—Nought…Remaining to Disclose the Site of this Forgotten Babylon:” Ephemeral Architecture and Identity at Black Rock City. (Apologies to Horace Smith; “Ozymandias”)
311-h Susan Edwards and Jeffrey Wedding—Twentieth Century Geoglyphs—Military Training Targets of World War II
311-i Dylan Kemp, Kelly Dixon and Nikki Manning—Urban Landscapes: Social, Cultural, and Ecological Heritage
311-j Amy Margaris, Mark Rusk, Patrick Saltonstall and Molly Odell—The Archaeology of a Russian Period Alutiiq Work Camp on Kodiak Island, Alaska
311-k Kellii Casias and Kelly Dixon—Informal Economic Strategies during Alcohol Prohibition In Anaconda, Montana
311-l Nicholas Kessler—Documenting the Legendary 1844 Flood from a Kaw Village in the Kansas River Valley
311-m Lylliam Posadas Vidales—We Want In on This: Contemporary Queer Archaeology and the Preservation of Queer Cultural History
311-n Casey Hanson—Illicit Trade Networks in Spanish Texas
311-o Heather Trigg and Stephanie Hallinan—Investigating Activities in Spanish Colonial Ranches in 17th-Century New Mexico
311-p Rachel Hensler—Ceramic Variability in the Ocmulgee River Big Bend Region of Georgia, Post 1540

[312] POSTER SESSION
THE HOUSEPIT 54 PROJECT AT BRIDGE RIVER, BRITISH COLUMBIA: ARCHAEOLOGICAL PERSPECTIVES ON DEMOGRAPHY, CULTURAL INHERITANCE, AND HOUSEHOLD HISTORY
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Chairs: Anna Prentiss and Kristen Barnett
Participants:
312-a Anna Prentiss and Kristen Barnett—The Ancient Floors of Housepit 54, Bridge River Site: Stratigraphy and Dating
312-b Nathaniel Perhay, Anna Prentiss, Thomas Foor, Nathan Goodale and Matthew Walsh—One Group or Many? Cultural Inheritance at Housepit 54, Bridge River Site, British Columbia
312-c Sarah Howerton, Anna Prentiss, Thomas Foor, Kristen Barnett and Matthew Walsh—A Demographic History of Housepit 54, Bridge River Site, British Columbia
312-d Matthew Walsh—Variation in Animal Predation and Processing Strategies at the Bridge River Winter Pithouse Village (EeRI4) Thru Time: A Zooarchaeological Analysis of Subsistence Change
312-e Emilia Tifental and Hannah Cail—The Dogs of Housepit 54: A Taphonomic Analysis of Recovered Canine Remains at Bridge River, British Columbia
312-f Antonia Rodrigues, Camilla Speller, Anna Prentiss and Dongya
Yang—Dog Coprolites as a Source of Dietary and Genetic Information at the Bridge River Site, BC

312-g Natasha Lyons, Anna Marie Prentiss, Naoko Endo, Dana Lepofsky and Kristen Barnett—Plant Use Practices of an Ancient St’át’imc Household, Bridge River, British Columbia

312-h Sarah Nowell and Anna Prentiss—Variation in the Lithic Technological Organization Accompanying Household Expansion at Housepit 54, Bridge River site, British Columbia

312-i Lorena Craig—Lithic Raw Materials Procurement and Exchange at Housepit 54, Bridge River Site, British Columbia: What a Diachronic Perspective Reveals

312-j Molly Eimers—The Groundstone Artifacts of Housepit 54, Bridge River Site, British Columbia

312-k Ethan Ryan, Thomas A. Foor, Kristen D. Barnett, Pei-Lin Yu and Matthew Schmader—Household Hearth-Centered Activity Areas at the Bridge River Site, British Columbia: Formation Processes and Site Structure

312-l Kevin Castro, Nathan Goodale, David Bailey, Anna Prentiss and Alissa Nauman—Linking Geochemistry and Geology in Interpreting Anthropogenic Sediments at Bridge River, British Columbia

312-m Kristen Barnett—Housepit 54 through an Indigenous Framework: A Holistic Interpretation of an Ancient Traditional Home

312-n Eric Carlson—Continuity and Change between Late Prehistoric and Early Historic Periods: Visually Reconstructing Two Successive Occupations of Housepit 54 at the Bridge River Village Site, Mid-Fraser Region, British Columbia, Canada

[313] Poster Session • New Perspectives on Early Migrations in the Western Caribbean

Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Chair: Ivan Roksandic

Participants:
313-a Matthew Peros, Amy Daradich and Bill Buhay—Reconstructing Caribbean Paleotopography during the Holocene: Implications for Archaeology and Biogeography

313-b Leonardo Lechado and Sagrario Balladares—Investigaciones arqueológicas en el Caribe Sur Nicaragüense

313-c Sagrario Balladares, Donald Byers and Leonardo Lechado—Proyecto Gran Canal: El patrimonio caribeño nicaragüense
313-d Mirjana Roksandic, Sagrario Balladares, Leonardo Lechado and Donald Byers—The Earliest Dated Skeletal Remains from the Atlantic Coast of Nicaragua

313-e Ivan Roksandic—The Nicaraguan Rise and the Problem of Early Peopling of the Greater Antilles

313-f David Smith—The Contribution of Canimár Abajo, Cuba to an Understanding of Early Populations in the Greater Antilles

313-g Sheahan Bestel—Starch in Cuba

313-h Bill Buhay, Yadira Chinique de Armas, Mirjana Roksandic, Roberto Rodriguez Suarez and David Smith—Bayesian Probability Weaning Age Estimates of Sub-Adults from Canimar Abajo, Cuba

313-i Juan Martinez-Cruzado, Edna Tascon-Penaranda, Francez Curbelo-Canabal, Taras Oleksyk and Esteban Burchard—Admixture in the pre-Columbian Caribbean

313-j Ash Matchett—Ancient DNA Prospecting in the Caribbean: Preliminary Findings and Future Perspectives

313-k Jason Yaremko—Indigenous Migration, Diaspora, and Transculturation in Colonial Cuba

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**Poster Session: Ceramics as Means to Ends and Means of Expression in Terminal Classic Northwestern Honduras**

**Room:** Grand Ballroom A  
**Time:** 10:30 AM - 12:30 PM  
**Chair:** Edward Schortman

**Participants:**

314-a Jacob Griffith-Rosenberger, Reagan Neviska and Chelsea Katzeman—Fashioning Meaning through Ceramic Candeleros in the Terminal Classic Naco Valley, Northwestern Honduras

314-b Edward Schortman and Patricia Urban—Through a Smoke Cloud Darkly: The Possible Social Significance of Candeleros in Terminal Classic Naco Valley Society

314-c Caroline Del Giudice, Patricia Urban and Edward Schortman—Is It Hot Enough Yet? Reconstructing Firing Temperatures for Prehistoric Honduran Ceramics through Re-Firing Experiments

314-d Patricia Urban—Variations in Late and Terminal Classic Ceramic Firing Facilities within Southeastern Mesoamerica

314-e Marne Ausec, Patricia Urban, Jacob Griffith-Rosenberg, Reagan Neviska and Chelsea Katzeman—Birds, Monkeys, and Shapes, Oh My!: Investigating Intersecting Motifs on Ceramic Vessels, Stamps, and Candeleros
[315] **POSTER SESSION** MATERIALITY, EXPERIENCE, AND “IRISHNESS”: THE IRISH AND IRISH-AMERICAN EXPERIENCE THROUGH TIME  
Room: Grand Ballroom A  
Time: 10:30 AM - 12:30 PM  
Chair: Katherine Shakour  
Participants:  
315-a Ryan Lash, Terry O'Hagan, Elise Alonzi, Franc Myles and Anne Wildenhain—A Pilgrimage Lost and Found: Cultivation and the Cult of Saint Leo on Inishark, Co. Galway  
315-b Elise Alonzi, Ryan Lash, Terry O'Hagan, Anne Wildenhain and Ian Kuijt—The Salmon of Knowledge: Determining the Influence of Marine-Derived Isotopes on the Diets of Medieval and Early Modern Irish Populations  
315-c Meagan Conway and Ian Kuijt—Dynamic Households on the Irish Frontier: An Archaeology of the 18th–19th Century West Coast  
315-d Sara Morrow, Ian Kuijt and Katie Shakour—Materialized Mourning: House Wakes and Pipe Use on Inishark and Inishbofin, County Galway, Ireland  
315-e Lauren Couey, Ian Kuijt, Liam Murphy and Max Lopez—Illuminating Invisible Houses: Using Ground-Penetrating Radar and Three-Dimensional Geospatial Modeling to Reconstruct 19th century Irish Homes, Inishark, Co. Galway, Ireland  
315-f Meredith Chesson and Annmarie Lindzy—“Made to Grow Old”: Dressers, Delph, and Island Homes in Western Ireland  
315-g Andrew Webster—Irish Immigration and Urban Transformation in a Boston City Neighborhood  

[316] **GENERAL SESSION** THE STUDY OF LANDSCAPES IN BELIZE: GIS, LiDAR AND VIRTUAL REALITY  
Room: Golden Gate 4  
Time: 10:45 AM - 12:00 PM  
Chair: Jeffrey Vadala  
Participants:  
10:45 Daniel Savage, Gyles Iannone, James Conolly and Jack Barry—Keep your Boots on: LiDAR as a Reconnaissance and Survey Tool on the Vaca Plateau, Belize  
11:00 Erik Marinkovich, Ty Swavely, Spencer Mitchell and Sarah Nicole Boudreaux—Investigating Landscapes in the Maya Lowlands: Integrating Geospatial and Environmental Sciences to Identify Archaeological Features in Northwestern Belize  
11:15 Jack Barry, Gyles Iannone, James Conolly and Dan Savage—
Using GIS to Explore the Strategic Location of Ancient Maya Centers within the Vaca Plateau of Western Belize

11:30 Marisol Cortes-Rincon, Adam Forbis, Erik Marinkovich, Kyle Ports and Robert Foster, Jr.—Geospatial Analysis of Material Procurement and Distribution in the Hinterlands of Northwestern Belize

11:45 Jeffrey Vadala—Using VR Phenomenological Landscape Analysis to Explore Diachronic Ritual Space at Cerros, Belize

[317] GENERAL SESSION
ARCHAEOLOGY OF CENTRAL MEXICO
Room: Yosemite C
Time: 10:45 AM - 12:00 PM
Chair: Tatsuya Murakami

Participants:
10:45 Tatsuya Murakami, Shigeru Kabata, Julieta M. López J., José Juan Chávez V. and Hironori Fukuhara—Early Urbanism in Central Mexico: Preliminary Results of the Tlalancaleca Archaeological Project, Puebla

11:00 Ana Morales-Arce and Norma French—Exploring the Ancient Mitochondrial DNA of Pre-Columbian Populations Inhabiting Basin Mexico during the Post-Classic Period (900–1521 AD)


11:30 Ciprian Ardelean and Juan Ignacio Macías-Quintero—Rockshelters and Caves of Central-Northern Mexico: Archaeological Potential and Limitations, Sources for Paradigms and Landscape Markers

11:45 Luis Gomez-Gastelum—Notas para el estudio de la niñez en el antiguo occidente de México II: El caso de Chupícuaro

[318] SYMPOSIUM
NARRATIVES AND DISCOURSES ON THE FORMATIVE PERIOD: REFLECTIONS AND NEW EPISTEMOLOGIES FROM THE SOUTH CENTRAL ANDES
Room: Union Square 21
Time: 11:00 AM - 12:00 PM
Chairs: Mauricio Uribe and Estefania Vidal Montero

Participants:
11:00 Benjamín Ballester, Estefanía Vidal, Elisa Calás, Constanza Pelegrino and Patricio Aguilera—La materialización de la vida
en comunidad entre los cazadores, pescadores y recolectores marinos que habitaron el litoral del Desierto de Atacama durante los 6000–4000 Cal AP (Norte de Chile)

11:15 Alejandra Vidal Elgueta, Magdalena García, Jorge Razeto, Pablo Mendez-Quirós and Mandakovic Valentina—Agriculturas formativas del desierto tarapaqueño

11:30 Andres Troncoso—Período Formativo como Ontología: una discusión desde los Andes Septentionales (30°Lat. S)

11:45 Estefania Vidal Montero and Uribe Rodríguez Mauricio—The Formative Process as Discourses of Nature and Culture: The Case of Tarapacá, Atacama Desert (Northern Chile)

[319] SYMPOSIUM: NATURAL FORMATION PROCESSES
(Sponsored by Geoarchaeology Interest Group)
Room: Yosemite A
Time: 11:00 AM - 12:00 PM
Chair: Ian Buvit

Participants:
11:00 Brian Ostahowski—Environmental Processes and the Archaeological Record along the Louisiana Coast
11:15 Ian Buvit—Frozen Ground
11:30 F. Scott Worman, Anastasia Steffen and Jeffrey W. Hall—Fires, Landslides, and All Manner of Varmints: Site Formation Processes at High Elevations in the VCNP
11:45 Krista Gilliland and Robin Woywitka—Bring on the Boreal: Site Formation Processes and Archaeological Interpretation in Northern Alberta, Canada

[320] GENERAL SESSION: MODELING SITE LOCATION AND COMMUNITY ORGANIZATION ALONG THE NORTHWEST COAST OF NORTH AMERICA
Room: Union Square 2
Time: 11:00 AM - 12:00 PM
Chair: Darcy Mathews

Participants:
11:00 Bryn Letham—A Refined Relative Sea Level Curve and Paleoshoreline Modelling for the Prince Rupert Harbour Region
11:15 Risa Carlson and James Baichtal—Updates and New Discoveries of Early Holocene Predictive Model Sites in the Southern Alexander Archipelago of Southeast Alaska
11:30 Darcy Mathews—Depositional Practice and Ancestral Presence
11:45  Robert Gustas—Least Cost Analysis of Peopling Events on the Northwest Coast of North America

[321]  GENERAL SESSION • HUMAN ENVIRONMENTAL IMPACTS
Room: Continental Parlor 3
Time: 11:00 AM - 12:00 PM
Chair: Kyle Knabb
Participants:
11:00  Molly Zuckerman, Nicholas Herrmann and Evan Peacock—Quantifying Pre-Industrial to Mid-Late 20th Century Anthropogenic Lead and Mercury Pollution in Caribbean Marine Environments
11:15  Kyle Knabb, Matthew Howland, Tammy Rittenour, Yigal Erel and Thomas Levy—Rethinking The Cultural and Natural Dimensions of Landscape Pollution in the Faynan Valley, Southern Jordan
11:30  Daniel Sosna, Lenka Brunclikova and Tomas Urban—Too Loud a Solitude: Landfills in the Landscape
11:45  Magdalena Schmid—Colonization Models of Iceland: New Archaeological and Environmental Data

[322]  SYMPOSIUM • NOT JUST BLOGGING ARCHAEOLOGY - MEDIA AND SOCIAL MEDIA'S INFLUENCE ON ARCHAEOLOGY
Room: Union Square 13
Time: 11:15 AM - 12:00 PM
Chair: Chris Webster
Participants:
11:15  Chris Webster—The CRM Archaeology Podcast: Podcasting the Profession and Educating the Public
11:30  Brenna Hassett, Suzanne Pilaar Birch, Rebecca Wragg Sykes and Victoria Herridge—Where Does Your Community Live? The TrowelBlazers Experience
11:45  Jamie Stott—Archaeological Education and Public Outreach through Social Media

[323]  SYMPOSIUM • TERMINAL CLASSIC TO POSTCLASSIC IN THE NORTHERN LOWLANDS
Room: Golden Gate 1
Time: 11:15 AM - 12:00 PM
Chair: Dave Johnstone

Participants:
11:15  Dave Johnstone—Round Structures: Their Function(s)
11:30  Karleen Ronsairo—Postclassic Chen Mul Fragments from the Cochuah Region, Quintana Roo, Mexico
11:45  Tatiana Young—Architecture and Its Reflection of State Organization and Settlement Pattern in the Cochuah Region during the Terminal Classic Period

[324] General Session: Ceramic Studies in the Southwestern United States
Room: Continental Parlor 1
Time: 11:15 AM - 12:00 PM
Chair: Meaghan Trowbridge

Participants:
11:15  William Willis and Karen Harry—The Potential Role of Water Salinity in Limestone Tempered Logandale Gray Ware Ceramic Production in the Moapa Valley, Nevada: An Experimental Approach
11:30  Meaghan Trowbridge and Lori Stephens Reed—Looking through the Local Lens: Recognizing Southern Chuska Valley Production of Mesa Verde Style Pottery
11:45  Isabel Starr, James McGrath and Will Russell—Depictions of Human Facial Decoration on Mimbres Pottery as an Indication of Social Affiliation
Saturday Afternoon ■ April 18, 2015

[325] **SYMPOSIUM ■ POST-CONFLICT ARCHAEOLOGY**
**Room:** Continental Ballroom Parlor 9  
**Time:** 1:00 PM - 1:30 PM  
**Chair:** Paul Newson

**Participants:**
1:00 Paul Newson and Ruth Young—The Archaeology of Conflict Damaged Sites: Hosn Niha in the Biqa’ Valley, Lebanon  
1:15 Chris McDaid—Pre-Conflict Planning for Cultural Property Protection in the Event of Armed Conflict

[326] **GENERAL SESSION ■ ARCHAEOLOGY OF THE AMAZON REGION**
**Room:** Union Square 14  
**Time:** 1:00 PM - 2:00 PM  
**Chair:** Fernando Ozorio De Almeida

**Participants:**
1:00 Myrtle Shock and Filippo Stampanoni Bassi—Borderlands in the Amazon Forest: Can We Draw Boundaries?  
1:15 Francisco Antonio Pugliese, Carlos Augusto Zimpel Neto, Thiago Berlanga Trindade, Tiago Hermenegildo and Laura Pereira Furquim—Sol de Campinas Site and the Cultural Variability in Southwestern Amazon: Moundbuilders and Archaeological Earthworks in Acre State—Brazil  
1:30 Carlos Zimpel, Francisco Pugliese, Thiago Hermenegildo, Gabriela Carneiro and Myrtle Shock—Guaporé River: Shell Mounds, Earthworks and the Explanation of the Archaeological Record  
1:45 Fernando Ozorio De Almeida, Guilherme Mongeló and Eduardo Góes Neves—The Archaeology of Meaningful Places in Amazonia: the Teotônio Site (Upper Madeira Basin)

[327] **GENERAL SESSION ■ STUDIES OF ARTIFACTS AND DOCUMENTS IN HISTORICAL ARCHAEOLOGY**
**Room:** Continental Parlor 2  
**Time:** 1:00 PM - 2:15 PM  
**Chair:** Nancy Garner

**Participants:**
1:00 Nicholas Triozzi, Henry Towbin and Glen Keeton—More Than a Rusty Nail: Archaeometric Analysis of Wrought Iron Nails from Fallen Tree, St. Catherines Island, Georgia
Program of the 80th Annual Meeting

Saturday Afternoon, April 18

1:15 Kim Christensen—‘Authenticity, Repurposed’: Mason Jars, Archaeology, and Contemporary Narratives
1:30 Nancy Garner and H. Thomas Foster, II—Interactions with the Lower Creek: Historic Document Quantification
1:45 Martin Schmidheiny—Seeing Red: Characterizing Historic Bricks at Sylvester Manor, Shelter Island, New York 1652–1735
2:00 Jennifer Stuck, Claudio Carini, Beatrice Villagomez and Jerry Moore—Penetrating the Old Woman’s Gun: A GPR and Artifact Analysis of a Mexican American War Battlefield Site

[328] SYMPOSIUM MIGRATION AND MOBILITY IN THE NEW WORLD
Room: Continental Ballroom Parlor 8
Time: 1:00 PM - 2:45 PM
Chairs: Jessica Stone and Adrianne Offenbecker
Participants:
1:00 Adrianne Offenbecker, Jane H. Kelley and M. Anne Katzenberg—The Relationship between Violence and Geographic Origins at Casas Grandes, Chihuahua, Mexico: Preliminary Results from Strontium Isotope Analyses
1:15 Neill Wallis and Thomas Pluckhahn—Assessing Mobility and Social Interactions through Integrated Analyses of Complicated Stamped Pottery in the American Southeast
1:30 Linda Bentz and Todd J. Braje—Fighting the Tigers: Chinese Mobility as Resistance during the Exclusion Era
1:45 W. Haas—Forager Mobility in Constructed Environments
2:00 Jessica Stone, Dennis O’Rourke, Justin Tackney, John Krigbaum and Scott Fitzpatrick—Prehistoric Population Mobility in the Caribbean: Genetic and Isotopic Investigations at Grand Bay, Carriacou, West Indies
2:15 Michelle LeFebvre, Birgitta Kimura and Susan deFrance—Pre-Columbian Human Mobility and Interaction in the Caribbean: A Zooarchaeological and Ancient DNA Study of Guinea Pigs
2:30 John Krigbaum—Discussant

[329] DEBATE ARTIFACT IDENTIFICATION AS OUTREACH
(Sponsored by Public Archaeology Interest Group and the Committee on Ethics)
Room: Union Square 13
Time: 1:00 PM - 3:00 PM
Moderator: Meredith Langlitz
Participants:
Charles Ewen—Discussant
Sarah Miller—Discussant
Amalia Perez-Juez—Discussant
Bonnie Pitblado—Discussant
William Reed—Discussant

[330] **FORUM • OUT IN THE FIELD: QUEER EXPERIENCES AND CHALLENGES IN ARCHAEOLOGY**  
*Sponsored by Queer Archaeology Interest Group*  
**Room:** Golden Gate 4  
**Time:** 1:00 PM - 3:00 PM  
**Moderators:** R. Kyle Bocinsky and Ann Danis

**Participants:**
Anna Prentiss—Discussant  
Dawn Rutecki—Discussant  
David Ellis—Discussant  
Eleanor King—Discussant  
Kelsey Reese—Discussant  
Shawn Lambert—Discussant  
Terry Hunt—Discussant

[331] **GENERAL SESSION • ARCHAEOLOGY AND ZOOARCHAEOLOGY IN THE MIDWEST AND GREAT LAKES REGION**  
**Room:** Yosemite B  
**Time:** 1:00 PM - 3:00 PM  
**Chair:** Kyra Pazan

**Participants:**
1:00 G. Logan Miller—Perishable Technology in the Great Lakes Region during the Late Pleistocene: Evidence from Microwear Analysis  
1:15 Mackenzie Miller—A Re-Evaluation of Oneota Cultural Phases in the La Crosse Locality  
1:30 Jennifer Picard and Rachel McTavish—Ecology, Culture, Conflict and Diet: Comparisons of Two Late Prehistoric Sites in Southeastern Wisconsin  
1:45 Kyra Pazan and Robert A. Cook—Diet at the Edge of Fort Ancient: Preliminary Faunal Analysis from an Unusually Positioned House at the Guard Site, Dearborn County, Indiana  
2:00 Beverley Smith—Loon, Fish, and Beaver: Inland Lake Subsistence and Settlement from the Northern Lower Peninsula of Michigan

2:30  Allison Byrnes, Allen Quinn and David Pedler—The Ripley Site Midden: Iroquoian Refuse Disposal in Chautauqua County, Western New York

2:45  Jason King, Jason Herrmann, Jane Buikstra and Taylor Thornton—Ground-Penetrating Radar Survey and Excavation of the Golden Eagle (11C120) Embankment

[332]  **GENERAL SESSION • BIOARCHAEOLOGY AND MORTUARY ARCHAEOLGY IN EUROPE**

**Room:** Golden Gate 6  
**Time:** 1:00 PM - 3:15 PM  
**Chair:** Rachel Scott

**Participants:**

1:00  Jess Beck—Commingled, Communal and Complex: Reconstructing Iberian Copper Age Mortuary Practices

1:15  Christina Warinner, Jessica Hendy, Camilla Speller and Matthew Collins—Direct Evidence of Milk Consumption from Ancient Human Dental Calculus

1:30  Emily Elizabeth Graff—Garum and Graves: Bioarchaeological Interpretation of Cremations and Mortuary Architecture

1:45  Juliette Mitchell and Gordon Noble—Early Medieval Landscapes of the Dead: The Monumental Pictish Barrows of North-East Scotland

2:00  Matczak Magdalena—Osteobiographies of Two Peculiar Women from Early Medieval Poland

2:15  Amy MacKinnon, Eric J. Bartelink and Nicholas V. Passalacqua—Asturias Across Time and Space: An Exploration of Medieval and Early Modern Spain Using Stable Isotopes

2:30  Niamh Daly—Till Death Do Us Part: A Bioarchaeological Investigation of Female Kinship Ties in Early Medieval Ireland

2:45  Rachel Scott and Finola O’Carroll—Catholic Burial as Native Resistance in Post-Dissolution Ireland

3:00  Brooke Creager—Problematising Religious Transformation: Burial Evidence for the Transition to Christianity

[333]  **GENERAL SESSION • CLIMATE CHANGE AS AN ARCHAEOLOGICAL SUBJECT**

**Room:** Golden Gate 2
Program of the 80th Annual Meeting

Saturday Afternoon, April 18

Time: 1:00 PM - 3:15 PM  
Chair: Scott Ingram

Participants:
1:00  Jordan Myers—Holocene Precipitation Variability in Northern Baja California: Correlating Lithic Abundance and Climatic Change from Scorpion Shelter
1:15  Margo Schwadron—Battling the Rising Sea: Investigation and Protection of Turtle Mound, Castle Windy and Seminole Rest Shell Mound Sites
1:30  Jeffrey Baker—Population, Climate Change, and Agriculture in the Late First Millennium C.E. Maya Lowlands
1:45  Joseph Gingerich, William Childress, Daniel Wagner and Michael Johnson—Archaeological and Geomorphic Investigations of Paleoindian Sites near Smith Mountain, VA
2:00  Elizabeth Olson, Justin Dodd and Mario Rivera—Tree Ring Isotope Record of Climate Change at the Ramaditas site in the Atacama Desert of Northern Chile
2:15  Laura Crawford—Thule Response to Climate Change at Cape Espenberg, Alaska, CE 1500–1700
2:30  Ashley Smallwood, Thomas Jennings, David Anderson and Jerald Ledbetter—Testing for Evidence of Paleoindian Responses to the Younger Dryas in Georgia
2:45  Jay Franklin, Maureen Hays, Frédéric Surmely, Lucinda Langston and Ilaria Patania—Migration Terminus? Late Pleistocene/and Early Holocene Archaeology at Rock Creek Mortar Shelter, Upper Cumberland Plateau, Tennessee
3:00  Scott Ingram—How Archaeologists Can Identify Human Resilience and Vulnerability to Climatic Conditions

[334]  Symposium Engaging with the Public and the Past: The Archaeological Legacy of Brian Fagan
Room: Yosemite C
Time: 1:00 PM - 3:30 PM
Chairs: Danielle Kurin and Amber VanDerwarker

Participants:
1:00  Chris Scarre—The Comparative Archaeology of the Channel Islands
1:15  Karen Schollmeyer and Scott Ingram—Farmers’ Responses to Resource Stress and Climate Change in the Prehistoric US Southwest
1:30  Douglas Kennett—Past and Present Human Response to Drought in the American West
1:45  Daniel Sandweiss—Floods, Famines, and Fagan: Recent Research on El Niño in the Age of Andean States and Empires
2:00  Stuart Smith—Gift of the Nile? Climate Change and the Origins and Interconnections of Egyptian Civilization within Northeast Africa
2:15  Vernon Scarborough—Crosscultural Archaeology and the Role of the Tropics in Informing the Present
2:30  Ian Lindsay—Shifting Human-Environmental Interactions in the Late Prehistoric Periods of Southern Caucasus
2:45  Andrew Moore—Brian Fagan, Climate Change and Us
3:00  Arlene Rosen—Climates of History in Ancient China: Lessons from Deep-Time and Cross-Cultural Perspectives
3:15  Brian Fagan—Discussant

[335]  SYMPOSIUM FROM HOUSEHOLDS TO COMMUNITIES: BRIDGING SCALES IN SEARCH OF CONFLICT, COALESCE, AND COMMUNITAS
Room: Plaza A
Time: 1:00 PM - 3:30 PM
Chair: Cameron Wesson
Participants:
1:00  Cameron Wesson—More than a Matter of Scale: Exploring Relationships between Households and Communities
1:15  Gregson Schachner—Seeking New Metaphors for Communities and Households in the Ancestral Pueblo Southwest
1:30  Lydia Wilson Marshall—Household to Community, Community to Region: A Multiscalar Approach to Identity and Interaction at Two Fugitive Slave Villages in 19th-Century Kenya
1:45  Sarah Kurnick—Discordant Relationships: Household and Community at Callar Creek, Belize
2:00  Matt Peeples—Scales of Identity and Scales of Analysis in Western New Mexico
2:15  Patrick Ryan Williams—Andean Irrigation Communities: A Comparative Study of Household and Society in Ancient Peru
2:30  Anne Underhill—Urbanization and Ceramic Change: An Exploration of the Relationship
2:45  Elizabeth Konwest—Where We Live: Houses, Households, Barrios, and Towns in Postclassic Oaxaca
3:00  Rahul Oka—Predatory Commerce, Elite Competition: Economic Conflict and the Downfall of Elite Communitas in the Port of Mtwapa, Kenya, 1600–1750 CE
3:15  Adam King—Exploring Community Creation at the Mississippian
Program of the 80th Annual Meeting

Saturday Afternoon, April 18

site of Etowah (9Br1)

[336] SYMPOSIUM

COLLABORATIVE AND COMMUNITY ARCHAEOLOGY

Room: Union Square 25
Time: 1:00 PM - 3:30 PM
Chair: Charles Bello

Participants:

1:00 Charles Bello—Collaborative and Community-Based Archaeology (Heritage)—Introduction to the Session and Some Views on Successfully Partnering with Indigenous and Local Communities

1:15 Katharine Ellenberger—Collaborative Archaeologies in Transformation: Preliminary Results from a Social Network Analysis of Archaeological Practice

1:30 David Guilfoyle—Local Contexts, Global Application—A Comparative Analysis of Collaborative and Community Archaeology Projects in Western Australia, British Columbia and Alaska

1:45 Debra Corbett, Edward DeCleva, Dara Glass, Alexandra Lindgren and Sherry Keim—Federal Agency and Alaska Native Co-Management of the Sqilantnu Archaeological District, Alaska

2:00 Howard Higgins—Consultants Are People Too: Meaningful Consultation and Archaeology

2:15 James Herbert and Sean P. Connaughton—Minding the Ideological Gap in Consulting Archaeology

2:30 Jennifer Lewis—Applying North American Approaches to Community Archaeology in Khirbet al-Mukhayyat, Jordan

2:45 Stephanie Huddlestan, Amanda Marshall and Jenny Lewis—On the Front Line: Collaborative Archaeology between CRM Archaeologists, Academics and First Nations Communities

3:00 Robert OBoyle, Conrad Fisher and Erich Longie—CRM as Heritage in Communities on the Great Plains: Northern Cheyenne and Spirit Lake Nations

3:15 Carolyn Dillian—Discussant

[337] SYMPOSIUM

HUMAN-ENVIRONMENT INTERACTIONS & HUMAN ECOCULTURE IN WESTERN ARCTIC PREHISTORY

Room: Continental Parlor 3
Time: 1:00 PM - 3:30 PM
Chair: Rick Knecht, Kate Britton and Charlotta Hillerdal

Participants:
1:00 Rick Knecht—Prehistory and Climate Change in Southwest Alaska
1:15 Maanasa Raghavan and Eske Willerslev—The Genetic Prehistory of the New World Arctic
1:30 Michael Farrell, Daniel Monteith and David Yesner—The Moose Hill Site: The Dynamic Interplay of Climate Change, Marine Productivity, Volcanism, and Cultural Transitions on the Kvichak River, Bristol Bay, Alaska
1:45 Kate Britton, Ellen McManus, Rick Knecht, Olaf Nehlich and Mike Richards—Stable Isotope Analysis of Permafrost-Preserved Human Hair and Faunal Remains from Nunalleq, Alaska: Dietary Variation, Climate Change and the Pre-Contact Arctic Food-Web
2:00 Paul Ledger and Veronique Forbes—What Can Archaeobotanical Remains from Exceptionally Well Preserved Contexts Tell Us About Past Arctic Life-Ways?
2:15 Ana Jorge, James Conolly and Rick Knecht—Soils, Plants and Animals in the Making of Hunter-Gatherer Pottery in Coastal Alaska
2:30 Véronique Forbes, Kate Britton and Rick Knecht—Beetle, Lice and Flea Sub-Fossils as Evidence for Resource Exploitation, the Use of Space and Ecological Conditions at the Pre-Contact Eskimo Site of Nunalleq, South-Western Alaska
2:45 Charlotta Hillerdal—Nunalleq Past and Present—Discovering a Yup’ik Archaeological Heritage
3:00 Warren Jones—Archaeology and Cultural Preservation: A Perspective from a Yup’ik Village
3:15 Questions and Answers

[338] **GENERAL SESSION ● MESOAMERICAN RITUAL, ICONOGRAPHY AND MORTUARY ARCHAEOLOGY**
**Room:** Golden Gate 8
**Time:** 1:00 PM - 3:30 PM
**Chair:** Erin Thornton

**Participants:**
1:00 Cameron Griffith and Brent Woodfill—All the Underworld’s a Stage: Ancient Maya Ritual Stages of Xibalba
1:15 Lorraine Williams-Beck—The Center as Cosmos in Early Colonial Period Campeche
1:30 Clarissa Cagnato, Olivia Navarro-Farr, Griselda Pérez and Damaris Menéndez—Feeding the Gods, Calling the Rains: Archaeobotanical Remains from a Monumental Fire Shrine at El
Perú-Waka’, Guatemala
1:45 Juan Melendez—The Rebirth Of The Maize God: Contextualizing Burial 37 from El Perú-Waka’
2:00 Erin Thornton and Arthur Demarest—At Water’s Edge: Ritual Maya Animal Use in Aquatic Contexts at Cancuen
2:15 Bradley Russell—Of Cenotes and Serpents: Modern and Ancient Cave Ritual at Mayapán, Yucatán, Mexico
2:30 Claudia Garcia-Des Lauriers—Masking Practices and Layered Identities in Offering 1 from Los Horcones, Chiapas, Mexico
2:45 Kirk Straight—in this Chapel of Ritual: The Life and Death of Temple XIX at Palenque, Chiapas
3:00 Anna Novotny, Jaime Awe, Catharina Santasillia and Kelly J. Knudson—Bioarchaeological Analysis of an Ancient Maya Ancestral Context at Cahal Pech, San Ignacio, Belize
3:15 Victoria Ingalls—The Power and Narrative of Liminality: The Quadripartite Badge in Maya Iconography


**Room:** Continental Ballroom Parlor 7
**Time:** 1:00 PM - 3:45 PM
**Chairs:** Catherine West and Courtney Hofman

**Participants:**
1:00 Courtney Hofman, Torben Rick and Jesus Maldonado—Tracking Translocations: Interdisciplinary Approaches to Animal Translocations on the California Channel Islands
1:15 Jean-Denis Vigne—Islands and Invasives: The Archaeology of Plant and Animal Translocations
1:30 Jillian Swift and Patrick Kirch—The Rat’s-Eye View: Tracing the Impacts of the Human-Introduced Pacific Rat (Rattus Exulans) on Mangareva through Stable Isotope Analysis and Zooarchaeology
1:45 Lisa Matisoo-Smith—The Complexities and Implications of Animal Translocations in Pacific Prehistory
2:00 Kristina Douglass—Early Human-Environment Dynamics on the Southwest Coast of Madagascar
2:15 Naomi Sykes and Holly Miller—Animal Diaspora and Culture Change
2:30 Lee Newsom and Lourdes Pérez Iglesias—Ancient Caribbean-Mainland Plant and Animal Translocations: Cultural, Biogeographic and Biodiversity Legacy
2:45 Catherine West, Courtney Hofman and Steven Ebbert—Invasive
or Endemic? Management Implications of Archaeological Data in the Alaska Maritime National Wildlife Refuge

3:00 George Hambrecht—Discussant
3:15 Rosemary Gillespie—Discussant
3:30 Questions and Answers

[340] SYMPOSIUM ■ SOUND OF THEORY
Room: Golden Gate 1
Time: 1:00 PM - 3:45 PM
Chairs: Alice Kehoe and Peter Schmidt

Participants:
1:00 Alice Kehoe—Introduction: Evidence-Based Practice versus Ivory Tower Careers
1:15 Jonathan Walz—Healing Archaeology
1:30 Philip Kohl—Silence and Noise in the Archaeological Record: Are Archaeological Understandings Always Underdetermined?
1:45 George Nicholas—“Knowledge without Action...”: Shifting Frames of Reference in Archaeology Theory and Practice
2:00 Audrey Horning—Empirical Honesty and the Ethical Role of Archaeologists in Divided Societies
2:15 Peter Schmidt—Co-Practice amongst Non-Western Peoples: Abandoning Theory at Center Stage
2:30 Jagath Weerasinghe—Conserving the Buddhist Stupas and Religious Nationalism in Sri Lanka
2:45 Carole Crumley—Whose Ancestors, les Gaulois?
3:00 Koji Mizoguchi—Contextualizing the Theory of Archaeological Theorization
3:15 Stephen Mrozowski—Empirical Imperialism and the Development of Indigenous Archaeologies
3:30 Dr. Kathryn Arthur—Instigating Technological Knowledge through an African Ontology

[341] SYMPOSIUM ■ EXTREME ALPINE FORAGING: EXPLAINING HIGH ALTITUDE RESIDENCES IN THE GREAT BASIN
Room: Continental Parlor 1
Time: 1:00 PM - 3:45 PM
Chair: David Thomas

Participants:
1:00 Robert Bettinger—White Mountains Alpine Village Pattern
1:15 David Thomas—Alpine Adaptive and Paleoenvironmental Change at Alta Toquima (Central Nevada)
1:30  David Rhode—Plant Resources in Great Basin High Altitude Foraging
1:45  Mark E. Basgall and Bridget Wall—High Elevation Archaeology of the Inyo Mountains in Relation to Adjacent Ranges
2:00  Christopher Morgan, Mark Giambastiani, Robert Bettinger and Marielle Black—Environmental Limitations, Alpine Villages and Logistical Strategies in the Northern White Mountains
2:15  Michael Delacorte and Mark E. Basgall—More Than a Bivouac, Less Than a Village: Middle Archaic Use of Great Basin Alpine and Other Uplands
2:30  William Hildebrandt and Kelly McGuire—Middle Archaic Expansion into High Elevation Habitats: A View from the Southwestern Great Basin
2:45  Tod Hildebrandt—Divergent Histories: Prehistoric Use of Alpine Habitats in the Toquima and Toiyabe Ranges, Central Great Basin
3:00  Shannon Goshen and Jacob L. Fisher—Bighorn Sheep Processing in the White Mountains, California
3:15  Richard Hughes—Looking at High-Altitude Obsidian Use in the Great Basin
3:30  Jason Edmonds—Obsidian Sourcing and the Origin of the Occupants of the White Mountains High Altitude Villages

[342]  Symposium: Bedrock Features (Mortars, Slicks and Grooves): Documentation, Analysis and Interpretation
Room:  Union Square 21
Time:  1:00 PM - 3:45 PM
Chairs:  Elizabeth Lynch, Danny Rosenberg and Dani Nadel

Participants:
1:00  Danny Rosenberg and Dani Nadel—Bedrock Features and Cupmarks-Bearing Boulders: An Overview of a Natufian and PPNA Phenomenon
1:15  Sagi Filin, Vera Miller, Danny Rosenberg and Dani Nadel—Intra- and Inter-Site Geometrical High-Resolution Analyses of Deep Natufian Bedrock Mortars
1:30  Dani Nadel, Margie Burton, Jenny Adams, Mark Willis and Laure Dubreuil—Boulders, Outcrops, Caves: A Proposed Method for Documentation of Cultural Landscape Features Demonstrated in San Diego County, California
1:45  Samuel Duwe—Groundstone Shrines of the Pueblo Southwest
2:00  Alison Damick and Severin Fowles—Ground Stone Landscapes of the Ancestral Pueblo World
<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
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<tr>
<td>2:15</td>
<td>Elizabeth Lynch, Tom Noble and Neffra Matthews—Socialized Landscapes of the Southern Plains: Bedrock Ground Stone Surfaces on the Chaquaqua Plateau, Colorado</td>
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<td>2:30</td>
<td>Amanda Castaneda—Methods for Examining and Creating a Typology of Bedrock Features in the Lower Pecos Canyonlands</td>
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<td>2:45</td>
<td>Eli Crater Gershtein, Steve Black, Amanda Castaneda, Tammy Boonasera and Daniel Nadel—Shiny Grooved Surfaces: The Case Study of the Skiles Rockshelter, Lower Pecos, Texas</td>
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<td>3:00</td>
<td>Tammy Boonasera, Jelmer Eerkens, Dani Nadel, Amanda Castaneda and Steve Black—Residues of Ancient Food Preparation in Sheltered Bedrock Features</td>
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<td>3:15</td>
<td>Brian Hayden—Discussant</td>
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<td>3:30</td>
<td>Mary Lou Larson—Discussant</td>
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[343] SYMPOSIUM | HOMOL’OVI: A GATHERING PLACE  
Room: Franciscan CD  
Time: 1:00 PM - 3:45 PM  
Chair: E Adams  

Participants:  
1:00 E. Adams, Samantha Fladd, Richard Lange and Claire Barker—Back in Time: Research at Rock Art Ranch  
1:15 Lisa Young—Community Spaces at Pueblo III Pithouse Villages in Northeastern Arizona  
1:30 Krystal Britt and Richard Lange—The Multi-Kiva Site: A New Perspective on the Pueblo III Period Occupation of the Middle Little Colorado River valley  
1:45 Byron Estes, Claire S. Barker and Vincent M. La Motta—Ceramics and Social Identity at RAR-2: A Pueblo III Period Site Near Winslow, Arizona  
2:00 Claire Barker—Communities of Practice and Corrugated Pottery at Chevelon Ruin  
2:30 Samantha Fladd—Access, Accumulation, and Action: The Relationship between Architectural and Depositional Patterns at Homol’ovi I  
2:45 Saul Hedquist—Ritual Practice and Exchange in the Late Prehispanic Western Pueblo Region: Insights from the Distribution and Deposition of Turquoise at Homol’ovi I  
3:00 Patrick Lyons—Discussant
3:15  William Walker—Discussant
3:30  Michael Schiffer—Discussant

[344]  SYMPOSIUM  CONTEXTUALIZING MAYA HISTORY AND
ARCHAEOLOGY PART II: REFLECTIONS ON THE 25TH ANNIVERSARY
OF FOREST OF KINGS
Room: Continental Ballroom 5
Time: 1:00 PM - 4:00 PM
Chair: Travis Stanton
Participants:
1:00  Arlen Chase and Diane Chase—Seventh Century Star Wars:
Reassessing the Role of Warfare in Shaping Classic Period
Maya Society in the Southern Lowlands
1:15  Damien Marken—Revisiting the Archaeology of Palenque: 25
Years After "The Children of the First Mother"
1:30  Charles Golden and Andrew Scherer—Revisiting Bird Jaguar
and the Sajal of the Yaxchilan Kingdom
1:45  Wendy Ashmore—Macaw Mountain and Ancient Peoples of
Southeast Mesoamerica
2:00  Dorie Reents-Budet—Ideology and Power at Copán, Honduras
2:15  Travis Stanton—Regional Maya Politics in the Late and
Terminal Classic Northern Lowlands
2:30  Traci Ardren—Don Pablo, Cha Chaak Ceremonies, and
Archaeological Interpretation
2:45  Marilyn Masson, Carlos Peraza Lope, Wilberth Cruz Alvarado,
Pedro Delgado Ku and Timothy Hare—Closing the Portal at
Itzmal Ch’en: Termination Rituals at Mayapan
3:00  David Stuart—Discussant
3:15  Jeremy Sabloff—Discussant
3:30  David Freidel—Discussant
3:45  Questions and Answers

[345]  SYMPOSIUM  FOOD GLOBALIZATION IN PREHISTORY
Room: Franciscan AB
Time: 1:00 PM - 4:15 PM
Chair: Xinyi Liu
Participants:
1:00  Loukas Barton—Social Aspects of the Diffusion of Agricultural
Products and Practices
1:15  Dong Guanghui, Ying Yang, Hui Wang, Xiaoyan Ren and Fahu
Chen—The Introduction and Early Utilization of Barley and
Wheat in Gansu and Qinghai Provinces, Northwest China
1:30 Bryan Hanks, Chuenyan Ng, Roger Doonan, Elena Kupriyanova and Nikolai Vinogradov—Redefining Subsistence Practices and Strategies at the Local and Micro-Regional Scales in the Context of Late Prehistoric Trans-Eurasian Food Globalization
1:45 Ofer Bar-Yosef—Discussant

Prospects and Challenges Toward Globalization for Crops in the Eastern Agricultural Complex of North America
2:00 Gayle Fritz—Prospects and Challenges Toward Globalization for Crops in the Eastern Agricultural Complex of North America
2:15 Shuzhi Wang, Zenglin Wang, Xuelian Zhang, Maolin Ye and Linhai Cai—The Use of Inner Bark as Food in Prehistory: A Case Study Based on Roll Carbonized Remains Unearthed from Hulija Site, Qinghai Province, Western China
2:30 Giedre Motuzaite Matuzeviciute and Martin Kenneth Jones—Earliest Direct Evidence of Crop Consumption in the Central Tian Shan (Kazakhstan and Kyrgyzstan)
2:45 Gary Crawford—Discussant

Why Move Starchy Cereals? Stable Isotope Evidence for the Spread of Crops Across Eurasia in Prehistory
3:00 Emma Lightfoot—Why Move Starchy Cereals? Stable Isotope Evidence for the Spread of Crops Across Eurasia in Prehistory
3:15 Natalia Przelomska, Harriet Hunt, James Cockram, Frances Bligh and Martin Jones—Human Dispersal or Environmental Selection? Using Genetics to Decode Diversity in Millet Landraces Across Eurasia
3:30 Penny Jones, Emma Lightfoot, Martin Jones, Tamsin O'Connell and Cameron Petrie—A Climatic Imperative? Testing the Connection between Climate and Crop Adoption in the Indus and the Hexi Corridor
3:45 Diane Lister, Huw Jones, Hugo Oliveira, James Cockram and Martin Jones—West to East—the Spread of Wheat and Barley Cultivation across Eurasia
4:00 Martin Jones—Discussant

[346] SYMPOSIUM: CRAFTING THE TENOCHCANEL IMPERIAL IDENTITY AND STYLE
Room: Golden Gate 3
Time: 1:00 PM - 4:15 PM
Chairs: Emiliano Melgar and Adrian Velazquez

Participants:
1:00 Eduardo Matos Moctezuma—Templo y Palacio, lo Humano y lo Divino en la Producción de Tenochtitlan
1:15 Eulogio Guzmán—Fabricating Political Constituencies, Artistic Production at the Templo Mayor
1:30 Diego Jimenez and Salvador Ruiz-Correa—A New
Classification of Masks from Guerrero Discovered in the Great Temple of Tenochtitlan
1:45 Adrian Velazquez—Crafting the Tenochca Imperial Identity through Manufacturing Shell Objects
2:00 Maria De Lourdes Gallardo—Clothing for the Mexico Gods: Shell Garments from the Great Temple of Tenochtitlan
2:15 Emiliano Melgar—The Jewelers of the Palace Crafting for the Gods: The Lapidary Objects and the Development of the Imperial Technological Style
2:30 Reyna Solis—Spheres of Production of the Lapidary Objects at the Sacred Precinct of Tenochtitlan: The Legitimacy and Extent of the Power of the Aztec Empire
2:45 Niklas Schulze—Copper Bells from the Templo Mayor of Tenochtitlan—Imports or Local Production?
3:00 Heather Edgar and Corey Ragsdale—Origins of the Templo Mayor Skull Masks
3:15 Norma Valentin—The Art of Preserving Skins in the Great Temple of Tenochtitlan
3:30 Naoli Victoria Lona—Copal Offering Objects: Manufactured in Tenochtitlan
3:45 Frances Berdan—The Technology of Aztec Featherworking: Glyphic Clues in the Florentine Codex
4:00 Eduardo Matos Moctezuma—Discussant

SYMPOSIUM ■ LIKE FREJOLES IN A POD: EXAMINING THE CURRENT STATE OF PALEOETHNOBOTANY IN PERU
Room: Golden Gate 7
Time: 1:00 PM - 4:15 PM
Chairs: Katherine Chiou and Lizette Munoz

Participants:
1:00 Guy Duke, Victor Vásquez-Sanchez and Teresa Rosales-Tham—Putting Archaeobotany Under the Microscope: A Case Study for Increased Use of Starch-Grain and Residue Analyses on the North Coast of Peru
1:15 Dana Bardolph—Paleoethnobotany at Cerro la Virgen: Exploring the Lives of People and Plants at a Chimú Town in the Hinterland of Chan Chan
1:30 Katherine Chiou—To Screen or to Float?: Methodological Considerations for Archaeobotanists in Coastal Peru
1:45 Hendrik Van Gijseghem, Giacomo Gaggio and Kevin Vaughn—To Feed the Miner and to Feed the Mine: Some Thoughts on the Macrobotanical Assemblage from Mina Primavera, Nasca
Region, Peru
2:00 Lizette Munoz and Brendan Weaver—Methodological Considerations for Examining the "Slave Diet" at Colonial Wine Producing Estates in Nasca, Peru
2:15 Kirk Costion, David John Goldstein and Lizette Muñoz Rojas—Social Implications of a Maize-Free Botanical Assemblage in Early Middle Horizon Contexts at the Huaracane Site of Yahuay Alta, Middle Moquegua Valley, Peru
2:30 Giacomo Gaggio and Paul Goldstein—"Good to Eat and Good to Think": Interpreting the Role of Plants in the Tiwanaku Temple of Omo M10, Moquegua, Peru
2:45 Matthew Biwer and Donna Nash—A Preliminary Comparison of Paleoethnobotanical Remains from Cerro Baul and Cerro Mejia in the Upper Moquegua Valley, Peru
3:00 Geoffrey Taylor—Middle Formative Plant Use on the Taraco Peninsula, Bolivia
3:15 BrieAnna Langlie—Parsing out Differential Plant Use among Households during a Period of War in Puno, Peru
3:30 Aaron Mayer and Matthew Sayre—Exploring Macrobotanicals of Tenehaha from the Cotahuasi Valley, Peru
3:45 Maria Alejandra Korstanje—Discussant
4:00 David Goldstein—Discussant

[348] SYMPOSIUM THE SHORT AND THE LONG OF IT: COMBINING TIMESCALES
Room: Golden Gate 5
Time: 1:00 PM - 4:15 PM
Chair: Alasdair Whittle

Participants:
1:00 Alex Bayliss—Approaches for Producing Precise Archaeological Chronologies
1:30 Alasdair Whittle, Nenad Tasic, Wolfram Schier, Eszter Banffy and Alex Bayliss—The Long and Short of It: Timescales for Cultural Change and Transmission in the Vinca Complex of SE Europe
1:45 Tim Kohler, Stefani Crabtree and R. Kyle Bocinsky—The Effects of Temporal Coarse-Graining on Inferred Networks of Human Movement
2:00 Eszter Banffy, Anett Osztás, Alex Bayliss and Alasdair Whittle—
A Chronology of Generations? A Site-Based Study from the 6-5th Mill. Settlement and Cemetery of Alsónyék, South Western Hungary

2:15 Scott Ortman—Uniform Probability Density Analysis and Population History in the Tewa Basin, New Mexico

2:30 Seren Griffiths—Modelling the Chronology of Neolithic Ceramics in Eastern France

2:45 Timothy Pauketat and Thomas Emerson—A History of Convergences: Timescales, Temporalities, and Mississippian Beginnings

3:00 Arkadiusz Marciniak—Early Farmers’ House and Household. Interpreting a Bayesian Chronology for the Anatolian and Central European Neolithic


3:30 Derek Hamilton, Colin Haselgrove and Chris Gosden—British Iron Age Settlement Chronologies: A View from Danebury Hillfort

3:45 Eduardo Neves—Discussant

4:00 Questions and Answers

[349] SYMPOSIUM RECENT ADVANCES IN THE SETTLEMENT AND LANDSCAPE ARCHAEOLOGY OF (SOUTH)WEST CHINA AND SOUTHEAST ASIA PART II: THE MICRO PERSPECTIVE OF INTERNAL SETTLEMENT ORGANIZATION AND OBJECT PRODUCTION
Room: Union Square 1
Time: 1:00 PM - 4:15 PM
Chair: Anke Hein

Participants:
1:00 Alice Yao and Zhilong Jiang—Grounding an Underground Survey: Paddy Fields and Monumental Bronze Age Shell-Scapes in the Dian Basin, Yunnan, China

1:15 Richard Ehrich—Sichuan Life Styles—Traditions and Adaptations in Prehistoric Architecture and Settlement Structure

1:30 TzeHuey Chiou-Peng and Jianfeng Cui—Toward a Reconstruction of Early Settlements in Metal Age Yunnan

1:45 Michelle Eusebio—Between Manufacturing and Disposal: The Lives of the Pots in the Neolithic and Metal Age Settlements of Southern Vietnam

2:00 Alison Carter, Miriam Stark, Piphal Heng and Rachna Chhay—Angkorian Residential Patterns: A View from the Trenches
2:15  Francis Allard—Settlement Archaeology in Southeast China during the Han Dynasty: Limitations and Approaches
2:30  Lo Chi Kei—Preliminary Study on Western Han Dynasty Settlements in the Lingnan region
2:45  Yongxian Li—Centers of Power and Ritual: Discussing the Archaeological Remains from Two Large Zhangzhung-Period Settlements on the Tibetan Plateau
3:00  Ran Honglin—The Settlement Remains of Sanxingdui—A Preliminary Study of Chronology and Site Development
3:15  Yu Lei—From Settlement to City: Two Issues Related to Phases I of the Site of Sanxingdui, Southwest China
3:30  Christophe Pottier—Discussant
3:45  Alison Carter—Discussant
4:00  Questions and Answers

[350] **SYMPOSIUM** ADVANCES IN WETLAND ARCHAEOLOGY IN THE AMERICAS
**Room:** Union Square 2
**Time:** 1:00 PM - 4:45 PM
**Chairs:** Eleanor Harrison-Buck and Timothy Beach

**Participants:**
1:00  Eleanor Harrison-Buck—Ancient Maya Wetland Features in the Eastern Belize Watershed
1:15  Colleen Hanratty, Thomas Guderjan, Sheryl Luzzader-Beach, Timothy Beach and Samantha Krause—Understanding the Paleogeography and Maya Ditched Fields along the Rio Hondo, Belize and Mexico
1:30  Timothy Beach, Sheryl Luzzadder-Beach, Samantha Krause, Melissa Bishop and Duncan Cook—Maya Wetland Fields from 2014 and Earlier Coring Evidence
1:45  Samantha Krause, Timothy Beach, Sheryl Luzzadder-Beach and Thomas Guderjan—Maya Wetlands: Natural and Anthropogenic
2:00  Lindsay Duncan and Elizabeth Graham—Waste Not, Want Not: A Multi-Proxy Perspective on Soil Formation at Marco Gonzalez, Ambergris Caye, Belize
2:15  Robert Griffin, Nicholas Dunning, Tom Sever and William Saturno—Linear Features in the Bajo de Azucar, Guatemala: Multiple Origins and Uses
2:30  David Wahl, Lysanna Anderson and Francisco Estrada-Belli—A Late Holocene Environmental Reconstruction from a Wetland in the Northern Holmul Region: Preliminary Results from Laguna
Ek’Naab, Peten, Guatemala

2:45 Maria Bruno—On the Origins of Raised-Field Farming in the Lake Titicaca Basin of the Andes

3:00 John Walker—Forest Islands and Raised Fields in the 2nd Millennium BCE Amazon

3:15 Delphine Renard, Anne Zangerle and Doyle McKey—Ecological Legacies of Pre-Columbian Raised Fields and Their Implications for Agroecosystems Today

3:30 Doyle McKey, Mélisse Durécu, Marion Comptour, Christine Raimond and Axelle Solibiéda—Living Systems of Raised-Field Agriculture in Africa: What Can They Tell Us About Pre-Columbian Systems in the Neotropics?

3:45 Anne Pyburn—Discussant

4:00 Alfred Siemens—Discussant

4:15 B Turner—Discussant

4:30 Questions and Answers

[351] Symposium: Resilience, Sustainability and Collapse in the North Atlantic

Room: Plaza B

Time: 1:00 PM - 4:45 PM

Chairs: Konrad Smiarowski and Ramona Harrison

Participants:

1:00 Brenda Prehal—Missing Bodies and Cat Skeletons: New Perspectives on Ritual in Viking Age Iceland

1:15 Frank Feeley—Cod, Sand & Stone: Proto-Industrial Scale, Medieval, Commercial Fishing at Gufuskalar in Western Iceland

1:30 Seth Brewington—Long-Term Seabird Exploitation in the Faroe Islands

1:45 Thomas McGovern—Hard Times at Hofstadir Iceland: Medieval Climate Impact and Cultural Responses

2:00 Ramona Harrison and Ární Daniel Júlíusson—The Gásir Market and the Möðruvellir Farm: A Cross-Disciplinary Approach to the History of Human Ecodynamics in High Medieval Iceland

2:15 Andrew Dugmore and Richard Streater—Landscape Stability, Environmental Resilience and Anthropocene Transformations in Iceland

2:30 Jago Cooper—Discussant

2:45 Questions and Answers

3:00 Ruth Maher, Julie Bond, Stephen Dockrill, Julie Gibson and Jane Downes—The Orkney Islands: Long-Term Human Ecodynamics and Enduring Culture
3:15 Christian Madsen—Hierarchy and Human Securities in Norse Vatnahverfi, South Greenland —A Case Study
3:30 Jette Arneborg—Vulnerabilities and Failure of Building Resilience in Norse Greenland
3:45 Konrad Smiarowski—Climate Change and Resource Management in Eastern Settlement Norse Greenland: Zooarchaeological Perspective
4:00 Ian Simpson, Konrad Smiarowski, Christian Madsen and Michael Nielsen—Soil Nutrient Management in Norse Greenland
4:15 Jette Arneborg—Discussant
4:30 Margaret Nelson—Discussant

[352] SYMPOSIUM ROCK ART RESEARCH: A REGIONAL ANALYSIS
(Sponsored by SAA Rock Art Interest Group)
Room: Yosemite A
Time: 1:00 PM - 4:45 PM
Chair: Mary Gorden
Participants:
1:00 Reinaldo Morales—From Borinquen to Barbados: A Caribbean Cave Art Ritual Complex
1:15 Michele Hayward, Frank Schieppati and Michael Cinquino—Lesser Antillean Rock Art of the Caribbean: A Regional Perspective
1:30 Joseph Mountjoy—Huichol Symbolism and the Interpretation of Rock Art in the Western Sierra of Jalisco Mexico
1:45 Julio Amador—Animal Symbolism in the Rock Art of the Sonoran Desert
2:00 Jon Harman—Using Rock Art to Infer the Migration of Peoples
2:15 Elanie Moore—"Beyond the Solstice"
2:30 Leigh Marymor and Amy Marymor—Western Message Petroglyphs: Esoterica in the Wild West
2:45 Tim Riley—Revisiting the Stylistic Similarities of Utah’s Barrier Canyon and Texas’ Pecos River Murals
3:00 Sarah Baer—Managing Meaning: Mitigation, Monitoring, and Mentoring at a Rock Art Site in the Uinta Basin, Utah
3:15 Angus Quinlan—Exploring Nevada Rock Art as a Social Landscape
3:30 Kevin Rafferty—The Rock Art of Valley of Fire, Clark County, Nevada
3:45 Alan Garfinkel Gold, Geron Marcom and Don Austin—Religious Symbolism In Eastern California Ghost Dance Rock Paintings
4:00 Ruth Musser-Lopez—Ancestral Abstract Art of the Mojave
Program of the 80th Annual Meeting
Saturday Afternoon, April 18

Desert

4:15 Steve Freers—Pictograph Handprint Analysis in Southern California—Stature and Gender Projections

4:30 Mary Gorden and Devlin Gandy—Beyond Boundaries: A Discussion of "out-of-place" Yokuts and Chumash Motifs

[353] SYMPOSIUM METHODOLOGY AND INTERPRETATION IN THE ARCHAEOLOGY OF ROCK ART:
(Sponsored by Rock Art Interest Group)
Room: Imperial Ballroom A
Time: 1:00 PM - 5:00 PM
Chair: Lenville Stelle

Participants:
1:00 James Keyser—The Hunter's Revenge: Magical Use of a Petroglyph
1:15 David Benn—Cosmograms and Archetype Ancestors at the Pierson Creek & Yaremko Sites, Iowa
1:30 Jan Simek and Alan Cressler—A Regional Perspective on Mud Glyph Cave Art in Southeastern North America
1:45 Anna Roosevelt and Christopher Davis—Doing It the Old-Fashioned Way: Dating Paleoindian Rock Art in Eastern South America
2:15 Meg Berry—Digging Deeper: The Use of Rock Art in Archaeological Contexts to Understand Past Lifeways on Murujuga, Northwest Australia
2:30 Mark Wagner, Kayeleigh Sharp, Go Matsumoto, Mary McCorvie and Heather Carey—Islands in the Stream: A GIS Study of Prehistoric Ritual Landscapes within Southern Illinois
2:45 Ramon Valcarce and Carlos Rodriguez-Rellan—Riders on the Stone
3:00 Genevieve Von Petzinger—Following the Signs: Tracking Geometric Rock Art across the Landscape of Upper Paleolithic Europe
3:15 Esther Jacobson-Tepfer—Documentation of Rock Art Complexes in the Mongolian Altai: From the Unknown to World Heritage Status
3:30 Jodi Reeves Flores and M. Scott Thompson—Managing 'A Mountain' of Rock Art Digital Data
3:45 Jeremy Freeman, Victoria Munoz and Carolyn Boyd—
Saturday Afternoon, April 18

Preserving Our Legacy: Understanding Transformation Processes for Rock Art Conservation
4:00 Erin Pritchard, Johannes Loubsker, Jan Simek and L Mashburn—Tennessee Valley Authority Conservation and Management Initiatives at Painted Bluff, Alabama

4:15 Christopher Goodmaster and Erin Helton—The Panther Cave Digital Documentation and Visualization Project

4:30 Victoria Munoz, Jeremy Freeman and Carolyn Boyd—Taming the Beast: Rock Art Data Management and Archival Strategies

4:45 Margaret Conkey—Discussant

[354] SYMPOSIUM IT'S ABOUT TIME: CONTRIBUTIONS IN HONOR OF THOMAS C. WINDES
Room: Continental Ballroom 6
Time: 1:00 PM - 5:00 PM
Chair: Chip Wills

Participants:
1:00 Richard Wilshusen—Discussant
1:15 Stephen Lekson, Erin Baxter and Catherine Cameron—Architectural Wood Use in Chaco Kivas
1:30 Ronald Towner, Gaylen McCloskey, Benjamin Bellorado and Rebecca Renteria—Tree-Ring Dating the Gallina: The Herb Dick Collections and Beyond
1:45 Richard Vivian—Windes Matters
2:00 Ruth Van Dyke, R. Kyle Bocinsky and Tucker Robinson—Friends in High Places: Windes, Shrines, and Lines of Sight
2:15 William Lipe and RG Matson—Woodrats Rule! Climbing and Coring in Southeast Utah Cliff Dwellings
2:30 Richard Wilshusen and Mark Tobias—Tracing the Growth of Historic Preservation in the U.S. and the Arc of Tom Windes’s Career
2:45 Nancy Akins and John Schelberg—Chaco Legacy Studies: Archival Research, Archeomagnetic Dating, and the Role of Turkeys
3:00 H. Toll—Still High on Pueblo Alto: Tom Windes’ Mounds of Accomplishment
3:15 Cory Breternitz—Tom Windes: Celebrating 40 Years of Innovative Research on the Colorado Plateau
3:30 Benjamin Bellorado—Beyond the Dates: Reconstructing the Social Histories of Southeastern Utah Cliff Dwellings with Tom Windes
3:45 Jacqueline Kocer—An Examination of Gallina Utility Ware:
Vessel Morphology and Function
4:00 Wendy Bustard and Dabney Ford—Windes Was Here
4:15 Elizabeth Bagwell—Methods for the Analysis of Structural Wood and Some Examples from NW Mexico—A Paper in Honor of Tomas C. Windes
4:30 Jeffrey Dean and Ronald Towner—Tom Windes and Southwestern Dendroarchaeology
4:45 Hannah Mattson—The Social Value of Ornaments from Pueblo Bonito and Aztec Ruin

[355] **Symposium: Caves, Sinkholes and Chultuns: New Evidence for the Importance of Earth Openings in Ancient Mesoamerica Religion**
**Room:** Continental Ballroom 4
**Time:** 1:00 PM - 5:00 PM
**Chair:** James Brady

**Participants:**
1:00 Michael Prout—Subadult Human Sacrifices in Midnight Terror Cave
1:15 Cristina Verdugo—Sinking Archaeological Teeth into the Dental Modification Issue: An Examination of Midnight Terror Cave
1:30 Holley Moyes, Shayna Hernandez and Lauren Phillips—Little Finds Big Results: The Utility of Small Artifacts in the Spatial Analyses of Looted Sites
1:45 Allan Cobb and Jeremy Coltman—A Wind from the Depths of the Earth
2:00 Brent Woodfill—The Ritual Reuse of Maya Cave Shrines after Abandonment
2:15 Samantha Lorenz, Brandon Lewis, Toni Gonzalez, Bianca Gentil and Joseph Orozco—The Sinkhole as Ch'een: A Closer Look at Ancient Maya Sacred Geography
2:30 Richard Nicolas—An Analysis of Lithic Production at the La Milpa Sinkhole (RB-25-A5)
2:45 Marilyn Bueno, Ann Scott, Melanie Saldaña and Jocelyn Acosta—Some Methodological Problems with the Study of Non-Urban Caves in Northern Belize
3:00 James Brady and Lili Taleghani-Nia—Landscape Archaeology in Northern Belize: The Need for a Critical Reassessment
3:15 Aliya Hoff, Dominique Meyer, Michael Hess, Fabio Esteban Amador and Dominique Rissolo—Integrative 3D Visualization for Spatial Analysis and Interpretation of Rock Shelters in Quintana Roo, Mexico
Program of the 80th Annual Meeting

Saturday Afternoon, April 18

3:30  Rebecca Sload—Primacy of the Cave at the Sun Pyramid, Teotihuacan
3:45  Daniel Cutrone—The Montezuma Canyon Citadel Complex: A Major Prehistoric Religious Shrine
4:00  Mario Giron-Abrego—Architectural Caves and Glyphic Stepped Platforms
4:15  Jon Spenard—Architectural Ambivalence: An Interpretation of the Nohoch Tunich Bedrock Outcrop Complex, Pacbitun, Belize
4:30  Donald Slater—Hallowed (under)Ground—Ancient Maya Dark Zone Use Patterns in the Subterranean Realm of Yaxcaba, Central Yucatan, Mexico
4:45  Natalia Moragas Segura—Discussant

Room:  Imperial Ballroom B
Time:  1:00 PM - 5:00 PM
Chairs: Naomi Cleghorn and Curtis Marean

Participants:
1:00  Zenobia Jacobs—Pinnacle Point 5-6 and Diepkloof Rockshelter (South Africa): Testing the OSL Ages and Constructing a Standardised MSA Chronology
1:15  Kirsty Penkman, Molly Crisp, Beatrice Demarchi, Matthew Collins and Julia Lee-Thorp—Building a Better Eggtimer: Amino Acid Dating of Ostrich Eggshell from South Africa
1:30  Erich Fisher, Hayley Cawthra, Justin Pargeter and Jan Venter—The P5 Project Archaeological Reconnaissance along the Pondoland Coast, South Africa
1:45  Emily Hallett-Desquez and Curtis Marean—A Comparison of Two African Mediterranean MSA Adaptations: The Cape Floral Region and the Maghreb
2:00  Simen Oestmo, Benjamin Schoville, Jayne Wilkins and Curtis Marean—A Middle Stone Age Paleoscape near the Pinnacle Point Caves, Vleesbaai, South Africa
2:15  Jayne Wilkins, Kyle S. Brown, Simon Oestmo, Telmo Pereira and Kathryn L. Ranhom—A High-Resolution ~110,000 Year Middle Stone Age Lithic Technological Sequence from Pinnacle Point, South Africa
2:30  Benjamin Schoville, Kyle Brown and Jayne Wilkins—Patterns of Lithic Edge Damage from the Open-Air Middle Stone Age Assemblages at Vleesbaai and Oyster Bay, South Africa
2:45  Kyle Brown—Discovering the Trick to Flaking Middle Stone Age
Tools on Quartzite
3:00 Christopher Shelton—Rebound Hardness Results for the Raw Material In and Around Pinnacle Point, South Africa and the Implications Thereof
3:15 Jocelyn Bernatchez and James McGrath—The Ochre Assemblage from Pinnacle Point 5-6
3:30 Panagiotis Karkanas—Micromorphology Reveals Changing Levels of Site Occupation Intensity at Pinnacle Point 5-6
3:45 Aaron Armstrong—Taphonomic Evidence for Human Accumulation of Small Mammals from Pinnacle Point Site 5-6 and Other MSA Sites in South Africa
4:00 Jessica Thompson, Jordan Towers and Christopher Henshawood—Tortoises as Indicators of Diet, Site Formation, and Palaeoenvironments in the Middle Stone Age Record of the Southern African Coast
4:15 Jamie Hodgkins—Variation in Butchering Intensity between Glacial and Interglacial Cycles at Pinnacle Point 5-6
4:30 Naomi Cleghorn, Thalassa Matthews and Christopher Shelton—The Blind Spot: An Early Later Stone Age Perspective on the Agulhas Bank from Knysna Eastern Heads Cave 1, South Africa
4:45 James McGrath—Late Holocene Occupations at the Pinnacle Point Shell Midden Complex

[357] POSTER SESSION ■ PEOPLING OF THE NEW WORLD AND ARCHAEOLOGY OF PALEOINDIANS
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Participants:
357-a Kristy Ely—Paleoindian Occupation in the North Dakota National Grasslands: A Geoarchaeological Analysis of Site Preservation and Land-Use
357-b Susan Kuzminsky—Cranial Morphological Variation among Paleoamerican Skeletons: A Test of the Coastal Migration Hypothesis
357-c Elise Widmayer, Joseph Gingerich and Harry Iceland—A Paleoindian Heavy Stone Analysis at Shawnee-Minisink
357-d Richard Anderson—Paleoindian Archaeology in the Little Missouri Badlands: An Update on Research in the Dakota Prairie Grasslands, North Dakota
357-e Laura Vilsack—Archaeological Investigation of the Stone Feature Located at Area 12, Gault Site Bell County, Texas
357-f Stephanie Stutts—Paleoindian Use of the Western Ouachita
Mountains, Oklahoma
357-g Lauriane Bourgeon—Humans and Carnivores at the Bluefish Cave II (Northern Yukon): Interpretation of the Faunal Remains

[358] POSTER SESSION: ARCHAEOLOGY IN THE WESTERN AND SOUTHWESTERN UNITED STATES
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Participants:
358-a Wesley Bernardini—Sight Communities in the American Southwest
358-b Jacob DeGayner—Advanced Spatial Documentation of Cultural Resources at Southern Arizona National Parks
358-c Jennie Sturm—Using Geospatial Strategies and Ground-Penetrating Radar to Study Sites in the American Southwest
358-e Shane Sparks, Elder James Tait, Daniel Stratton, Grant Novak and Crilly Ritz—Using LiDAR and Relative Elevation Modeling (REM) to Identify and Analyze Archaeologically Sensitive Alluvial Landforms
358-f Laura Hronec, Jeremy Iliff and Philip Watts—Quad Maps: Integration of Archaeological Data in GIS

[359] POSTER SESSION: PREHISTORY OF THE MIDWESTERN UNITED STATES
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Participants:
359-a Elissa Bullion and Jason King—Relatedness and Social Organization at the Ray Site (11BR104): Biological Distance Analysis of a Middle Woodland Ridge Top Cemetery
359-c Caitlin Rankin, John Kelly and T.R. Kidder—Geochemical and Physical Characteristics of Anthropogenic Sediments from Cahokia
359-d Abby Swaim—Documentation of Missouri White-Tailed Deer Chronoclines: Implications for Archaeology, Paleoecology, and
Conservation Biology

359-e Catherine Qualls and Leslie Drane—The Creation of a Comparative Resource for 1000 BCE—1600 CE Indiana Ceramics

359-f Laura Bender—The Search for Little Bow's Village, Cedar County Nebraska

359-g Amanda Bernemann—Oneota Subsistence Practices at the Christenson Site (13PK407)

359-h Rebecca Barzilai—Negotiating Practices at the Emerald Site (11S1): A Case Study of Two Burned Structures

[360] POSTER SESSION \PARCHAEOLOGY OF THE NORTHWEST COAST, ALASKA, AND THE ARTIC
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:
360-a Charles Holmes, Ben Potter, Josh Reuther and Barbara Crass—Archaeology of the Shaw Creek Catchment, Central Alaska
360-c Evan Lewarch, Dennis Lewarch and Stephanie Trudel—Holocene Site Assemblage Structure and Economic Organization In Admiralty Inlet and Puget Sound, Washington
360-d Robert Kopperl, Amanda Taylor, Kenneth Ames and Christian Miss—New Perspectives on Native American Occupation of the Puget Lowlands of Washington during the Late Pleistocene-Holocene transition from the Bear Creek Site (45KI839)
360-e François Lanoë, Pierre Desrosiers, Dominique Marguerie and Daniel Gendron—A Winter at Akulivik: Faunal Analysis of a Thulean House at the Site of Kangiaclallak-1 (Nunavik, Québec)
360-f Maxwell Lopez, Nathan Goodale, Alissa Nauman and Greg P. Lord—Three Dimensional Modeling in Archaeological Interpretation: A Case Study from the Pacific Northwest
360-g Jennifer Kielhofer, Josh Reuther, Francois Lanoë, Dave Plaskett and Jason Rogers—New Carbon-14 (14C) Dates on “Old” Cultural Components Near Quartz Lake, Interior Alaska

[361] POSTER SESSION PLAINS ARCHAEOLOGY
Room: Grand Ballroom A
Saturday Afternoon, April 18

Time: 2:00 PM - 4:00 PM

Participants:

361-a Sarah Trabert, David Hill, Margaret Beck, B. Sunday Eiselt and Jeffrey Ferguson—Not so Exotic After All?: Results from a Characterization of “Puebloan” and “Micaceous” Ceramics from Dismal River Aspect Sites


361-d Houston Martin—Modeling Middle Holocene Site Frequencies in Southeastern Wyoming: Exploring the Early Archaic through Probabilistic Models

361-e Amanda Burtt, Laura Scheiber and Lindsey Simmons—Mountain Shoshone Landscape Occupation of Caldwell Basin, Fremont County, Wyoming

361-f Scott Phillips, Norma Crumbley and Paul Burnett—Exploration of Wind as an Environmental Consideration for Campsite Selection at Holocene Dunes

[362] POSTER SESSION: PREHISTORIC ARCHAEOLOGY IN THE INTERMOUNTAIN WEST
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:

362-a Matthew Stirn, Rebecca Sgouros, Robert Curran, Megan Jones and Connor Johnen—Teton Archaeological Project: Preliminary Report of the 2014 Field Season

362-b Ashley (Grimes) Parker and Brian Codding—Numic Fire: Biogeography of Foragers and Fire in the Great Basin

362-c Kenneth Vernon, Kate Magargal, Ashley Grimes, Will Rath and Brian Codding—Numic Fire: Modeling the Effects of Anthropogenic Fire on Foraging Decisions in the Great Basin

362-d Dayna Giambastiani and Andrea Catacora—Comparative Analysis of Incised Stone Artifacts from Gatecliff Shelter and Ruby Cave, Great Basin, Nevada

362-e Jesse Adams, Michael Ligman and Zach Scribner—Paleoarchaic Occupations in the Eastern Great Basin: Results of GIS Predictive Modeling for Identifying Paleoarchaic Sites in
Southern Nevada

362-f  Nicole Herzog and Anne Thomas—What Can Hogup Cave Starches Tell Us about Diet that We Don’t Already Know? Context, Preservation, and the Comparison of Archaeobotanical Analyses

362-g  Erik Martin, Joan Brenner Coltrain and Brian F. Coddington—Stratigraphic Integrity and Large Game Hunting at Hogup Cave, Utah

362-h  Elizabeth Hora-Cook and Judson Finley—Fremont Farming at the Margins: Assessing Horticultural Potential in Jones Hole Canyon, Utah

362-i  Chester Liwosz—Rock Art Resonance: Preliminary Results of an Experimental Acoustic Study

[363]  **Poster Session: Cultural Resource Management on Military Land**

Room: Grand Ballroom A  
**Time:** 2:00 PM - 4:00 PM  
**Chair:** Heather Abramo

**Participants:**

363-a  Kristen Mt. Joy, Laura Carbajal, David Rolbiecki and Mark Hinojosa—More than a Picture: Experiments in Terrestrial Lidar Documentation in Archaeological and Architectural Management at Texas Army National Guard

363-b  Jennifer Kolise and Pamela Miller—“Got Data, Now What?”: Fort Carson’s Steps Toward Addressing Data Gaps in Archaeological Research

363-c  Heather Abramo and Andrew Wells—“Left Behind”: The Transition of a Farming Community into Camp Atterbury

363-d  Kay Simpson and Brian Glusing—The Capture of John Wilkes Booth

[364]  **Poster Session: Recent Archaeological Research in Petrified Forest National Park**

Room: Grand Ballroom A  
**Time:** 2:00 PM - 4:00 PM  
**Chair:** William Reitze

**Participants:**

364-a  Katrina Erickson and William Reitze—Lithic Landscapes and Basketmaker Villages: An Update of the 2014 Petrified Forest Boundary Expansion Survey
364-b Amy Schott—Understanding Formation Processes of Archaeological Sites in Eolian Settings in the Petrified Forest National Park

364-c Stephanie Mack, R. Sinensky and William T. Reitze—Space and Settlement Across the Painted Desert: Comparing the Land Use Patterns of Precontact Groups at Petrified Forest National Park

364-d Robert (Reuven) Sinensky—All Potted Up: Exploring Seasonality at Small Late Pueblo II and Early Pueblo III Sites at Petrified Forest National Park

364-e Emily Kvamme—Tree-Ring Analysis at Petrified Forest National Park, Arizona

364-f Carlyn Stewart and Gregory Luna Golya—Documenting Lithic Landscapes of Petrified Forest National Park, Arizona

364-g Erina Gruner—Lithic Analysis from the Rainbow Forest Clovis Site

364-h Nicole Kulaga—When in the World? A Comparative Debitage Analysis of Single-component Sites through Time at Petrified Forest National Park

364-i Samantha Linford—Clay Reconnaissance and Suitability Testing within Petrified Forest National Park

364-j Caitlin Ainsworth—13,000 Years of History in 990 Square Feet: Recent Undertakings in Public Archaeology at Petrified Forest National Park

364-k Kathryn Turney—Pot Hunting, Artifact Collection and Site Destruction: A Study of a Multi Generational Pot Hunting Family on the Colorado Plateau

[365] POSTER SESSION: NEGOTIATING MIGRATION AND VIOLENCE IN THE PRE-COLUMBIAN MID-CONTINENT

Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM
Chair: Jodie O'Gorman

Participants:
365-a Jodie O'Gorman, Michael Conner and Nicole Silva—Negotiating Migration and Violence in the Pre-Columbian Mid-Continent: A View from the Village

365-b Timothy Horsley, Michael Conner and Jodie O'Gorman—Understanding Settlement Organization through Geophysical Survey at the Morton Village Site, IL

365-c Andrew Upton, Jodie O'Gorman, Michael Conner and Terrance Martin—The Role of Public Space in Identity Making at Morton Village (11F2)
365-d  Jessica Yann, Jeff Painter and Michael Conner—The Spatial Distribution of Domestic Facilities in the Multiethnic Morton Village Site
365-e  Michael Conner, Jodie O'Gorman and Nicole Silva—Introduction to the DMM-MSU Morton Village Project
365-f  Ryan Maureen Tubbs, Jodie A. O'Gorman, Jeffrey M. Painter and Terrance J. Martin—Negotiating Identity through Food Choice in the Pre-Columbian Mid-Continent
365-g  Frank Raslich, Jodie O'Gorman and Michael Conner—Coming Together: Evidence of Ritual and Public Space as a Mechanism of Social Integration
365-h  Jennifer Bengtson, Jeffrey Painter, Frank Raslich, Nikki Silva and Andrew Upton—Migration and Cohabitation at Morton Village: Future Research Directions

Room: Continental Ballroom Parlor 9
Time: 2:00 PM - 5:00 PM
Chairs: William Fash and Barbara Fash

Participants:
2:00  William Fash and Barbara Fash—New Approaches in Archaeological Research, Heritage Management and Community Engagement for the Copan Valley
2:15  Jorge Ramos—A Sacred and Defensible Hill and the Memory of Ruler 12 in Late Classic Copan, Honduras
2:30  Cameron McNeil, Edy Barrios and Walter Burgos—Identity on the Edge of the Kingdom: the Artifacts, Residences, and Ritual Areas of Rio Amarillo, Copan
2:45  Adelso Canan, Alexandre Tokovinine and Barbara Fash—Aplicación de la topometría digital en conservación e investigación de los monumentos mayas
3:00  Katherine Miller Wolf—A Bioarchaeological Approach to Diversity and Complexity of Ancient Maya Society at Copan: Results from New Strontium and Biodistance Data
3:15  Karina Garcia and Barbara Fash—Exhibiciones fotográficas en el pueblo de Copán Ruinas: Arqueología y Comunidad desde 1890 hasta hoy día
3:30  Kristin Landau—Engaged Investigation: Archaeology within Copán’s Past and Contemporary Neighborhoods
3:45 Isuara Nereyda Alonso, Antonia Martínez and César Antonio Martínez—Retos de la conservación arqueológica: Una vista desde Copan

4:00 Nawa Sugiyama and William L. Fash—Human/Animal Interactions in the Copan Valley from the Beginning to the End of the Copan Dynasty: Stable Isotope Analysis of the Felids from Altar Q and the Motmot Dedicatory Offerings

4:15 Alexis Hartford, Katherine Brunson and Barbara Fash—Re-Discovering the Copan Sub-Stelae Caches: A Collection Stewardship and Re-Identification Project

4:30 Katherine Brunson, Alexis Hartford, Barbara Fash, Hans Bernard and Kym Faull—Residue Analysis of Ceramic Vessels from the Copan Sub-Stelae Cache Offerings

4:45 Ellen Bell—Discussant

[367] SYMPOSIUM CURRENT PERSPECTIVES IN ECUADORIAN ARCHAEOLOGY
Room: Union Square 14
Time: 2:30 PM - 5:00 PM
Chair: Sarah Rowe

Participants:
2:30 Sarah Rowe—Local Communities, Ceramic Use, and the Uneven Development of Social Complexity in the Late Valdivia Period of Coastal Ecuador

2:45 Eric Dyrdahl and Carlos Montalvo—Late Formative Craft Production and Interregional Interaction at Las Orquideas, Imbabura, Ecuador

3:00 Maria-Auxiliadora Cordero, Esteban Acosta and Paulina Rosero—Settlement Patterns Study in the Lake San Pablo Area, Northern Highland Ecuador: Preliminary Results

3:15 Ronald Lippi, Alejandra Gudino and Estanislao Pazmino—Fiestas and Funerals? Possible Uses of a Rectangular Platform Mound in Yumbo Territory

3:30 Estanislao Pazmino—Excavaciones arqueológicas en la pirámide de Huatavíro

3:45 Stefan Bohorquez Gerardy—Las Voces del Barro y el Paisaje Manteño en Hojas-Jaboncillo, Manabí Central (Ecuador)

4:00 Maria Ordoñez—Forgotten Mummies. Reflections on the Management of Human Remains Exhibits in Ecuadorean Museums

4:15 James Zeidler—Message in a Bottle: Assessing the Impacts of Looting on the Archaeological Record of the Jama River Valley,
Coastal Ecuador
4:30 Jose Echeverria—Patrimonio, Políticas de Estado y Arqueólogos. La Experiencia del Ecuador en los Últimos Cuarenta y Cinco Años
4:45 Questions and Answers

[368]  **GENERAL SESSION • ARCHAEOLOGY OF THE MEDITERRANEAN REGION AND ROMAN WORLD**
**Room:** Continental Parlor 2  
**Time:** 2:45 PM - 4:45 PM  
**Chair:** Katherine Harrington

**Participants:**
3:00 Petya Hristova—In the Twilight of a Brave New World: From Multimedia Work Areas to Material Transformations in the Late Chalcolithic and Neolithic in Bulgaria and North Greece
3:15 William Balco and Michael Kolb—Exploring the Roman Occupation and Abandonment of Salemi, Sicily: The Cistern at Largo Cosenza
3:45 Ashley Brown and Miriam Belmaker—Evidence for Climate Change during the 3rd–5th Century CE: The Microvertebrate Evidence from Tel Huqoq, Israel
4:00 Riccardo Bertolazzi—Statuae Meae Ubique Steterunt: Some Considerations on Julia Domna’s Statue Bases from North Africa
4:15 Christine Johnston—Market Exchange Seen through the Mist: Network Visualization for Variable Data
4:30 Daniella Bar-Yosef Mayer, Yaacov Kahanov, Joel Roskin and Hezi Gildor—Neolithic Voyages to Cyprus: Wind Patterns, Routes and Mechanisms

[369]  **FORUM • A MODEL FOR SUCCESS IN REPATRIATION: A COLLABORATIVE PROCESS BETWEEN THE STATE OF COLORADO AND AMERICAN INDIAN TRIBES**
**Room:** Continental Ballroom Parlor 8  
**Time:** 3:00 PM - 5:00 PM
Moderator: Sheila Goff

Participants:
Thomas Carr—Discussant
Ernest House—Discussant
Jerry Fettermen—Discussant
Alden Naranjo—Discussant
Terry Knight—Discussant

SYMPOSIUM: THE HOYO NEGRO PROJECT: RECENT INVESTIGATIONS OF A SUBMERGED PALEOAMERICAN CAVE SITE IN QUINTANA ROO, MEXICO
Room: Golden Gate 4
Time: 3:15 PM - 5:00 PM
Chairs: Dominique Rissolo and James Chatters

Participants:
3:15 James Chatters, Pilar Luna-Erreguerena, Dominique Rissolo, Patricia Beddows and Shanti Morell-Hart—An Overview of the Hoyo Negro Project and Its Findings
3:30 Alberto Nava, Alex Alvarez, Franco Attolini, Susan Bird and Roberto Chavez—The Development of Techniques and Methods Used to Record Hoyo Negro: A Submerged Cave Site on the Yucatan Peninsula
3:45 Patricia Quintana, Vera Tiesler, Diana Arano, Dominique Rissolo and James Chatters—General Taphonomy and Diagenesis of a Submerged Pleistocene Skeleton from the Cenote of Hoyo Negro, Tulum, Quintana Roo, Mexico: Preliminary Results
4:00 Julio Chi, James C. Chatters, Andrea Cucina, Pilar Luna Erreguerena3 and Vera Tiesler—Histomorphology and Metabolic History of a Submerged Pleistocene Skeleton from the Cenote of Hoyo Negro, Tulum, Quintana Roo, Mexico
4:15 Joaquin Arroyo-Cabrales, James C. Chatters, Blaine W. Schubert, H. Gregory McDonald and Pilar Luna—The Late Pleistocene Fauna of Hoyo Negro
4:30 Shawn Collins, Eduard Reinhardt and Dominique Rissolo—Reconstructing Water Levels and Access to Hoyo Negro
4:45 Shawn Kovacs, Eduard Reinhardt and Dominique Rissolo—Calcite Rafts as a Proxy for Reconstructing Holocene Surface Water Conditions of Hoyo Negro: A Phreatic Coastal Karst Basin in Quintana Roo, Mexico
[371] **GENERAL SESSION: CONTEXTS OF ARTIFACT PRODUCTION AND USE IN SOUTH AMERICAN ARCHAEOLOGY**

**Room:** Union Square 13  
**Time:** 3:15 PM - 5:00 PM  
**Chair:** Christian Mesia

**Participants:**
3:15 Ana Navas, Franz Scaramelli and Kay Scaramelli—Mitología y tecnología: el hierro en la cosmovisión guayanesa, Venezuela
3:30 María Scattolin—Before Calchaquí. The Formative Period and Middle Horizon Ceramics in Northwest Argentina
3:45 Amy Szumilewicz, Izumi Shimada, Carlos Elera Alvarado and César Samillán Torres—Biography and Symbolism of Sicán Painted Textiles: First Approximation
4:00 Izumi Shimada and John Merkel—The Organization and Technology of Sicán Metalworks: pXRF Analysis of Floors and Associated Residues
4:15 Colin Thomas—Smelting and the Sacred at dos Cruces: Technological and Ritual Activity at a Chimú Era Smelting Site
4:30 William Barse—The Culebra and Ronquin Paleosols and Their Vessel Assemblages
4:45 Christian Mesia—A Classification of Middle Formative (1200–800 BCE) Ceramics from Chavin de Huantar

[372] **GENERAL SESSION: MORTUARY ARCHAEOLOGY**

**Room:** Golden Gate 8  
**Time:** 3:45 PM - 5:00 PM  
**Chair:** Susan Pfeiffer

**Participants:**
3:45 M. Thompson—Ancestors and Ancestral Spirits: Understanding the Spirits of the Dead in Prehispanic Settlements of the American Southeast and Southwest
4:00 Theresa Schober—Perishable Disparity: Mortuary Treatment in Baja California Sur
4:15 Douglas Charles—Burial Mound as Palimpsest
4:30 Hayley Mickleburgh—Armchair Archaeothanatology: Post-Excavation Archaeothanatology in the Caribbean
4:45 Susan Pfeiffer, Judith C. Sealy and Ronald F. Williamson—Temporal Trends in Reliance on Maize among Ancestral Huron-Wendat Villages, as reflected in δ13C from Human Enamel
[373] **GENERAL SESSION • DAILY LIFE, RITUAL, AND ETHNOBOTANY**  
**Room:** Yosemite C  
**Time:** 3:45 PM - 5:00 PM  
**Chair:** Andrew Lints  

**Participants:**  
3:45 Andrew Weiland—Practical and Social Storage among the Ohio Hopewell: Archaeobotanical and Ethnoarchaeological Evidence for Delayed Return of Pre-Maize Crops  
4:00 Andrew Lints—Reconstructing a 600 Year Old Ceremonial Event from the Northern Plains: Analysis of Phytoliths from within a Modified Bison Skull  
4:15 Sheila Jon Hauser—Were the Wichita Using Ilex Vomitoria While Living along the Arkansas River In Kansas  
4:30 Timothy Baumann, Gary Crites and Lynne Sullivan—The Emergence and Distribution of Beans (Phaseolus vulgaris) in the Upper Tennessee River Valley  
4:45 Kasey Cole, Heather MacInnes, Eric Bartelink and Gary Breschini—Late Holocene Dietary Variation along the Central California Coast: Isotopic Evidence for Marine Dependence

[374] **GENERAL SESSION • ORAL HISTORY AND ORAL TRADITION IN NATIVE NORTH AMERICA**  
**Room:** Union Square 25  
**Time:** 3:45 PM - 5:00 PM  
**Chair:** Lee Bloch  

**Participants:**  
3:45 Nanebah Nez—Apache Use of a Sacred Site. Oral History of Apache Elders  
4:00 Victoria Bochniak—Oral History and Archaeology: A Case from Crow Country  
4:30 Mariane Gaudreau—Oral Narratives and Archaeology: Telling Multiple Stories for Multiple Pasts?  
4:45 Lee Bloch—Esnesv Stories: Muskogee Oral Traditions, Trader-Diplomats, and Sacred Landscapes

[375] **GENERAL SESSION • MAYA CERAMICS**  
**Room:** Golden Gate 2  
**Time:** 3:45 PM - 5:00 PM
### Program of the 80th Annual Meeting

**Saturday Afternoon, April 18**

**Chair:** Keith Eppich

**Participants:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>3:45</td>
<td>Joseph Horne</td>
<td>Maya Ceramic Production along the North Coast of the Yucatan Peninsula: Diagnostic Attributes Associated with Unslipped Wares at Viste Alegre</td>
</tr>
<tr>
<td>4:00</td>
<td>Keith Eppich</td>
<td>The Evolution of Classic Maya Ceramic Shape-Classes through Time; New Evidence from El Peru-Waka, Guatemala</td>
</tr>
<tr>
<td>4:15</td>
<td>Mark Irish</td>
<td>Unit-Stamped Red Jars in the Southern Lowlands: New Insights into Ceramic Production and Exchange</td>
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<tr>
<td>4:30</td>
<td>Jennifer Loughmiller-Cardinal</td>
<td>Categorical Imperatives: Re-imagining the Classificatory Schema for Mayan Ceramic Vessels</td>
</tr>
<tr>
<td>4:45</td>
<td>Sarah Nicole Boudreaux</td>
<td>Distribution Patterns and Production Technology of Ancient Maya Ceramics in the Three Rivers Region</td>
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</tbody>
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**[376] General Session • Household Archaeology and Multiscalar Analysis in Maya Region: Activity Areas, Ritual, Production, and Domestic Economies**

**Room:** Golden Gate 6  
**Time:** 3:45 PM - 4:45 PM  
**Chair:** Tiffany Lindley

**Participants:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker(s)</th>
<th>Title</th>
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<tbody>
<tr>
<td>3:45</td>
<td>Kelsey Sullivan, James Stemp and Jaime Awe</td>
<td>Two Newly Discovered Maya Chert Tool Workshops in the Belize Valley: Results of the 2014 Surface Reconnaissance</td>
</tr>
<tr>
<td>4:00</td>
<td>Tiffany Lindley</td>
<td>Searching for Continuity in the Hinterlands: Households at Rancho San Lorenzo’s Floodplain North Settlement Cluster, Belize</td>
</tr>
<tr>
<td>4:15</td>
<td>Borislava Simova and David Mixter</td>
<td>Resignification: Public Ritual and Changing Cultural Landscapes at Actuncan, Belize</td>
</tr>
<tr>
<td>4:30</td>
<td>Luis Joaquin Venegas De La Torre, Mashelli A. Contreras, Hernández and Héctor A. Hernández Álvarez</td>
<td>Patrones de desecheo en los grupos domésticos de la Hacienda San Pedro Cholul</td>
</tr>
</tbody>
</table>

**[377] General Session • Applications of Theory in Archaeological Analyses**
Room: Yosemite B  
Time: 3:45 PM - 5:00 PM  
Chair: Suzanne Pilaar Birch  

Participants:  
3:45  Jill Marcum—A Peircean Analysis of Bucrania at Catalhoyuk  
4:00  Elisabeth Culley—Operationalizing Semiotic Theory as an Archaeological Research Method: A Levantine Case Study  
4:15  Suzanne Pilaar Birch—Multispecies Archaeology  
4:30  Claudio Cioffi-Revilla and Thomas Dover—Implementing Politogenesis by Canonical Cycling in an Agent-Based Model with Circumscribed Environment  
4:45  Jason Kjolsing and Paul Goldstein—Seeing Prehistory in Color: Interpreting the Use of Colored Pigments at the Tiwanaku Omo Temple, Moquegua, Peru

[378]  General Session • Archaeologies of Social Identity and Social Interactions in South America  
Room: Union Square 21  
Time: 4:00 PM - 5:00 PM  
Chair: Erika Brant  

Participants:  
4:00  Emily Schach and Jane Buikstra—“Feeding the Dead” at Chiribaya Alta  
4:15  Erika Brant—Rejection or Reinvention: Rethinking Social Hierarchy in the Post-Collapse Colla Polity (AD 1000–1450) of Southern Peru  
4:30  Francisca Santana Sagredo, Julia Lee-Thorp, Rick Schulting and Mauricio Uribe—“Diet and Connections among Cultural Groups in the Atacama Desert during the Late Intermediate Period (AD 950–1450)  
4:45  Daniel Nicholson, James Hinthorne, Shelia Pozorski and Thomas Pozorski—Pigment Identification as a Proxy for Intercultural Interaction in Casma, Ancash during the Initial Period (2100–1000 B.C.E.)

[379]  General Session • Ceramic Analysis  
Room: Continental Ballroom Parlor 7  
Time: 4:00 PM - 5:00 PM  
Chair: Cinzia Perlingieri  

Participants:  
4:00  Julia Burtenshaw, Diana Magaloni and Johannes Neurath—
Researching LACMA’s Colombian Ceramics
4:15 Cinzia Perlingieri, Habtamu Mekonnen and Michael Harrower—
An Integrated Digital Approach for Ceramic Analysis at Baita Semati, Northern Ethiopia
4:30 Laura Marsh—Examining Variability and Provenance through Ceramic Petrography at Chavín de Huántar
4:45 Isabelle Martínez-Muñiz—The Application of X-Ray Diffraction to the Characterization of Clay Samples from the Tuxtla Mountains, México

[380] **GENERAL SESSION ■ BIOARCHAEOLOGY OF THE ANCIENT NEAR EAST**
**Room:** Continental Parlor 3  
**Time:** 4:00 PM - 5:00 PM  
**Chair:** Mark Toussaint

**Participants:**
4:00 Kathryn Parker, Megan Perry, Drew Coleman and David Dettman—Strontium and Oxygen Isotopic Evidence of the Origins of Homicide Victims from Middle Islamic Period Qasr Hallabat
4:15 Selin Nugent and Hannah Lau—The Walking Dead: Osteological and Isotopic Indicators of Mobility from Middle Bronze Age Commingled Human and Faunal Burials in Naxcivan, Azerbaijan
4:30 Mark Toussaint and Debra Martin—Bioarchaeology of the Arabian Bronze Age: Humeral Enthesal Changes and Burial Patterns at Tell Abraq
4:45 Alyson Caine—The Skeletal Findings from Excavations in the Batinah, Oman

[381] **GENERAL SESSION ■ ARCHAEOLOGY OF HISTORIC INDUSTRIAL FEATURES, LABOR RELATIONS, AND MILITARY INSTALLATIONS**
**Room:** Golden Gate 1  
**Time:** 4:00 PM - 5:00 PM  
**Chair:** David Carlson

**Participants:**
4:00 Emlen Myers and Tomas Mendizabal—History and Prehistory of the Panama Canal Zone Revealed by the Current Canal Expansion Program
4:15 David Carlson—The Intersection of Identity, Labor, and Racism in Washington State Company Towns
4:45 Jordon Loucks—Irish Built Arteries: Ethnic Identification along the Canals and Railroads of New York

[382] General Session: Chacoan Archaeology
Room: Franciscan CD
Time: 4:00 PM - 5:00 PM
Chair: Paul Reed
Participants:
4:00 Megan Conger and Adam Watson—Ornaments, Pigments, and Household Production: Spatial Patterning and Residue Analysis of Ground Stone Artifacts from Pueblo Bonito, Chaco Canyon, New Mexico (A.D. 800–1200)
4:15 Paul Reed—Life and Ritual at the Edge of the Lava: The Ancient Chacoan Community at Las Ventanas
4:30 David Witt—The Nature and Extent of Chacoan Hegemony in the Middle San Juan Region
4:45 Abraham Arnett—The Group within the Group: Carter Ranch Pueblo and the Chaco Regional System

[383] General Session: California Archaeology—Lithic Studies
Room: Continental Parlor 1
Time: 4:00 PM - 5:00 PM
Chair: Joanne Mack
Participants:
4:00 Joanne Mack—The Potential Influence of Fish and Obsidian Resources on Shasta Cultural Complexity
4:15 Nathan Stevens and Jeffrey Rosenthal—Geology, Historical Contingency, and Ecological Inheritance in California's Southern Sierra Nevada
4:30 Ryan Moritz and René Vellanoweth—Expedient Stone Tool Analysis from Tule Creek (CA-SNI-25)
4:45 Evan Elliott, Thomas Origer and Katherine Dowdall—At the Continent’s Edge: A View of Flaked-Stone Crescents from Sonoma County, California
Program of the 80th Annual Meeting
Saturday Afternoon, April 18

[384] General Session • Bioarchaeology in South America
Room: Plaza A
Time: 4:00 PM - 5:00 PM
Chair: Jane Buikstra

Participants:
4:00 Jane Buikstra, Kristen Bos, Kelly Harkins, Johannes Krause and Anne Stone—Paleopathology and the History of Tuberculosis: New Results from Ancient South America
4:15 Sara Becker and Paul Goldstein—Laboring in Tiwanaku’s Moquegua Colony: A Bioarchaeological Activity Indicator Comparison Using Population-Based and Life Course Approaches
4:30 Kassie Sugimoto, Ann Ross and Danielle Kurin—Facial Asymmetry: Bio-Indicators of Stress in Post-Wari Populations
4:45 Mark Hubbe and Christina Torres-Rouff—Morphology and Culture among the Middle and Late Intermediate Period Inhabitants of Catarpe (San Pedro de Atacama, Chile)
Sunday Morning ■ April 19, 2015

[385] GENERAL SESSION ■ EDUCATION AND PEDAGOGY IN THE CLASSROOM AND FIELD
Room: Continental Parlor 3
Time: 8:00 AM - 9:00 AM
Chair: Linda Gosner

Participants:
8:00 Victor Fisher—Effective Use of Site Reports as Pedagogical Tools in Courses on Environmental Archaeology and Archaeoastronomy
8:15 Linda Gosner, J. Andrew Dufton, Alex Knodell and Catherine Steidl—Archaeology Underfoot on College Hill: Education, Outreach, and Historical Archaeology at Brown University (Providence, Rhode Island)
8:30 Anastasia Panagakos and Amanda Paskey—Uncovering New Opportunities: Community Colleges and Archaeological Lab Experience
8:45 Katia Chaterji and Alexander Reinhold—Applications of Cultural Heritage and Digital Preservation in Science, Technology, Engineering, and Mathematics (STEM) Education

[386] GENERAL SESSION ■ DESERT AND HIGH ELEVATION ADAPTATION IN THE AMERICAN WEST
Room: Union Square 1
Time: 8:00 AM - 9:15 AM
Chair: Edward Knell

Participants:
8:00 A. Dudley Gardner, Glade Hadden and Adreanna Jensen—Eagle Rock: A Brief Look at Cultural Changes in One Rock Shelter between 13,000 and 6,000 BP
8:15 Edward Knell—Terminal-Pleistocene through Late Prehistoric Settlement Strategies around Pluvial Lake Mojave (Soda and Silver Lake Playas), California
8:30 Jeanne Binning, Jill Minar, Clifford Walker and Dan Stueber—A Biface Cache from Paradise Springs, Central Mojave Desert
8:45 Lukas Trout—Prehistoric High Elevation Seasonal Use in Wyoming: Results of Flaked Stone Analysis from High Rise Village
9:00 Amanda Rankin—High Altitude Residence in the Great Basin and the Rocky Mountains
[387] **GENERAL SESSION PREHISTORY OF THE CARIBBEAN**  
**Room:** Union Square 2  
**Time:** 8:00 AM - 9:15 AM  
**Chair:** Perry Gnivecki  

**Participants:**  
8:00 L. Curet—Exchange and Interaction in the Caribbean: The View from Two Collections of the Smithsonian  
8:15 Mary Jane Berman—Investigating Variability in Lucayan (Bahamian) Microlith Assemblages  
8:30 Derek Anderson, Nicholas Herrmann, Molly Zuckerman and D. Shane Miller—Recent Archaeological Excavations at the Aklis site, St. Croix, U.S. Virgin Islands  
8:45 Joanna Ostapkowicz and Fiona Brock—Black Pitch, Carved Histories: Prehistoric Wood Sculpture from Trinidad’s Pitch Lake  
9:00 Perry Gnivecki, Michael Pateman and Ilya Buynevich—Archaeological Re-Survey, Contemporary Bahamian Cemeteries, Lucayan Prehistory, and Heritage Management

[388] **SYMPOSIUM CEREMONIAL ARCHITECTURE IN EASTERN POLYNESIA: DEVELOPMENT & VARIABILITY**  
**Room:** Union Square 21  
**Time:** 8:00 AM - 9:30 AM  
**Chair:** Guillaume Molle  

**Participants:**  
8:00 Jennifer Kahn—Priests’ Houses and Architectures of Ideology in East Polynesia  
8:15 Tamara Maric—Marae of Tahiti, Society Islands  
8:45 Alex Morrison and Carl Lipo—Exploring the Spatial Distribution of Rapa Nui Ahu with Costly Signalling Theory: An Agent-Based Model  
9:00 Alexander Baer—Monumentality and the Archaic State: Heiau Distribution in Kaupo, Maui  
9:15 James Flexner and Mark McCoy—Towards a Historical Archaeology of Heiau: Hawaiian Traditions, Colonialism, and Religious Transformation in the Recent Past

[389] **GENERAL SESSION LITHICS IN THE PALEOLITHIC**  
**Room:** Golden Gate 6
Sunday Morning, April 19

Time: 8:00 AM - 9:45 AM
Chair: Joao Cascalheira

Participants:
8:00 Ariel Malinsky-Buller—The Lower-Middle Paleolithic Transition(s) —Between Southern and Northern France: a Look from the Bifacial technologies perspective
8:15 Tamara Dogandzic, Karen Ruebens, Michel Lenoir and Shannon McPherron—Late Mousterian Industrial Variability in Southwestern France: A Case of Abri Peyrony
8:30 Gabriel Popescu—Assemblage Formation and Paleolithic Variability in the Middle Prut Valley Region (Romania)
8:45 Andrea Picin—Neanderthal Mobility in the Northeast of the Iberian Peninsula: The Patterns of Chert Exploitation at the Abric Romani Rock-Shelter
9:00 Sonja Grimm—Every End is a New Beginning. An Adaptive Cycle in North-West Europe during the Weichselian Late Glacial
9:15 Joao Cascalheira and Nuno Bicho—Lithic Technological Organization and Social Networks during the LGM in Southwestern Iberia
9:30 Kaoru Akoshima—Evaluating Lithic Microwear Traces in Terms of Settlement Mobility Patterns and Raw Material Distributions

[390] FORUM ■ SITE STEWARDSHIP ALLIANCE: BUILDING THE FUTURE OF ARCHAEOLOGICAL SITE STEWARDSHIP PROGRAMS
Room: Golden Gate 8
Time: 8:00 AM - 10:00 AM
Moderator: Samantha Rubinson

Participants:
Crystal Alegria—Discussant
Sophia Kelly—Discussant
Beth Padon—Discussant
Norman Nelson—Discussant

[391] GENERAL SESSION ■ ARCHAEOLOGIES OF TRADE AND CULTURAL INTERACTIONS
Room: Union Square 13
Time: 8:00 AM - 10:00 AM
Chair: Colleen Delaney

Participants:
8:00 Ashley Coutu—On the Trail of Ivory: Mapping Trade in Iron Age Southern Africa
8:15  Tanya Chiykowski—Trade, Migration and Movement at Cerro de Trincheras, Sonora, Mexico
8:30  Colleen Delaney, Shawna Couplin, Charles Fazzone and Kathleen M Marsaglia—They Sent Sandstone Across the Sea? A Preliminary Petrographic Study of Stone Bowls and Mortars
8:45  Jairo Avila—Local or Non-Local: Reassessing Material Exchange in Southern California
9:00  Ian Scharlotta—Trade Routes and Contradictory Spheres of Influence: Movement of Rhyolite through the Heart of the Western Mojave Desert
9:15  Danielle Riebe—Exploiting, Exchanging, and Establishing Boundaries: Lithic Trade during the Neolithic on the Great Hungarian Plain
9:30  Rory Dennison—Porcelain, Kilns, and Chiefs: LA-ICP-MS Analysis of Sherds in the Pre-Colonial Philippines and Southern China
9:45  David Herdrich and Christopher Filimoehala—A Comparative Analysis of a Traditional Western Polynesian Tupua at Swains Island, American Samoa

[392]  **GENERAL SESSION, THE PRACTICES AND PRODUCTS OF CULTURAL RESOURCE MANAGEMENT IN CALIFORNIA**

*Room:* Union Square 14  
*Time:* 8:00 AM - 9:45 AM  
*Chair:* Katherine Burnett

**Participants:**
8:00  Craig Hauer and Sean McMurry—Constructive Monitoring: Finding Successful Solutions for Environmental, Engineering, Cultural Resources, and Public Relations Challenges in the Constructed Landscape of the Presidio of San Francisco, California
8:15  Jessica Tudor and Brendon Greenaway —Archaeological Landscapes and Districts and Section 106 of the NHPA—Examples from California
8:30  Katherine Dowdall, Otis Parrish, Margaret Purser and John Wingard—The Kashaya Pomo Cultural Landscape Project: A Community-Based Approach
8:45  Scott Green and Richard Fitzgerald—The National Register Nomination for CA-LAN-1, the Tank Site, a Millingstone Horizon Site in Topanga State Park, Los Angeles CA
9:00  Rebecca Karberg—49ers and Firm Foundations: A Short Archaeological History of San Francisco’s Civic Center
Sunday Morning, April 19

9:15  Josh Allen—Settlement Patterns in Southeastern Sacramento County

9:30  Katherine Burnett, Armando Abeyta and Amber Fankhauser—
Legacies of Movement and Land Use in the Mojave Desert: An
Intensive Study of Two Multi-Component Sites at Fort Irwin, San
Bernardino County, California

[393]  GENERAL SESSION  ■  CONQUEST AND COLONIALISM IN
MESOAMERICA AND SOUTH AMERICA
Room: Imperial Ballroom A
Time: 8:00 AM - 10:00 AM
Chair: Enrique Rodriguez

Participants:
8:00  R. Jeffrey Frost—Pueblos, Palenques, and Dual Organization in
Sixteenth Century Costa Rica
8:15  Bibiana Cadena and Meggan Bullock—Indigenous Testimony to
the Conquest of Mexico: An Osteological Analysis of Violence in
Contact-Period San Gregorio Atlapulco, Xochimilco
8:30  Enrique Rodriguez—Postconquest Figurines from Central
Mexico: Aspects of Phenotype and Artifice
8:45  Brian Witt and Nadia Johnson—Us vs. Them: Identity Formation
in Pre-Hispanic Tlaxcala
9:00  Emily Dean and Amelia Perez Trujillo—The Archaeology of
Rebellion and Resistance: Archaeological Investigations of the
Neo-Inca State of Vilcabamba, Peru
9:15  Alexander Menaker—An Archaeological and Historical Inquiry of
Andagua, Peru, 1000–1800AD
9:30  William Fowler and Jeb Card—Structure 4G1, Ciudad Vieja, El
Salvador: A Sanctuary of Earth and Stone
9:45  Connie Ericksen and Haagen Klaus—Fighting Back at Yellow
Jack

[394]  GENERAL SESSION  ■  GLOBAL HISTORICAL AND CONTEMPORARY
ARCHAEOLOGIES
Room: Yosemite A
Time: 8:00 AM - 10:00 AM
Chair: Paul Farnsworth

Participants:
8:00  Valerie Bondura, Alfonso Fanjul Peraza and Vanesa Trevín
Pita—Resistance, Refuge, and Retaliation: The Use of Caves
during the Spanish Civil War in Asturias
8:15  Paul Farnsworth and Nydia I. Pontón—Archaeological Excavations at Hacienda La Esperanza, Manatí, Puerto Rico
8:30  Troy Lovata—An Archaeology of Skiing
8:45  Carolyn White, Elizabeth Bennett and Laura Sechrist—Granite Creek Station: Site of Massacre and Memory
9:00  Rachel Campbell and Michael Meyer—Excavating St. Louis: French Colonial and Urban Archaeology
9:15  Rui Gomes Coelho—Coffee and Captivity in the 19th Century Paraíba Valley (Rio de Janeiro, Brazil). Landscape Archaeology and Phenomenological Recording
9:30  Aaron Coons and Kisha Supernant—Remote Sensing at the Buffalo Lake Métis Wintering Site (FdPe-1): Preliminary Results
9:45  Zev Cossin—Indigenous Labor and the Hacienda System: Examining Everyday Micropolitics and Global Capitalism at the Historic Hacienda Guachalá, Ecuador

[395]  SYMPOSIUM ■ MAGDALENIAN SOCIAL GEOGRAPHIES IN WESTERN EUROPE
Room: Continental Ballroom Parlor 8
Time: 8:00 AM - 10:15 AM
Chairs: Claudine Gravel-Miguel and John O'Hara
Participants:
8:00  Claudine Gravel-Miguel—Using Computer Models and Art Stylistic Similarities to Evaluate the Impacts of Geography and Social Processes on Magdalenian Social Networks
8:15  John O'Hara—Accessing Social Geographies in Late Glacial Franco-Cantabria through Personal Ornaments
8:30  Rebecca Schwendler—A Re-Examination of Magdalenian Social Organization Ten Years Later
8:45  Rachel Kulick—Social Geoarchaeology: A Case Study of Structural Organization at Peyre Blanque, Ariège
9:00  Sebastien Lacombe—Investigating the Symbolic Aspects of Flint in the Making of Prehistoric Cultures: The Case of the Middle Magdalenian of Southwestern France
9:15  Kathleen Sterling—The Concept of "Domesticity" in Magdalenian Life
9:30  Nada Hosking—Simulating the Past—The Use of 3D Technologies in Archaeology
9:45  Pablo Arias—Discussant
10:00  Margaret Conkey—Discussant
[396] **GENERAL SESSION **
**ARCHAEOLOGY OF THE PALEOLITHIC**

**Room:** Continental Parlor 1  
**Time:** 8:00 AM - 10:15 AM  
**Chair:** Suzi Wilson  

**Participants:**
8:00  Suzi Wilson—Homo Cognitive Development (Contextualized in Middle Paleolithic Burials)
8:15  Johannes Krause, David Reich, Iosif Lazaridis, Nick Patterson and Alissa Mittnik—Ancient Human Genomes Suggest Three Ancestral Populations for Present-Day Europeans
8:30  Britt Starkovich—Systematic Butchery of Small Game at Kephalari Cave (Peloponnese, Greece)
8:45  Ash Scheder Black—Applied Archaeological Visualization: Technical Advances and Research Insights from the Effort to Visualize Neanderthal/AMH Interactions at Deep Time Depth
9:00  David Clinnick and James Walker—The Forgotten King
9:30  Alejandro Garcia-Moreno, Jarod M. Hutson, Aritza Villaluenga, Elaine Turner and Sabine Gaudzinski-Windheuser—Spatial Distribution and Site Formation of the Schöningen Spear Horizon, Lower Saxony, Germany
9:45  Kelsey Knox—Biogeography of Neandertals: The Southern Italian Middle Paleolithic
10:00 Eugene Morin, John D. Speth and Julia Lee-Thorp—A Critical Reappraisal of Middle Paleolithic Diets

[397] **GENERAL SESSION **
**ZOOARCHAEOLOGY AND SITE INTERPRETATION**

**Room:** Continental Ballroom Parlor 7  
**Time:** 8:00 AM - 10:15 AM  
**Chair:** Sara Rhodes  

**Participants:**
8:00  Stephen Merritt—Using a Specimen-Scale Approach and Butchery Traces on the Elbow to Refine Paleoecological Interpretations of Early Stone Age Carnivory
8:15  Abigail Fisher—Identifying and Applying a “Canopy Effect” as a Marker for Deforestation: Stable Isotope Analysis of Small Artiodactyl and Rodent Fauna from Hunter-Gatherer Sites in Central Africa
8:30  Gypsy Price, Kim Shelton, George Kamenov and John Krigbaum—Following the Herd: Isotopic Access to Faunal
Commodity Chains in LBA Mycenae, Greece
8:45 Sara Rhodes, Antonio López-Jiménez, Mariano López-Martínez, Maria Haber-Uriarte and Michael J. Walker—Opportunistic Fire in the Early Palaeolithic: Evidence of Small Mammal Incidental Burning at Cueva Negra del Estrecho del Rio Quipar (Murcia, Spain)

9:00 Courtney Williams—Changing Environments and Economies: A Zooarchaeological Study of the Eastern Pequot

9:15 Vivian James—"Of What Use is a Bear?": Examining Black Bears (Ursus americanus) as a Capitalized Resource in Northeastern North America during the Woodland and Colonial Periods (A.D. 1300–1800)

9:30 Heather McGuire—A Comparative Study of the Barn Owl (Tyto alba) Pellet Taphonomic Signature across Regions: Implications for Paleoenvironmental Reconstructions in Archaeological Sites

9:45 Tekla Schmaus—Home is Where the Herd Is: Social Factors and Mobility Patterns in Prehistoric Kazakhstan

10:00 R. Lyman—The History of "Laundry Lists" in North American Zooarchaeology

[398] Symposium The Imperial Craft: Comparative Perspectives on Production and Society in Empires
Room: Golden Gate 4
Time: 8:00 AM - 10:30 AM
Chairs: Bradley Sekedat and Steven Karacic

Participants:
8:00 Bradley Sekedat—Craft, Industry, and Landscape, in the Roman Imperial Marble Trade
8:15 Cathy Costin—Crafting Identity and Wealth on the North Coast of Peru
8:30 Amanda Aland and R. Alan Covey—Local Effects of Imperial Craft Production in Highland and Coastal Peru
8:45 Sonia Alconini—Frontier, Inka Craft Production and the Kallawaya Territory
9:00 Johanna Pacyga and François Richard—Crafting the Fringes of French Imperialism: Ceramic Politics in Slin, Senegal
9:15 Steven Karacic—Producing Pottery in a Province of the Hittite Empire
9:30 Bradley Parker—A Tale of Three Assemblages
9:45 Elizabeth Murphy—Tinker, Tailor, Soldier… Potter? Roman Legionary Ceramic Production and its Organization
10:00 Sarah Craft—Going Where the Job Takes You: Itinerant
Producers in the Eastern Roman Empire
10:15 Carla Sinopoli—Discussant

[399] SYMPOSIUM: THE EXPLOITATION OF LIMESTONE IN ANCIENT MESOAMERICA
Room: Golden Gate 2
Time: 8:00 AM - 10:30 AM
Chairs: Kenneth Seligson and Maria Ortiz Ruiz
Participants:
8:00 Luisa Straulino, Ana María Soler, Sergey Sedov, Sandra Balanzario and Teresa Pl —Dzibanché Stuccos: Arqueomagnetism Dating and Manufacture Techniques
8:15 Celine Gillot —A Geoarcheological Study of the Ancient Quarries of Rio Bec (Campeche, México)
8:30 Bernadette Cap, Rachel Horowitz, Jason Yaeger and Mark Eli —From Quarry to Household: The Economics of Limestone Bifaces among the Classic Maya of Buenavista del Cayo, Belize
8:45 Marie Jackson and Gabriele Vola —Lime Preparation in Ancient Roman Architectural and Marine Mortars
9:00 Questions and Answers
9:15 Alejandra Alonso-Olvera, Nora Ariadna Perez, Jose Luis Ruvalcaba and Jaime Torres —Selective Use and Technology of Limestone and Lime Products Employed in Mosaic and Stucco Decorations in Ek’ Balam
9:30 Kenneth Seligson, Tomás Gallareta Negrón and Rossana May Ciau —Ring Structures and Lime Production at the Ancient Maya Site of Kiuic
9:45 Maria Ortiz Ruiz —Archaeometry and Lime Kilns
10:00 Luis Barba—Discussant
10:15 Jose Ruvalcaba—Discussant

[400] SYMPOSIUM: ANARCHY AND ARCHAEOLOGY: CONTESTING HIERARCHY, POWER, AND AUTHORITY IN THE PAST AND TODAY
Room: Continental Parlor 2
Time: 8:00 AM - 10:30 AM
Chairs: Matthew Sanger and Lewis Borck
Participants:
8:00 Lewis Borck —Hidden Revolutions: Re-Examining Transitions in the American Southwest from an Anarchist and Network Perspective
8:15 Matthew Sanger —Animate Landscapes and the Transference
of Authority: Resistance to Hierarchy among Hunter-Gatherers of the Eastern Woodlands
8:30 James Birmingham—Potsherds, Paving Stones, and Puppets: Possible Paths for an Anarchist Archaeology
8:45 Bill Angelbeck—Questioning the Capitalist Lens: Anarchism as a Critical Theory for Assessing Sociopolitical Dynamics in the Past
9:00 Theresa Kintz—Fields of Resistance: Reflections on Archaeology and Anarchist Praxis
9:15 Severin Fowles—On the War Machine
9:30 Edward Gonzalez-Tennant—Anarchy, Archaeology, and the Decolonization of Collaborative Heritage
9:45 Kenneth Sassaman—Discussant
10:00 Carole Crumley—Discussant
10:15 Questions and Answers

[401] General Session: Neolithic and Chalcolithic Archaeology in the Ancient Near East
Room: Golden Gate 3
Time: 8:00 AM - 10:30 AM
Chair: Matthew Kroot
Participants:
8:00 Renee Ford, Tristan Carter and Elizabeth Healey—Sourcing Late Neolithic and Chalcolithic Obsidian from Iraq and Iran: New Perspectives from Tell Nader and Yanik Tepe
8:15 Estelle Herrscher, Adrian Balasescu, Modwene Poulmarc'h, Valentin Radu and Roman Hovsepyan—Isotope Diachronic Changes in Armenia during Neolithic and Chalcolithic Period: Environment, Herding Strategies, Human Dietary Practices
8:30 Frank Hole—Processes of Immigration and Adaptation in Late Chalcolithic Northeastern Syria
8:45 Emily Hubbard—Storage, Surplus and Wealth at a Chalcolithic Site in Israel
9:00 Gabrielle Borenstein—Emergent Spirituality: The Anthropomorphic and Zoomorphic Ossuaries of Peqi’in (Upper Galilee, Israel)
9:15 Matthew Kroot—Understanding Temporal Patterns of Occupation at Small Sites: The Case of Early Neolithic al-Khawran, West-Central Jordan
9:30 Philip Hitchings and Edward Banning—Predict and Confirm: Survey and Excavation at Three Candidate Sites for Late Neolithic Occupation in Wadi Quseiba, Jordan

10:00 Maurizio Forte and Nicola Lercari—Digital Archaeology at Çatalhöyük: New Inferential Methods for the Interpretation of Neolithic Buildings

10:15 Hannah Lau—Cooperation and Feasting at Late Neolithic Domuztepe: Assessing Emergent Political Complexity through Faunal Remains

[402] GENERAL SESSION STUDIES OF TECHNOLOGY, ECOLOGY, AND CRAFT PRODUCTION IN SOUTH, CENTRAL, AND WESTERN ASIA
Room: Golden Gate 1
Time: 8:00 AM - 10:30 AM
Chair: Yiu-Kang Hsu

Participants:
8:00 Ian Jones—Questioning Technological and Economic “Decline” in the Medieval Rural Levant
8:15 Kyle Olson—No Aryans Needed: Toward Explaining the Distribution of Burnished Grey Ware Ceramics of the Third Millennium in Northeastern Iran
8:30 Yiu-Kang Hsu, Peter Bray and Mark Pollard—A Novel Method to Hypothesize the Movements of Archaeological Metal: A Case Study on the Bronze Metallurgy in the Central Eurasian Steppe Belt by the Second Millennium BC
8:45 Alexis Torrano, Andreas Angourakis, Veronica Martinez and Josep Maria Gurt—CAMOTECER: Beyond the shard. Modeling and Simulating Variability in Central Asian Pottery Technology
9:00 Siavash Samei and Karim Alizadeh—Craft Production and Specialization in the Transcausian Early Bronze Age: A View from Köhne Shahar, NW Iran
9:15 Yukiko Tonoike—Interactions during the Iron Age in the Lower Khabur Basin of Northeastern Syria: Insights from Ceramic Petrography
9:30 Aaron Gidding—Assessing Ancient Vertical Integration: Copper Production in Early Bronze Age Southern Levant
9:45 Praveena Gullapalli, Shinu Anna Abraham and K.P. Rao—Iron and Glass: Reconstructing (Overlapping) Technologies in Early South India
10:00 Nicholas Ames—In Smaller Things Forgotten: Using Microdebris to Enhance our Understanding of Middle Islamic Dhiban (Jordan)
10:15 Jonathan Baines—Plant Niche Construction; from Forager to Planter in the Zagros Mountains, Iran

[403] SYMPOSIUM: DIETARY BIOGRAPHIES: CHRONICLING PAST HUSBANDRY, MOBILITY, AND EXCHANGE PRACTICES THROUGH ISOTOPIC ANALYSIS OF PLANT AND ANIMAL TISSUES
Room: Yosemite C
Time: 8:00 AM - 10:45 AM
Chairs: Alicia Ventresca Miller and Cheryl Makarewicz
Participants:
8:00 Kaitlyn Laws, Cheryl Makarewicz and Isabella Von Holstein—Grazing Herds on a Modern Jordanian Landscape: δ13C and δ15N Analysis of Plants and Caprine Hair Keratin along an Altitudinal Cline
8:15 Maureen Marshall—(Re)Articulating Ancient Lives: Diet and Movement in Late Bronze Age Societies in the South Caucasus
8:30 Taylor Hermes—Bronze Age Mobility in Montane Ecosystems of Eastern Kazakhstan: A Preliminary Isotopic Investigation
8:45 Alicia Ventresca Miller—Modeling Bronze Age Isoscapes in the Eurasian Steppe: Identifying Subtle Variation in Pastoral Diet and Mobility
9:00 Damien Huffer, Christine France, Bruno Frohlich and Michelle Machicek—Stable Isotopic Insights into Changing Diets, Population Mobility and the Origins of Pastoral Nomadism in Early Bronze Age Mongolia
9:15 Asa Cameron—Herding Strategies during the Xiongnu Period of Mongolia: A Comparison in the Diet of Domestic Fauna from the Egiin Gol Valley and Baga Gazaryn Chuluu
9:30 Cheryl Makarewicz and Sarah Lublasser—Scales of Mobility: Oxygen (δ18O) and Carbon (δ13C) Isotopic Insights into Xiongnu Herding Practice
9:45 Heather Byerly, Jean-Luc Houle and Cheryl Makarewicz—Ritual and Mobility: δ18O and δ13C Analyses of Bronze Age Khirigsuur Horses from Khanuuy Valley, Mongolia
10:00 Isabella Von Holstein—Geographical Origin Assignment of Sheep Wool Textiles Using Light Stable Isotopes
10:15 Isabella Von Holstein—Discussant
10:30 Questions and Answers
[404] SYMPOSIUM ■ RECENT RESEARCH AND A CHRONOLOGICAL REEVALUATION OF THE VIRU-MOCHE-CHICAMA VALLEYS
Room: Franciscan AB
Time: 8:00 AM - 10:45 AM
Chairs: Gabriel Prieto and Alicia Boswell

Participants:
8:00 Gabriel Prieto—La Poza de Huanchaco: A Late Early Horizon – Early Intermediate Period Fishing Community: Social and Material Culture Interactions between Salinar and Gallinazo
8:15 Jordan Downey and Jean-François Millaire—Anchoring the Absolute to the Relative: Recent Chronological Research in the Virú Valley, Peru
8:30 Ari Caramanica—Irrigation Systems as a Chronological Proxy? Continuous Occupation at the Valley Edge, Chicama Valley, Peru
8:45 Jennifer Ringberg—Ceramic Petrography and Early Intermediate Period Interaction in the Moche Valley, Peru: Current Understanding and Future Research
9:00 Celeste Gagnon—To Live and Die in the City: Investigations of Health at the Huacas de Moche
9:15 Michele Koons—Southern Moche Politics Reevaluated: The Reconciliation of Relative (Ceramic Chronologies) and Absolute (Radiocarbon) Dates
9:30 Jeffrey Quilter—Linking Chronology, Culture History, and Culture Process in Moche Studies
9:45 Patrick Mullins—A Fortified Frontier—LIP Defensive Settlement in the Moche Valley
10:00 Alicia Boswell—Reassessing the Late Andean Period in the Moche Valley: The View from Cerro Huancha
10:15 Edward Swenson—Discussant
10:30 Brian Billman—Discussant

[405] SYMPOSIUM ■ MANAGING ARCHAEOLOGICAL HERITAGE IN THE 21ST CENTURY
Room: Continental Ballroom Parlor 9
Time: 8:00 AM - 11:00 AM
Chair: Michael Nassaney

Participants:
8:00 John H. Jameson—The New Public Archaeology: Evolving Concepts in International Public Archaeology and Interpretation
8:15 Kathryn Lafrenz Samuels—Parsing ‘Public’ for Heritage Management in the Transnational Sphere
8:30  Elizabeth Chilton—The Role of Intangible Heritage Values in the Management of Places and Things
8:45  Reginald Auger—Slavery and Memory in French Guiana: Designing the Commemoration of Memory at the Loyola Cemetery While Respecting Sensibilities of History
9:00  Robert Paynter—Critical Heritage Archaeology at the W.E.B. Du Bois Homesite
9:15  Katherine Shakour, Ian Kuijt and Tommy Burke—Sharing the Teapot and the Science: Challenges and Contributions in Shaping 21st Century Island Heritage in Ireland
9:30  Uzi Baram—Local Politics and Site Ownership: Archaeology in the Age of Lawfare
9:45  Andrew Beaupré—One Site, Multiple Pasts: Negotiating Identity and Archaeological Heritage along the US/Canadian Border
10:00 Sherene Baugher—Bottom-Up Heritage Management in Ithaca, New York: Community Initiatives and Collaborations with University Archaeologists
10:15 Richard Veit, Sean McHugh and Adam Heinrich—A Forgotten Town on a Forgotten Road: The Archaeology of Pine Barrens Heritage at the Storied Cedar Bridge Tavern
10:30 Douglas Wilson—Beyond the Four-Letter Word: Heritage Management and Public Archaeology at Fort Vancouver
10:45 Michael Nassaney—The Future of the Past at Fort St. Joseph, Niles, Michigan

[406] SYMPOSIUM “BONES ARE NOT ENOUGH”: RESEARCH IN HONOR OF DIANE GIFFORD-GONZALEZ
Room: Yosemite B
Time: 8:00 AM - 11:00 AM
Chair: Judith Habicht-Mauche

Participants:
8:00  Karen Lupo—On Why We Still Need Ethnoarchaeology
8:15  Stanley Ambrose, Fiona Marshall and Steven Goldstein—Nutrient Hotspots and Pastoral Legacies in East African Savannas
8:30  Anneke Janzen and Marie Balasse—Migrations and Exchange: Early Pastoral Mobility in Kenya Assessed through Stable Isotope Analysis
8:45  Katheryn Twiss—Ecology, Ceremony, and Animal Bones from Southern Mesopotamia
9:00  Silvana Rosenfeld—Zooarchaeological Inferences and Analogical Reasoning at Chavin de Huantar (Peru)
9:15  Terry Jones and Ken Gobalet—Fish, Fishing, and Fish Bones on the Central California Coast
9:30  Cristie Boone—Big Reasons to Eat Small Fishes: Nutritional Composition and Subsistence Decisions along California’s Central Coast
9:45  Gary Brown—What’s In the Oven? Specialized Processing, or Mixed Food Preparation in the Chumash Kitchen
10:00 Laura Scheiber—The Future of Zooarchaeological Collections in Twenty First-Century Scholarship
10:15 Jun Sunseri—A Saint Jude’s Box for Zooarchaeologists In the Making
10:30 Noah Thomas—Parallel Practices: The Importance of Joining Creative Action and the Sciences in the Work and Legacy of Diane Gifford Gonzalez
10:45 Mary Stiner—Discussant

[407] SYMPOSIUM  ENVIRONMENTAL ARCHAEOLOGICAL APPROACHES IN SOUTHEAST ASIA
Room: Union Square 25
Time: 8:00 AM - 11:30 AM
Chairs: Hannah Van Vlack and Cyler Conrad
Participants:
8:00  Youping Wang—The Late Pleistocene Environment and Lithic Technology in South China
8:15  Seungki Kwak—Farming as a Dominant Subsistence Strategy?: Organic Geochemical Analyses on Potsherds from Prehistoric Korean Peninsula
8:30  Michael Dega and Kyle Latinis—The Social and Ecological Characteristics of Prehistoric Cambodian Earthworks
8:45  Nigel Chang—Archaeometallurgy, Environment & Landscape in Upland Laos: Its Impact on ‘World-Views’ during the Transition from the Bronze Age to Early States in SE Asia
9:00  Tegan Hall and Dan Penny—Regional Settlement Responses of the Khmer Empire to Environmental Stress and Angkor Abandonment
9:30  Puangtip Kerdsap—Environmental Archaeology of Spinning, Weaving and Dyeing in Ancient Thailand
9:45  Chin-hsin Liu and John Krigbaum—Human Dietary Responses to the Ecological Instability of Prehistoric Khao Wong Prachan Valley, Thailand: Corroboration between Paleobotany and
Skeletal Chemistry
10:00  Cyler Conrad—Forager Efficiency, Demographic Shift and Environmental Change: Re-Evaluating the Broad Spectrum Revolution in Mainland Southeast Asia
10:15  Hannah Van Vlack—Khao Toh Chong Rockshelter, Krabi: A Reflection on Human Behavioral Adaptations Driven by Environmental Change during Prehistory
10:30  Supalak Mithong—An Analysis of Reptile Bone from an Excavation at Moh-Khiew Cave, Krabi Province, Thailand
10:45  Deanna De Boer, Zara Steinhart, Ben Marwick, David Bulbeck and Sue O'Connor—Stone Artefacts from Southeast Sulawesi: Technology Beyond the Toalean
11:00  Daniel Michael and Julien Riel-Salvatore—Human Ecology and Lithic Technology in Late Pleistocene SE Asia: A Whole Assemblage Perspective
11:15  Ben Marwick—Discussant

[408] SYMPOSIUM ■ THE MIRADOR BASIN: NEW INVESTIGATIONS AND CONSERVATION PROGRAMS
(Sponsored by Foundation for Anthropological Research & Environmental Studies (FARES); University of Utah)
Room: Imperial Ballroom B
Time: 8:00 AM - 11:45 AM
Chairs: Richard Hansen and Stanley Guenter
Participants:
8:00  Richard Hansen and Edgar O. Suyuc—The Mirador Basin: A Synthesis of Research and Conservation Programs in Northern Guatemala
8:30  Thomas Schreiner, Enrique Hernandez, David Wahl and Richard Hansen—Preclassic Causeways of the Mirador Basin, Guatemala
8:45  Lysanna Anderson and David Wahl—Records of Holocene Biomass Burning, Environmental Change, and Human Occupation in the Southern Maya Lowlands
9:00  Glenna Nielsen-Grimm, Greg Farley, Edgar Ortega and Richard D. Hansen—Central Plaza Excavations at El Mirador
9:15  Enrique Hernandez, Richard Hansen, Francisco Lopez, Thomas Schreiner and Marvin Prado—Tintal, a Late Preclassic
Maya City in the Mirador Basin, Peten, Guatemala

9:30 AnaBeatriz Balcarcel—Arquitectura Preclásica en el Grupo Balam Acrópolis Central de El Mirador, Peten

9:45 Josué R. García García—Virtual Graphic Representation and Urban Analysis Architectural Grand Central Acropolis: Main Access and Structure 4D1-20 El Mirador, Petén; Guatemala

10:00 Kevin Johnston, Richard Hansen, Beatriz Balcarcel and Carlos Morales-Aguilar—Non-Mounded Architecture, Invisible Housemounds, and the Problem of Settlement Identification and Demographics in the Mirador Basin

10:15 Jordan Krummel—A Bioarchaeological Analysis of Human Remains on the Summit of Tigre Pyramid, El Mirador, Guatemala

10:30 Donald Forsyth—The Ceramics of the El Mirador Region: An Update

10:45 Oscar Lopez and Stanley Guenter—Patrons and Artists: New Information on the Producers of Codex-Style Ceramics of the Mirador Basin

11:00 Douglas Mauricio—Las cabezas de estuco, recuperadas en el Grupo Casa del Coral, El Mirador, Peten

11:15 Donald Forsyth—Discussant

11:30 Richard Hansen—Discussant

[409] SYMPOSIUM • ARCHAEOLOGICAL APPLICATIONS OF UNMANNED AERIAL SYSTEMS (DRONES)
Room: Golden Gate 7
Time: 8:00 AM - 11:45 AM
Chairs: Gerardo Gutierrez and Michael Searcy

Participants:

8:00 Jay Silverstein, Ishiba Ranoli Oñasojo, Sarah Chapman and Robert Littman—Modeling Space at Tell Timai: Composite Imaging at Greco-Roman Thmuis, Egypt

8:15 Israel Hinojosa-Balino and Henrik Brahe—Unearthing a Town from the Sky: Kom Wasit, the Bird’s Eye Archaeological Point of View

8:30 Morag Kersel and Austin Hill—Landscapes of the Dead: Mapping, Survey, and Site Monitoring at Fifa, Jordan

8:45 Marco Pacheco Gonzalez, Gerardo Gutierrez and Felipe Ramirez-Sánchez—Los mapas arqueológicos de Cuicuilco y El Salto: Fotogrametría aérea con drones para el registro y preservación del patrimonio arqueológico

9:00 B. Sunday Eiselt, J. Andrew Darling, Samuel Duwe, Chet
Walker and Mark Willis—Groundtruthing from the Air: Reconstructing Tribal Agricultural and Landscape Systems in the Lower Chama Valley, New Mexico Using Low Elevation UAV Technology

9:15 César Parcero-Oubiña, Patricia Mañana-Borrazás, Alejandro Güimil-Fariña, Mariela Pino and César Borie—A UAV-Based Approach for a Cost-Efficient Documentation of Agrarian Structures in the Arid Atacama Area (N. Chile)

9:30 Mark Willis, Eleanor Harrison-Buck and Chester Walker—Rapid Survey, Salvage, and Mapping Using Drones in an Ancient Maya Landscape: New Settlement Revealed at the Crossroads of Saturday Creek, Belize

9:45 Grace Erny, Gerardo Gutierrez, Alyssa Friedman, Melanie Godsey and Machal Gradoz—Archaeological Topography: Comparing Digital Photogrammetry Taken with Unmanned Aerial Vehicles (UAVs) versus Standard Surveys with Total Stations

10:00 Dominique Meyer, Eric Lo, Aliya Hoff, Mike Hess and Falko Kuester—Utility of Low-Cost Drones to Generate 3D Models of Archaeological Sites from Multisensory Data

10:15 Christopher Lee, Carl Lipo and Suzanne Wechsler—Small Commercial Aerial Platforms for the Generation of Systematic, High-Resolution, Multi-Spectral Imagery and Photogrammetry: Trimble UX5 and X100

10:30 Robert Mark and Evelyn Billo—Low Altitude Unmanned Aerial Photography to Assist in Rock Art Studies

10:45 Austin Hill and Andrew Petersen—UAVs at Ruwayda, Qatar: Photogrammetry and Thermal Imaging for Feature Detection and Site Recording

11:00 Michael Searcy—Navigating the FAA’s Turbulent Airspace in the United States regarding UAVs

11:15 Jesse Casana, Adam Wiewel and Autumn Cool—Archaeological Aerial Thermography in Theory and Practice

11:30 Luis Castillo Butters—Preserving Archaeology with Drones in Peru

[410] SYMPOSIUM: THE BIOARCHAEOLOGY OF OAXACA: TALKING WITH THE DEAD FROM SOUTHERN MEXICO
Room: Plaza B
Time: 8:00 AM - 11:45 AM
Chair: Ricardo Higelin Ponce De Leon

Participants:
Sunday Morning, April 19

8:00   Guy Hepp, José Aguilar and Paul Sandberg—Death on the Early Formative Oaxaca Coast: The Human Remains of La Consentida

8:15   Jose Cervantes Perez, Tito Mijangos and Agustin Andrade Cuautle—Representación Bioarqueológica de la colectividad funeraria en San Sebastián Etla, Oaxaca

8:30   Arthur Joyce, Arion Mayes, Bethany Weisberg and Chris Morgan—The Bioarchaeology of the Cerro de la Cruz Cemetery

8:45   Jeffrey Blomster—Living on the Dead in the Mixteca Alta, Oaxaca

9:00   Angel Rivera—Un estudio sobre la iconografía de los huesos grabados de la Mixteca Baja


9:30   Arion Mayes, Sarah Barber, Arthur Joyce and Christopher Morgan—Intra-and-Inter Regional Variation of Dental Modification and Social Complexity: a Test Case from the Lower Río Verde Valley, Oaxaca

9:45   Ernesto Gonzalez-Licon—The Elite of Monte Albán as Biosocial Group. Methodological Considerations

10:00  Lourdes Marquez-Morfin and Ernesto Gonzalez-Licon—Children as Social Actors within the Domestic Group at Monte Albán, Oaxaca. Mexico

10:15  Andrea Cucina—Oaxaca and its Eastern Neighbors in Prehispanic Times: Population Movements from the Perspective of Dental Morphological Traits

10:30  Ricardo Higelin Ponce De Leon—The Bioarchaeological Paradigm of Human Remains Decay in the Zapotec Mortuary and Funerary Rituals

10:45  Martha Alfaro, Dr. Andrea L. Waters-Rist; and Danny Zborover—An Osteobiography of a Oaxacan Chontal Young Adult Female

11:00  Stacie King and Ricardo Higelin Ponce de Leon—Mortuary Practices in the Nejapa Region of Oaxaca, Mexico

11:15  Della Cook—Discussant

11:30  Vera Tiesler—Discussant

[411]   SYMPOSIUM I ITINERANT MATTERS AND HYBRID OBJECTS: RESEARCH ON MATERIAL TRANSFERS AND CONTACT PRODUCTS
Room: Golden Gate 5
Time: 8:00 AM - 12:00 PM
Program of the 80th Annual Meeting

Sunday Morning, April 19

Chairs: Maria Masucci and Isabelle Druc

Participants:

8:00  Alan Greene—Local, Regional, and Supra-Regional Political Economies in the Late Bronze Age South Caucasus: Unpacking the Contours of “Interaction”

8:15  Robert Tykot—Long Distance Material Movement in the Mediterranean: Obsidian Transport, Trade, and Technology

8:30  Peter Day and Vassilis Kilikoglou—Revealing the Common Ground: Technological Practice, Intrusive Shapes and Hybrid Pastes in the Kamos Group Pottery of Crete

8:45  Thilo Rehren, Maninder Gill and Ian Freestone—Cultural Transmissions and Indigenous Influences: Glazed Tiles from Mughal India

9:00  John Hoopes—Imitating from Memory: Hybrid Vessels and Attempted Replications of Stylistic Elements from Central Panama in the Pre-Hispanic Ceramics of Costa Rica

9:15  Patricia Netherly—Spondylus and Ideology: 5000 Years of Interaction between Manabi, the Circum-Gulf of Guayaquil Region and Northern Peru

9:30  Amber Anderson, Samuel Connell, Chad Gifford and Siobhan Boyd—Local and Inca Cross Regional Interactions: Studies from the Northern Ecuador Frontier

9:45  Lidio Valdez—Cultural Interaction and Cultural Change in the Peruvian Central Highland Valley of Ayacucho

10:00 Luis Armando Muro, Nino Del Solar, Luis Jaime Castillo and Remy Chapoulie —Characterizing the Relationship between Two Early States of the Andes: The Moche, The Wari and the Product of their Contact. An Archaeological and Archaeometric Perspective

10:15 Jennifer Siegler—Chimú-Inka Ceramics: Quantifying Differences between Colonial Forms and Their Influences

10:30 Thomas Hardy—Hybridized Objects and Colonization Practices: Ceramics from Minaspata, Cuzco, Peru

10:45 Scott Smith—The Politics of Connectivity at Khonkho Wankane, Bolivia

11:00 Veronica Williams—Wares in Moving: People, Technology and Political Issues in Northwest Argentina

11:15 Veronica Acevedo—Alfarería en las fronteras de La Quebrada de Humahuaca, Jujuy, Argentina (Ceramics at the borders of the Humahuaca Quebrada, Jujuy Argentina)

11:30 Beatrix Hoffmann-Ihde—Identifying Transcultural Processes: The Wayana-Apalai and Tiriyo example

11:45 Andrew Roddick—Discussant
[412] SYMPOSIUM: EXOTIC, LUSTROUS, AND COLORFUL: OBSIDIAN IN SYMBOL, SOCIETY, AND CEREMONY
(Sponsored by International Association for Obsidian Studies)
Room: Franciscan CD
Time: 8:00 AM - 12:00 PM
Chairs: Robin Torrence and Carolyn Dillian

Participants:
8:00 Ellery Frahm—Exploring Hominin Cognition via Palaeolithic Obsidian Provisioning, Transport, and Technology
8:15 Theodora Moutsiou—From Raw Material to Symbol of Social Value: Obsidian Movement in the Palaeolithic
8:30 Elizabeth Healey and Stuart Campbell—More Than Just a Shiny Stone? The Sources and Significance of Obsidian Found in Early State Contexts in the Near East
8:45 Kyle Freund, Robert Tykot and Andrea Vianello—A Longue Durée Approach to Obsidian Consumption and Social Value in Prehistoric Sicily (Italy)
9:00 Mara Mulrooney, Andrew McAlister, Christopher M. Stevenson and Alexander E. Morrison—Sourcing Rapa Nui mata’a from the Collections of Bishop Museum Using Non-Destructive pXRF
9:15 Rennie Horneman, Carl Lipo, Terry Hunt and Vincent Bonhomme—Morphometric Analysis of Stemmed Obsidian Tools from Rapa Nui (Easter Island, Chile)
9:30 Robin Torrence—More Than a Pretty Face? Exploring the Allure of Obsidian Valuables from Papua New Guinea
9:45 Pip Rath—Negotiating Social Identity through Practices with Stone
10:00 Marisa Lazzari and Marina Sprovieri—Weaving People and Places: A Long-Term Perspective on Obsidian Circulation and Social Value in NW Argentina
10:15 Karen Holmberg—The Vast and Secret Museum of Chiriquí: Stripping the Sharpness and Beauty from Obsidian
10:30 Jeanne Lopiparo—Crafting Houses for the Living and the Dead: Obsidian Production, Multicrafting, and Household Identities at a Classic Maya Center, Chinkikah, Mexico
10:45 Lucas Martindale Johnson—Preliminary Interpretations of the Reduction Technology and Distribution of Obsidian Cores at Caracol, Belize: Learning to Reconsider Maya “Eccentrics” and Social Relations of Ritual Objects
11:00 Carolyn Dillian—Evocative Stones: Variable Obsidian Source Use in Northern California
11:15 Steven Brandt—Not Always Shiny and Pretty: The Darker Side of Obsidian in Symbolizing Power, Ethnicity and Inequality in
Contemporary Ethiopia
11:30 Jeffrey Ferguson—Discussant
11:45 Tristan Carter—Discussant

[413] SYMPOSIUM PORTS, TRAILS, AND WATERWAYS: TRADE AND ECONOMY IN THE ANCIENT MAYA WORLD
Room: Continental Ballroom 4
Time: 8:00 AM - 12:00 PM
Chairs: Arthur Demarest and Heather McKillop
Participants:
8:00 Collin Gillenwater and Marilyn Masson—From Coast to Coast: Trade Routes and Commerce of Northwest Yucatán’s Mayapán
8:15 Anthony Andrews and Fernando Robles—An Intracoastal Waterway and Port System in Classic Period Northwest Yucatán, Mexico
8:30 Rafael Cobos—Chichén Itzá and Its Maritime Ports during the Terminal Classic Period
8:45 Thelma Noemi Sierra Sosa—El Comercio en el Norte de la Península de Yucatán Visto a Través del Sitio Clásico de Xcambó, Yucatán
9:00 Dominique Rissolo and Jeffrey B. Glover—Shifting Tides along the North Coast of Quintana Roo: Recent Research at Conil and Vista Alegre
9:30 David Freidel, Mary Jane Acuña and Carlos Chiriboga—Inland Ports in Northwestern Petén, Guatemala, a Preliminary Assessment
9:45 Matthew Moriarty and Ellen Moriarty—Overland Trade in the Central Maya Lowlands: The View from Trinidad de Nosotros, El Petén, Guatemala
10:00 Prudence Rice and Don Rice—Ixlu: A Postclassic Entrepôt on Lake Petén Itzá
10:30  E. Cory Sills, Linda Howie and Heather McKillop—Ancient Maya Trade and Communication as Evidence by Petrographic and Iconographic Analysis of Unit-Stamped Pottery

10:45  Heather McKillop—Wild Cane Cay, Southern Belize: Major Classic to Postclassic Maya Trading Port

11:00  Thomas Guderjan—Riverine and Maritime Trade Routes on Caribbean Side of the Yucatan Peninsula

11:15  Elizabeth Graham and Scott Simmons—Balance of Trade, Balance of Power: Marine and Riverine Networks in Belize

11:30  Robin Robertson and Debra Walker—Prospering in Place: Cerro Maya and the Late Preclassic Exchange Networks

11:45  Anthony Andrews—Discussant

[414]  SYMPOSIUM NEW PERSPECTIVES ON AGRICULTURAL ORIGINS (Sponsored by Archaeological Science Programs, The Australian National University; Comparative Pathways to Agriculture)

Room: Continental Ballroom 5
Time: 8:00 AM - 12:00 PM
Chairs: Dorian Fuller, Bruce Smith and Melinda Zeder

Participants:

8:00  Bruce Smith—Discussant

8:15  Gary Crawford—Niche Construction and Early Agriculture in Northeastern North America

8:30  Christine Hastorf—Agriculture is a State of Mind—The Andean Potato's Unending Domestication

8:45  Melinda Zeder—Feast or Famine: The Broad Spectrum Revolution Revisited

9:00  Eleni Asouti—Climate Instability and the Origin of Farming in Southwest Asia

9:15  Leilani Lucas and Dorian Fuller—De-Centering the Fertile Crescent: Multiple Pathways to Food Production

9:30  Jean-Denis Vigne—Discussant

9:45  Chris Stevens—Exploring the Multiple Pathways Towards Agriculture within China, the Case for Rice and Millets

10:00  Gyoung-Ah Lee—Niche Construction of Agricultural Communities in the Yiluo and Guanzhong Regions of Northern China in the Mid-Holocene

10:15  Charlene Murphy—Un-Entangling Pulse Domestication in South Asia

10:30  Eleanor Kingwell-Banham—From Wild Rice Harvesting to Domestic Rice Agriculture in South Asia
10:45 Huw Barton—Fallow Management and the Origins of Swidden Agriculture in the Tropics
11:00 Tim Denham—Early Cultivation Practices and Plant Domestication in New Guinea and Island Southeast Asia
11:15 Elisabeth Hildebrand and Anneke Janzen—The Nile vs. the Rift: Exploring Contrasts in the Spread of Food Production in Africa ~4200 bp
11:30 Fiona Marshall and Jose Capriles—Transport animals and Distinctive Pathways to Domestication
11:45 Dorian Fuller—Pastoral Pathways to Plant Domestication: Current Evidence for African Pearl Millet and Sorghum in Comparative Perspective

[415] Symposium Celebrating the 100th Anniversary of the Death of Primitive Economic Man: Nutritional Archaeology for the 21st Century
Room: Continental Ballroom 6
Time: 8:00 AM - 12:00 PM
Chair: Bryan Hockett
Participants:
8:00 Tim Ferguson—Human Ecology and the Economy: Illogical Responses to Resource Risk in Southern Nevada
8:15 R. Matson—The Nutritional Context of the Pueblo III Depopulation of the Northern San Juan: Too Much Maize?
8:30 Jaime Dexter Kennedy and Geoffrey M. Smith—Paleoethnobotany at LSP-1 Rockshelter, Lake County, OR: Assessing the Dietary Diversity of Plant Foods in Holocene Diet
8:45 Alexandra Greenwald, Jelmer Eerkens and Eric Bartelink—Childhood Diet and Foraging in Prehistoric Central California
9:00 Madonna Moss—The Nutritional Value of Pacific Herring: An Ancient Cultural Keystone Species on the Northwest Coast of North America
9:15 Jelmer Eerkens, Robert Bettinger and Ryan Nesbit—Shellfish and Nutrition in San Francisco Bay: Clues from Seasonality Studies
9:30 Wendy Nelson—Diet, Sex, and Fitness: The Nutritional Potential of the Fish Slough Cave Diet Revisited
9:45 Isabel Dos Santos, Luciana Sianto, Sheila Mendonça de Souza, Adauto Araújo and Sérgio de Miranda Chaves—Analysis of Food Remains in Human Coprolites from Furna do Estrago Prehistoric Site, Pernambuco State, Brazil
10:00 Barbara Klontz and Linda Scott Cummings—PaleoNutrition,
Coproites, and Hemachromatisis: What is the Connection?
10:15 Elizabeth Nelson and Christine Halling—Don’t Drink the Water: Differential Diagnosis of a Pathological Process Present at the Ray Site and Discussion of Environmental Context
10:30 M. J. Mosher—Can Epigenetic Mechanisms Illuminate Dietary Ancestry in Populations?
10:45 David Raubenheimer—The Nutritional Ecology of Human Obesity
11:15 Laura Buck, J. Colette Berbesque, Brian Wood and Chris Stringer—An Extant Example of Warm-Climate Forager Gastraphy and Its Implications for Extinct Hominin Diets
11:30 Liam Frink and Celeste Giordano—The Birth of Economic Woman
11:45 Bryan Hockett—Primitive Economic Man: R.I.P.

**[416] Symposium - Spanish to the Silicon: The Diversity of San Francisco Historical Archaeology**

**Room:** Plaza A  
**Time:** 8:00 AM - 12:00 PM  
**Chair:** Kari Lentz

**Participants:**
8:00 Randall Dean—Use of Archaeological Districts in San Francisco
8:15 Kari Jones—Before San Francisco: The Archaeology of El Polin Spring in the Presidio of San Francisco
8:30 Russell Skowronek and Ronald Bishop—Ceramic Production, Supply, and Exchange in the San Francisco Presidio Jurisdiction
8:45 Michelle Cross—A Freeway through the Past: The Replacement of Doyle Drive through the Presidio of San Francisco National Historic Landmark
9:00 Peter Gavette and Leo Barker—A Civil War Period Ossuary Pit, Point San Jose Hospital Site, San Francisco
9:15 Hannah Ballard and Elena Reese—Life on Grove Street: Victorian Households in Hayes Valley, San Francisco
9:30 Teresa Bulger—Poverty, Motherhood, and Childhood in 19th-Century San Francisco
9:45 Adrian Praetzellis and Mary Praetzellis—Archaeology of San Francisco Jews
10:00 Allison Vanderslice and Randall Dean—Assessing Archaeological Sensitivity in San Francisco
10:15 Nazih Fino—GIS Model Development for Historic Census Data in San Francisco
10:30 James Delgado—Archaeology of the Gold Rush Waterfront
10:45 Kari Lentz—Tokens of Travel: Material Culture of Transoceanic Journeys in San Francisco
11:00 James Allan—They Build Ships There: Gold-Rush San Francisco’s Maritime Industries
11:15 John Schlagheck, Dave Casebolt and Eloise Warren—A Mid-19th Century Lighter from San Francisco Bay’s Yerba Buena Cove: Context, Documentation and Conservation
11:30 Mark Walker and Whitney McClellan—Maritime Households in San Francisco
11:45 Randall Dean—Discussant

[417] General Session: Archaeology of the Bronze Age
Room: Continental Parlor 3
Time: 9:30 AM - 10:45 AM
Chair: Nadya Prociuk
Participants:
9:30 Nadya Prociuk—Marking Your Place: Exploring the Symbolic Communication of Identity in the Castro Culture of North-Western Portugal during the Bronze and Iron Ages
9:45 Jess Whalen—Feasting, Shared Drinking, and Social Complexity in Early Bronze Age Anatolia
10:00 Eleanor Reber—Wine or Wax?: Organic Residue Analysis on Pottery from the Early Bronze I at Nahal Tillah
10:15 Robert Schon—The Performativity of Measurement
10:30 Francesca Cadeddu—Settlement Strategies and Environmental Features in the Sardinian Bronze Age: a Remote Sensing Approach

Room: Golden Gate 8
Time: 10:15 AM - 11:45 AM
Chair: Michelle Turner
Participants:
10:15 Michelle Turner—The Appropriation of Native American Cultural Property: Comparing the U.S. and French Contexts
10:30  Patrick Hadel, Terendagva Yadmaa, Joan Schnieder and Jennifer Farquhar—Working Towards an Exportable Indigenous Heritage Management and Cultural Ranger Program in the Ikh Nart Nature Reserve, Mongolia
10:45  Beth Padon—Indifference, Inertia, Limited Budgets, and Preservation: Insights from Site Stewardship Programs
11:00  Ricardo Elia and Amalia Perez-Juez—Challenges in Integrating Archaeology into Late-Period Preservation Projects: An Example from Menorca, Spain
11:15  Daniel Thompson—Exploring the Ethics of Archaeological Site Prospection in Google Earth
11:30  Ilaria Meliconi—Publishing Masterclass
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 (posthumous) Hector Neff
- 2004 David Lewis-Williams
- 2005 George H. Odell
- 2006 Michael Brian Schiffer
- 2007 Robert L. Bettinger
- 2008 William Andrefsky, Jr.
- 2009 Judith Habicht-Mauche
- 2010 Timothy A. Kohler
- 2011 Steven Shackley
- 2012 James Skibo
- 2013 Gayle Fritz
- 2014 Harold Lewis Dibble

**Book Award**
Established in 1995 to honor a recently published book that has had, or is expected to have, a major impact on the direction and character of archaeological research. The prize was awarded for the first time at the 61st Annual Meeting.

- 1996 Mary C. Stiner
- 1997 Bruce D. Smith
- 1998 Carmel Schrire
- 1999 Thomas D. Dillehay
- 2000 Stephen Plog
- 2001 Mark Lehner
- 2002 Jon Muller
- 2003 Clive Gamble
- 2004 William W. Fitzhugh
- 2005 Elisabeth I. Ward
- 2006 Lewis Binford
- 2007 Anne-Marie Cantwell & Diana DiZerega Wall
- 2008 Kathleen Deagan & José María Cruxent
- 2009 Thomas F. King, Randall S.

**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 Lumbrañas Salcedo
- 2014 Luis Alberto Borroero

**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
- 1995 William A. Longacre
- 1996 Frederick Matson
- 1997 Prudence Rice
- 1998 Dean E. Arnold
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<td>2001</td>
<td>John D. “Jack” Holland</td>
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<td>2002</td>
<td>Laurence W. Spanne</td>
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<td>2003</td>
<td>John Milner Associates &amp; The</td>
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<td>General Services Administration</td>
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<td>2004</td>
<td>Linda Mayro</td>
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<td>2005</td>
<td>Arizona Site Steward Program</td>
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<td>2007</td>
<td>George Smith</td>
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<td>2008</td>
<td>John Walthall</td>
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<td>Mike Beckes</td>
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<td>2010</td>
<td>William H. Doelle</td>
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<td>2011</td>
<td>Nelly Robles Garcia</td>
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<td>2013</td>
<td>Henry D. Wallace</td>
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<td>2014</td>
<td>Mark Michel</td>
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<tr>
<td>1985</td>
<td>Clarence H. Webb, MD</td>
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<td>1987</td>
<td>Leonard W. Blake</td>
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<td>1988</td>
<td>Julian Dodge Hayden</td>
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<td>J. B. Stoltberger</td>
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<td>Jeff Carskadden</td>
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<td>James H. Word</td>
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<td>1997</td>
<td>Sidney Merrick Wheeler</td>
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<td>(posthumous) &amp; Georgia Nancy</td>
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<td>Wheeler Falls</td>
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<td>1998</td>
<td>Reca Jones</td>
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<td>1999</td>
<td>Gene L. Titmus</td>
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<td>2000</td>
<td>Richard P. Mason</td>
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<td>2001</td>
<td>John D. “Jack” Holland</td>
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<td>2002</td>
<td>Richard A. Bice</td>
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<td>2003</td>
<td>Dr. Guillermo Mata Amado</td>
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<td>2004</td>
<td>Robert Patten</td>
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<td>Eugene C. Winter, Jr.</td>
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<td>Karl Herbert Mayer</td>
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<td>Jay C. Blaine</td>
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<td>Paul Tanner</td>
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<td>Larry Kinsella</td>
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<td>George Poetschat</td>
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<td>2012</td>
<td>John T. Dowd</td>
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<td>2013</td>
<td>Edward and Diane Stasack</td>
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<td>2014</td>
<td>Francis H. “Frankie” Snow</td>
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<tr>
<td>1988</td>
<td>Judith A. Habicht Mauche</td>
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<td>(Harvard Univ)</td>
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<td>1990</td>
<td>David J. Bernstein (SUNY-</td>
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<td>Binghamton)</td>
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<td>1991</td>
<td>David Anderson</td>
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<td>(Univ of Michigan)</td>
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<td>1992</td>
<td>Lynette C. Norr</td>
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<td>1993</td>
<td>Cathy Lebo (Indiana Univ)</td>
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<td>1994</td>
<td>Mary Van Buren</td>
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<td>(Univ of Arizona)</td>
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<td>1995</td>
<td>David R. Abbott</td>
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<td>(Arizona State Univ)</td>
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<td>1996</td>
<td>Daniel R. Finamore</td>
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<td>(Boston Univ)</td>
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<td>1997</td>
<td>Alvaro Higuera-Hare</td>
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<td>(Univ of Pittsburgh)</td>
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<td>1998</td>
<td>Mark D. Varien</td>
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<td>(Arizona State Univ)</td>
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<td>1999</td>
<td>Karen G. Harry</td>
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<td>(Univ of Arizona)</td>
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<td>2000</td>
<td>Alex Barker</td>
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<td>(Univ of Michigan)</td>
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<td>2001</td>
<td>Andrew I. L. Duff</td>
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<td>(Arizona State Univ)</td>
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<td>2002</td>
<td>Silvia R. Kembel</td>
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<td>(Stanford Univ)</td>
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<td>2003</td>
<td>Wesley Bernardini</td>
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<td></td>
<td>(Arizona State Univ.)</td>
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</tbody>
</table>

**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. Stoltberger      
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 Falls
1998    Reca Jones             
1999    Gene L. Titmus         
2000    Richard P. Mason       
2001    John D. “Jack” Holland 
2002    Richard A. Bice        
2003    Dr. Guillermo Mata Amado
2004    Robert Patten         
2005    Eugene C. Winter, Jr.  
2006    Karl Herbert Mayer     
2007    Jay C. Blaine          
2009    Paul Tanner            
2010    Larry Kinsella         
2011    George Poetschat       
2012    John T. Dowd           
2013    Edward and Diane Stasack
2014    Francis H. “Frankie” Snow

**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)
<table>
<thead>
<tr>
<th>Year</th>
<th>Recipient</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>Ian G. Robertson</td>
<td>Arizona State Univ</td>
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<tr>
<td>2005</td>
<td>Severin M. Fowles</td>
<td>University of Michigan</td>
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<tr>
<td>2006</td>
<td>Elisabeth Hildebrand</td>
<td>Washington University</td>
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<tr>
<td>2007</td>
<td>Matthew Liebmann</td>
<td>University of Pennsylvania</td>
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<tr>
<td>2008</td>
<td>Kevin D. Fisher</td>
<td>University of Toronto</td>
</tr>
<tr>
<td>2009</td>
<td>Timothy C. Messner</td>
<td>University of Pennsylvania</td>
</tr>
<tr>
<td>2010</td>
<td>Sarah Clayton</td>
<td>Arizona State University</td>
</tr>
<tr>
<td>2011</td>
<td>Scott G. Ortman</td>
<td>Arizona State University</td>
</tr>
<tr>
<td>2012</td>
<td>Christopher Morehart</td>
<td>Northwestern University</td>
</tr>
<tr>
<td>2013</td>
<td>Amanda Logan</td>
<td>University of Michigan</td>
</tr>
<tr>
<td>2014</td>
<td>Matthew A. Peeples</td>
<td>Arizona State University</td>
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</table>

**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  
- 1980 Gordon Randolph Willey  
- 1981 Albert Clinton Spaulding  
- 1982 Jesse David Jennings  
- 1983 Hannah Marie Wormington  
- 1984 James Bennett Griffin  
- 1985 Emil Walter Haury  
- 1986 Waldo R. Wedel  
- 1987 William A. Ritchie  
- 1988 Richard B. Woodbury  
- 1989 Nathalie F. S. Woodbury  
- 1990 George Irving Quimby  
- 1991 Fred Wendorf  
- 1992 Douglas Schwartz  
- 1993 John E. Yellen  
- 1994 George J. Gumerman  
- 1995 Hester A. Davis  
- 1996 Stuart Struveer  
- 1997 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 Gamman 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. Glasscock  
- 2010 Jane Bukastra  
- 2011 R. Lee Lyman  
- 2012 Christine Hastorf  
- 2013 Anthony Aveni  
- 2014 Marvin W. Rowe

**DOUGLAS C. KELLOGG FUND FOR GEOARCHAEOLOGICAL RESEARCH**  
Under the auspices of the Society for American Archaeology’s Geoarchaeology Interest Group, family, friends, and close
associates of Douglas C. Kellogg formed a memorial fund in his honor. The fund will provide support of thesis or dissertation research, with emphasis on the field and/or laboratory parts of this research, for graduate students in the earth sciences and archaeology.

2003 Aleksander Borejsza
2005 Ian Buvitt
2006 Heidi Luchsinger
2007 Katherine A. Adelsberger
2008 Kurt Rademaker
2009 Benjamin R. Vining
2011 Teresa Wriston
2012 Joe D. Collins, JR.
2013 Craig Fertelmes
2014 Michael Auvalasit

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 Bennis C. Keel
2013 Henry Wright
2014 Jeremy Sabloff

DIENJE KENYON MEMORIAL FELLOWSHIP
The Dienje Kenyon Memorial Fellowship is presented in support of research by women students in the early stages of their archaeological training. It is presented in honor of Dienje Kenyon and was awarded for the first time in 2000.

2000 Rhonda Bathurst
2001 Briana Pobiner
2002 Elizabeth Espy
2003 Elizabeth Arnold
2004 Jamie Clark
2005 Michelle LeFebvre
2006 Sarah Elizabeth Mistak
2007 Jennifer L. Heenecke
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

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
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 HAWAIANS
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
2000 Leander Lucero
2001 Bonnie Lee Dzidasek
2002 Deona Dzidasek
2003 Michael Garcia
2004 Jamie Clark
2005 Lizatine A. Tosee
2006 Vera Asp
2007 Elizabeth Lein'Ala Kahave
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
346 Program of the 80th Annual Meeting

Robert Lynn Thomas
2007 Tracey Pierre
2008 Na’Lilma Ahuna
2009 Shianne Sebastian
Ira K. Matt
2010 Wesley D. Miles
Simon Solomon
2011 Robert James David
Kevin J. Brown
Liana Staci Hesler
2012 Joshua Castleman
Joel Nicholas
2013 Robert James David
Kevin J. Brown
Liana Staci Hesler
2014 Alicia Mary Olea

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 Iwailani Ching
2000 Randy Thompson
2001 Cynthia Williams
2002 Nola Markey
2003 Kaiewa Skye Arie Correa
2004 Sean P. Naleimiale
2005 Larae Buckskin
2006 Malia Kapuanalani Evans-Mason
2007 Ona Marek
2008 Marie Sina Faatuala
2009 Travis Maki
2010 Paulette Faith Steeves
2011 Kamakana Christian Ferreira
2012 Ashleigh Thompson
2013 Rebecca Heldenreich
2014 The Navajo Nation Archaeology Department

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

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

Fred Plog Memorial Fellowship
The Fred Plog Memorial Fellowship is named for a major archaeologist in Southwest research who also was an inspiring teacher.

1999 Sarah Herr
2001 Deborah Huntley
2005 Greg Schachner
2007 Michael Mathiowetz
2008 Deanna Grimstead
2009 Samuel Duwe
2010 Matthew Peeples
2011 William Reitze
2012 Joshua Watts
2013 Katherine Dungan
2014 Christopher W. Merriman and Kathryn J. Putsavage

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
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)
1998  Lisa Nagaoaka (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 Cochrane, Julie Field & Diana Greenlee (Student)  2006  James Feathers, Jack Johnson & Silvia Kembel (Professional)
2006  Ruth Dickau (Student)
2006  Robert Hard, Cynthia Muñez & Anne Katzenberg (Professional)
2007  Jeffrey Ferguson, Johner E. Eerkens & Michael Glasscock (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)

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 Reinhart  David Hurst Thomas
1992  Mark Leone  Jeremy A. Sabloff
1993  Jerald Milanič  Daniel G. Roberts  Bruce D. Smith  Steven Shelly

Paul Fish & Suzanne K. Fish  
Jonathan Lizee  
Toni Moore  
Carol Shull  
George Stuart  
Mark Aldenderfer  
David Anderson  
Roger Anyon & T. J. Ferguson  
Keith Kintigh  
Florence Lister  
Donna Seifert  
Joe Watkins  
1997  
Stephen Dyson for Archaeology Magazine 
Ed Friedman  
Janet Levy  
William Lovis  
Caryn Berg  
Susan J. Bender  
Judith A. Bense  
Jon S. Czaplicki  
Gary Feinman  
Linda Manzanilla  
Tristine Lee Smart  
George S. Smith  
Joe Watkins  
2000  
Lynne Goldstein  
James A. Goold  
Kurt E. Dongoske  
2001  
Mark Aldenderfer  
Patricia Gilman  
The Law Department of the National Trust for Historic Preservation  
Francis P. McManamon  
Ian W. Brown  
2002  
Michael J. Fanelli  
Donald Forsyth Craib  
Johna Hutira  
2003  
John Chamblee  
Fred Wendorf, Stuart Struver, & Doug Schwartz  
Garth Bawden  
Julie Hollowell-Zimmer & Chip Colwell-Chanthaphonh  
Erin Kuns  
William Longacre  
2004  
MATRIX Project  
SAA National Historic Landmarks Committee  
PEC Web Pages Working  
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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.
2001  George Brauer
2002  AnthroNotes
2003  Jeanne Moe
2004  Patricia Wheat-Stranahan
2005  Office of Archaeological Studies at the Museum of New Mexico
2006  Richard M. Pettigrew
2007  The 5th St. Cemetery Necrogeographical Study
2008  Texas Beyond History Website
2009  Center for American Archaeology
2010  Project Archaeology
2012  Education Outreach Program of the Office of Archaeological Studies
2014  Abby the ArchaeoBus: Society for Georgia Archaeology
New South Associates
Georgia Transmission Corporation
Georgia State University

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
        Speaker James C. Wright Jr.
1985    Secretary of the Interior Donald P. Hodel
1988    Rep. Charles E. Bennett
1989    Sen. Peter V. Domenici
1991    Secretary of the Interior Manuel Lujan Jr.
1992    The Archaeological Conservancy
1993    Constance Werner Ramirez
1994    James Beck
        Deborah Daniels
        Jeffrey Kent
        Larry Mackey
        Scott Newman
1995    Grand Canyon Trust
1996    Rep. Bill Richardson
1997    Rep. Phil English
1998    Loretta F. Neumann
1999    Secretary of the Interior Bruce Babbitt
2000    Wayne Dance
2003    Representative Leonard Boswell
2004    Paula Desio
2005    Sen. Jeff Bingaman
2008    Arc of Appalachia Preserve System, The Archaeological Conservancy, Wilderness East & The Ross County Parks Department

GENE S. STUART AWARD
Initiated in 1994 to enhance public understanding of archaeology and given each year for the best newspaper article or series focusing on archaeology. The award is named in honor of Gene Strickland Stuart, a writer and managing editor of National Geographic Society books who devoted her career to the presentation and interpretation of archaeology in a number of award-winning popular books.

1994    Scott LaFee (San Diego Union-Tribune)
1995    Nathan Seppa (Wisconsin State Journal)
1996    Matt Crenson (Dallas Morning News)
1997    (no award)
1998    Diedtra Henderson (Seattle Times)
1999    William Mullen (Chicago Tribune)
2000    Frank Roylance (Baltimore Sun)
2001    Mike Toner (The Atlanta Journal-Constitution)
2002    Chip Minty (The Daily Oklahoman)
2004    Alexandra Witze (Dallas Morning News)
2005    Marion Lloyd (Chronicle of Higher Education)
2006    Andrew Petkofsky
2007    Richard L. Hill
2008    Tom Avril (Philadelphia Enquirer)
2009    Andrew Lawler (Science Magazine)
2010    Andrea Cooper (freelance)
2011    Dan Vergano (USA Today)
2012    Mike Toner (American Archaeology)
2013    Julian Smith (American Archaeology)
2014    Ann Gibbons (Science Magazine)

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  
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  
2012    Sean B. Dunham  
2013    Bryn Letham  
2014    G. Logan Miller  

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.  

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2010    Brown University  
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2012    Northern Arizona University  
2013    University of California-Berkeley  
2014    University of California, Berkeley  

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ANNUAL MEETING SITES

1st Andover, MA. December 1935
2nd Washington, D.C. December 1936
3rd Milwaukee, WI May 1938
4th Ann Arbor, MI May 1939
5th Indianapolis, IN April 1940
6th Minneapolis, MN May 1941
7th Cincinnati, OH May 1942
8th (Because of travel difficulties and other wartime restrictions, the 1943 Annual Meeting was conducted by mail by the Executive Committee, whose actions were approved at the next Annual Meeting.)
9th Washington, D.C. May 1944
10th Washington, D.C. May 1945
11th Indianapolis, IN May 1946
12th Ann Arbor, MI May 1947
13th Milwaukee, WI May 1948
14th Bloomington, IN May 1949
15th Norman, OK May 1950
16th Evanston, IL May 1951
17th Columbus, OH May 1952
18th Urbana, IL May 1953
19th Albany, NY May 1954
20th Bloomington, IN May 1955
21st Lincoln, NE May 1956
22nd Madison, WI May 1957
23rd Norman, OK May 1958
24th Salt Lake City, UT May 1959
25th New Haven, CT May 1960
26th Columbus, OH May 1961
27th Tucson, AZ May 1962
28th Boulder, CO May 1963
29th Chapel Hill, NC May 1964
30th Urbana, IL May 1965
31st Reno, NV May 1966
32nd Ann Arbor, MI May 1967
33rd Santa Fe, NM May 1968
34th Milwaukee, WI May 1969
35th Mexico City, Mexico May 1970
36th Norman, OK May 1971
37th Bal Harbour, FL May 1972
38th San Francisco, CA May 1973
39th Washington, D.C. May 1974
40th Dallas, TX May 1975
41st St. Louis, MO May 1976
42nd New Orleans, LA April 1977
43rd Tucson, AZ May 1978
44th Vancouver, Canada April 1979
45th Philadelphia, PA May 1980
46th San Diego, CA April-May 1981
47th Minneapolis, MN April 1982
48th Pittsburgh, PA April 1983
49th Portland, OR April 1984
50th Denver, CO May 1985
51st New Orleans, LA April 1986
52nd Toronto, ON May 1987
53rd Phoenix, AZ April 1988
54th Atlanta, GA April 1989
55th Las Vegas, NV April 1990
56th New Orleans, LA April 1991
57th Pittsburgh, PA April 1992
58th St. Louis, MO April 1993
59th Anaheim, CA April 1994
60th Minneapolis, MN May 1995
61st New Orleans, LA April 1996
62nd Nashville, TN April 1997
63rd Seattle, WA March 1998
64th Chicago, IL March 1999
65th Philadelphia, PA April 2000
66th New Orleans, LA April 2001
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
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
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Accurex Dimensional Measurement
225 S. Chester Road
Suite 6
Swarthmore PA 19081-1919
#212
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.

American Anthropological Association
2200 Wilson Blvd
Ste 600
Arlington VA 22201-3357
#610
Founded in 1902, AAA is the world's largest organization of individuals interested in anthropology.

American Rock Art Research Association
201 W. Soloman
Midland TX 79705-3032
#600
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. Visit www.arara.org.

Antiquity
Department of Archaeology
Durham University
Durham DH1 3LE
United Kingdom
#306
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
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#416
The Archaeological Institute of America, founded in 1879, is 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 East 45th Street, 9E
New York NY 10017
#309
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.

Bartington Instruments Ltd.
10 Thorney Leys Business Park
Witney Oxon OX28 4GG
United Kingdom
#118
Bartington Instruments will be showing the new high stability Grad601 Magnetic Gradiometer for archaeological prospection and site survey. Also featured will be the MS@ Magnetic Susceptibility System for the location and investigation of archaeological sites with sensors for field and laboratory use including the new MS2H downhole sensor.

Beta Analytic Inc.
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USA
#201
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**Bureau of Land Management**
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Bakersfield CA 93308
USA
#415
The Bureau of Land Management manages some of the most significant heritage resources in the nation. This exhibit will provide information on opportunities for archaeological research and the promotion of research and teaching partnerships on the public lands. This includes proactive research, student project support and youth program development.

**Center for Applied Isotope Studies**
University of Georgia
120 Riverbend Road
Athens GA 30602-1510
#104
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**California State Parks**
Cultural Resources Division
1416 9th Street, Suite 902
Sacramento CA 95814
#601
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**Cambridge University Press**
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#300 & 302
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. Visit our website to see everything we do: www.cambridge.org/us/.

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#516
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CoDA - Center for Digital Archaeology
900 Larkspur Landing Circle, Suite 209, University of California Berkeley
Larkspur CA 94939
United States
#313
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Cotsen Institute of Archaeology At UCLA
308 Charles E. Young Dr. N A210 Fowler Building, Box 951510
Los Angeles CA 90095-1510
#106 & 108
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**Digital Antiquity**
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Department of Ancient History  
Macquarie University  
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