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78th Annual Meeting
Society for American Archaeology
April 3–7, 2013 • Honolulu, Hawaii
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• Rely on PRI to identify your charcoal prior to dating.
• We help you obtain the most accurate (representing your target occupation) dates possible.
• Our precision (to remove contaminants & obtain repeatable results) coupled with your sampling accuracy & our selection of the best items to date will build a database of dates that you can use for decades.
• Understand the mystery of “why do my dates look like that”. PRI assists with interpretation of your dates.

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Experience the PRI difference in radiocarbon dating and synergy of analyses. Get PRI involved in your project to integrate chronology, environment (pollen & phytolith analysis), and subsistence (macrofloral, pollen, phytolith, starch, protein residue, and organic residues-FTIR) for a more complete picture of the landscape and cultural activities. One-stop shopping for these analyses provides you with an integrated interpretation of the past. Established in 1972 - 40 years of experience.
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PROGRAM OF THE
78TH ANNUAL MEETING

April 3-7, 2013
Honolulu, Hawaii

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

Program of the 78th Annual Meeting
Published by the
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Awards Presentation & Annual Business Meeting

APRIL 5, 2013

5 PM  Call to Order

Call for Approval of Minutes of the 2013 Annual Business Meeting

Remarks
President W. Fredrick (Fred) Limp

Reports
Treasurer Alex W. Barker
Secretary Janet E. Levy
Executive Director Tobi A. Brimsek

5:30 PM  Presentation of Awards

Presentation Recognition Awards
Gene 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 Cultural Resource Management
Crabtree Award
Fryxell Award for Interdisciplinary Research
Award for Excellence in Latin American and Caribbean Archaeology
Lifetime Achievement Award

New Business
Ceremonial Resolutions
Transfer of Presidential Office

Remarks
President Jeffrey H. Altschul

6:30 PM  Adjournment
2013 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: Diane Gifford-Gonzalez
The President of the Society for American Archaeology presents this presidential award to Diane Gifford Gonzalez in recognition of her outstanding contributions to the Historically Underrepresented Groups Scholarship (HUGS) program and for her leadership in the development of a high quality proposal from the SAA to NSAF to obtain funding for the program.

PRESIDENTIAL RECOGNITION AWARD
Recipients: Susan Kane, Cori Wegener, Tim Melancon, and Serena Bellew
During the multinational Operation Unified Protector, Libya, there was almost no damage to the country’s extraordinary archaeological sites. The preservation of these irreplaceable resources was the direct result of the efforts of a group of individuals. Working closely together, they located and organized information on the sites and provided these to the operations planners. Individuals who played key roles were:

Susan Kane, as an archaeologist with detailed knowledge of Libya, recognized her information could be valuable for military planning in terms of site protection. Prof. Kane took the initiative to work with colleagues around the world to put together and provide a high quality, comprehensive data set.

Cori Wegener was the first serving Monuments Officer since World War II. Her tireless efforts in forming the US Committee of the Blue Shield and in encouraging ratification of the 1954 Hague Convention by the US Senate made possible the network of professionals used to ensure that the information provided by the archaeologists made it to the organizations at Defense and State who could use the information wisely.

Tim Melancon made sure that the cultural property data made it to the critical offices both at US DoD and NATO for operational planning and implementation. Serena Bellew’s work on behalf of cultural property protection in her role as the Deputy Preservation Officer at the US Department of Defense has contributed to a climate where the issue is recognized as a critical component for responsible operations in host nation settings.
PRESIDENTIAL RECOGNITION AWARD
Recipient: Melinda A. Zeder
The President of the Society for American Archaeology presents this presidential award to Mindy Zeder in recognition of her outstanding contributions in organizing and leading the Society’s and other archaeological organizations positive response to the National Geographic television show “Diggers” and for her efforts in organizing the 2012 national meetings presidential forum on archaeology and the press.

GENE STUART AWARD
Recipient: Julian Smith
Julian Smith, an award-winning author and writer for American Archaeology, has earned the 2013 Gene S. Stuart Award for his responsible and entertaining writing about the fascinating capabilities and inherent problems associated with virtual archaeology. “Virtually Recreating the Past” presents an ethically responsible and engaging view on the new methods being utilized in archaeology and the diverse ways by which both professionals and the public can use and benefit from the technology. His article describes many different virtual methods, including the use of 3D modeling on traditional sod houses in the Canadian arctic, an interactive educational game based on a Russian fur-trading outpost on the Northern California coast, and laser scanning of buildings at the Maya site of Copan. Julian Smith has delivered to the public a well-balanced article detailing the possibilities and benefits of virtual archaeology that all archaeologists can respect.

DIENJE KENYON FELLOWSHIP
Recipient: Shoshana Rosenberg

FRED PLOG MEMORIAL FELLOWSHIP
Recipient: Katherine Dungan

DOUGLAS KELLOGG FELLOWSHIP
Recipient: Craig Fertelmes

ARTHUR C. PARKER SCHOLARSHIP FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIANS
Recipient: Rebecca Heidenreich (The Navajo Nation)

NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIANS
Recipient: Alyssa Christine Bader (Alaska Native)
Recipient: Dylan Ray Jennings (Bad River Band of Lake Superior Ojibwe)
Recipient: Susan MaryLouise Peone (The Colville Confederated Tribe of Indians)

SAA NATIVE AMERICAN UNDERGRADUATE ARCHAEOLOGY SCHOLARSHIP
Recipient: Chi R. Woodrich (Bad River Band of Lake Superior Ojibwe)
SAA NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP
Recipient: Davina Two Bears (The Navajo Nation)

DISSERTATION AWARD
Recipient: Amanda Logan
Dr. Amanda Logan is the 2013 recipient of the Dissertation Award. This clearly written dissertation incorporates archaeological, ethnobotanical, ethnographic, and historical evidence to address change in foodways over the past 1000 years in Banda, west-central Ghana. Countering the frequent claim that African societies are in a permanent condition of food deficit, Logan illustrates how the culinary process is indicative of agentive investment at each stage of activity, from farming to cooking to consumption. The "Colombian exchange" brought many new foods to West Africa in particular, some of which appear to have been quite quickly adopted (e.g., tobacco) and others which only became widely used staples under conditions of post-slavery economic stress and British colonial practices of labor management and taxation (e.g., maize). Emphasizing the many stages of decisionmaking in food use, Logan writes eloquently about food and foodways while incorporating theory from a variety of disciplines to discuss the role of memory, gender dynamics, and migrations in creating new culture complexes.

BOOK AWARD: SCHOLARLY CATEGORY
Recipient: Elizabeth Arkush
Elizabeth Arkush’s Hillforts of the Ancient Andes: Colla Warfare, Society, and Landscape is the ideal combination of new data and relevant theory with connections and implications for larger anthropological issues of statecraft and warfare. She reviews ethnohistoric evidence on the Colla people of the southern Andes and anthropological literature on warfare before presenting results of her work in data-rich chapters. The use of cutting-edge technologies in aerial survey and GPS mapping complement traditional archaeological techniques and analyses to investigate the placement, building, and motivations for building hillforts. Her comparative chapter on fractured landscapes and fortification presents a model to explain divergent regional histories and trajectories of ancient complex societies based on warfare. In short, Dr. Arkush generates significant insights into the role of violence in shaping political organization and regional landscapes for regional specialists and those working beyond the Andes.
BOOK AWARD: PUBLIC AUDIENCE CATEGORY

Recipient: Patrick Kirch

Patrick Kirch’s *A Shark Going Inland Is My Chief: The Island Civilization of Ancient Hawaii* is a superbly written book for the layperson and scholar alike. Dr. Kirch explores a fundamental archaeological question – the emergence of divine kings and states – using accessible language and great storytelling. He draws upon half a century’s worth of archaeological experience in Hawaii and the Pacific to seamlessly weave together archaeological research, traditional knowledge and stories, and personal anecdotes to tell the tales of ancient Hawaii and the Hawaiians, from the initial colonization of the island archipelago by Lapita people from Polynesia through contact with the European world. Perhaps more important, Dr. Kirch keeps archaeology as the backbone of the narrative while skilfully combining other sources of knowledge about ancient Hawaii in this entertaining and insightful book.

AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS

Recipient: Gayle Fritz

Gayle Fritz has earned the SAA Award for Excellence in Archaeological Analysis for her lifetime commitment to furthering the theoretical frameworks and standards of analysis of paleoethnobotany in an ongoing effort to understand the origins of crop domestication in the Americas. Her work is foundational in demonstrating the theoretical interrelationships between paleoethnobotanical analyses and anthropological questions of gender, feasting, migration, and status. She was central to demonstrating that eastern North America harbored an independent center of domestication. Always with an eye on and deep respect for data, Gayle Fritz brings high and innovative standards of method and technique to her work, whether in the field or the laboratory, and has influenced multiple generations of paleoethnobotanists, as both teacher and mentor. She continues to expand her own horizons through research on crop domestication in Central Asia. Gayle Fritz’s career embodies the primacy of data, centered in high level analyses, to archaeology.

AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT

Recipient: Henry D. Wallace

Henry D. Wallace has earned the SAA Excellence in Cultural Resources Management Award for his exceptional and pivotal research on the Hohokam of southern Arizona. His 32 years of research, from directing numerous survey and excavation projects, has resulted in a regional perspective and refinement of temporal and dynamic changes in Hohokam settlement patterns over time. Some highlights of his research include building a chronology of rock art styles; ceramic research that has allowed the refinement of chronological intervals to a generational scale in the Hohokam region; and understanding how village formation and community structure change through time and across large regional scales. His research in CRM has enabled a broad and insightful view and understanding of the Hohokam world, their social organization, settlement structure, patterns of political leadership, and ritual influence, deriving from research that goes far beyond a simple view of the archaeological record.
CRABTREE AWARD
Recipient: Edward and Diane Stasack
Edward and Diane Stasack are role models for avocational archaeologists dedicated to serving archaeology and the public. Like Don Crabtree, they have been drawn to a particular material aspect of the past, in this case rock art, and through their enthusiasm for this class of material, they have expanded the realm of what we know. The Stasacks have been recording rock art in Hawai‘i and Arizona for several decades, producing more than 50 reports, publications, and presentations on more than 80 sites. This massive effort continues today. They introduced many new methodologies for recording rock art in Hawai‘i, and their inventories include not just images but the microenvironments in which the petroglyphs were placed, rises and depressions, cracks, and viewscapes for each petroglyph. The Stasacks have trained students, volunteers, and staff at various institutions in their methods. The enormous database that they have assembled informs their own research and will inform that of others in the future.

THE FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH
Recipient: Anthony F. Aveni
Anthony F. Aveni has earned the Society for American Archaeology's Fryxell Award for Interdisciplinary Research (Earth Sciences) based on his prominent role in developing the interdisciplinary fields of archaeoastronomy and cultural astronomy, as well as his service to the profession through scholarship, student training, and public dissemination. Dr. Aveni's extraordinary contributions to archaeology have included the integration of the scientific and humanistic studies of astronomical principles in ancient calendars, record keeping, urban planning, architectural design, and cosmologies. He has undertaken fieldwork in Mesoamerica, the Andes, the American Southwest, Italy, Israel, and other parts of the globe, often incorporating student training through study groups run through his long-standing home institution, Colgate University. The methodologies that Anthony Aveni has developed and taught to generations of students for rigorously testing astronomical assertions within the cultural framework of anthropological archaeology represent a most laudable contribution to the field.
AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY

Recipient: Luis Guillermo Lumbreras Salcedo

Luis Guillermo Lumbreras Salcedo has earned the Award for Excellence in Latin American and Caribbean Archaeology 2013 for his contributions to the practice and institutional development of Latin American archaeology and to the construction and dissemination of archaeological knowledge. His outstanding research in Peru has provided an important model for theoretical and methodological approaches elsewhere and has inspired many generations of colleagues and students in the Americas. It is clear that he has been a highly influential and visionary leader of Andean archaeology. The breadth and depth of the impacts stemming out of his theoretical and substantive works are historic and without comparison among his Andean and Andeanist contemporaries. He is one of the few archaeologists who has developed theoretical views that challenge and offer viable alternatives to the traditional paradigms. His ideas have transcended political boundaries. His book, *Archaeology as a Social Science*, has been one of the most influential writings in Latin America and beyond. He has served to bridge the Andean and Andeanist intellectual traditions.

LIFETIME ACHIEVEMENT AWARD

Recipient: Henry Wright

Henry Wright is the 2013 recipient of the SAA Lifetime Achievement Award. In his career, he has made transformative contributions to archaeological theory and method, and has conducted important research in North America, Mesopotamia, Africa, and China. He exemplifies the highest qualities of enduring scholarship, teaching, service, and outreach, both nationally and internationally. Henry Wright is the consummate field archaeologist, always working with strong theoretical engagement. His fieldwork has focused on the emergence of the world's earliest states, although he has also investigated a wide range of other topics. Henry Wright's contributions to scholarship have been acknowledged by a MacArthur Fellowship in 1993, election to the National Academy of Sciences in 1994, and a Gold Medal for Distinguished Archaeological Achievement from the Archaeological Institute of America in 2009. At the University of Michigan, he was awarded a Collegiate Professorship in 2001 and the Albert C. Spaulding Distinguished University Professorship in 2006.
Hilton Hawaiian Village ■ Mid-Pacific Conference Center

The Village Green is centrally located near the Ocean Crystal Chapel and the Main Lobby.
Hilton Hawaiian Village ■ Kalia Executive Conference Center
SOCIETY FOR AMERICAN ARCHAEOLOGY
78TH ANNUAL MEETING

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University of North Florida

Program Assistant
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Crow Canyon Archaeology Center

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Cheng Zhang  
Manager, Information Services

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Coordinator, Financial and Administrative Services

Alyssa Barnett  
Coordinator, Membership and Meetings
MEETING ROOM LOCATIONS
As meetings are scheduled at the Hilton Hawaiian Village, and the Hawaii Convention Center, the following location designators will be used in conjunction with room names/numbers:
HHV=Hilton Hawaiian Village
HCC= Hawaii Convention Center

ABSTRACTS
Printed abstract books are no longer offered. Instead, the abstracts were made available to all on the public side of SAAweb prior to the meeting.

Onsite, in the Kamehameha Exhibit Hall III Registration Area for the Hawaii Convention Center (HCC), will be an Abstract Viewing Center where you will be able to reference the abstracts at your convenience through a bank 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 Ballroom A at the Hawaii Convention Center (HCC).

CULTURAL RESOURCES MANAGEMENT CAREER EXPO
The CRM Expo is on hiatus in Hawaii.

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.

EMPLOYMENT SERVICE CENTER
SAA’s Employment Service Center (ESC) provides the resources you need to find the perfect match—job announcements posted for maximum visibility, résumés available for on-site review, and reserved interview space. Hours for the ESC are listed on page 20. Résumés and job descriptions may be registered with the service throughout the meeting. Interview space will be available by reservation, and message forms will be provided and box numbers assigned for use in the employment service message center. This service is free to employers and SAA members.

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 4 from 9 am to 5 pm; Friday, April 5 from 9 am to 5 pm; and Saturday, April 6 from 9 am to 5 pm in the Kamehameha Exhibit Hall III (HCC) at the Hawaii Convention Center.

GUEST BADGES
Guest Badges were initiated for immediate family members who are non-archaeologists and who need access to the meeting venue as guests of meeting registrants. Guest badges are available only to immediate family members of a registered meeting attendee (assuming the guest is a non-archaeologist). Immediate family includes spouse/partner, parents, and children. Friends, colleagues, and other relatives are not eligible for guest badges. The registrant must purchase a guest badge which the guest must display at the meeting venue. Guest badges simply provide access to the meeting venue. Guests are not “meeting attendees.” If a guest badge is to be purchased on-site, the meeting registrant must accompany the guest to registration. Accompanied children 12 years of age or under are not required to display a guest badge. Unaccompanied children may not attend
Program of the 78th Annual Meeting

the annual meeting.

**HOSPITALITY DESK**
The Hospitality Desk at the Hawaii Convention Center will be staffed by the folks from “Where Hawaii” during the meeting. Hospitality Desk hours:
- **Wednesday** 4/3 – 7am-5pm
- **Thursday** 4/4 – 7am-5pm
- **Friday** 4/5 – 7am-5pm
- **Saturday** 4/6 – 7am-5pm

**MESSAGE CENTER**
A self-service message center will be located in the Registration Area in the Kamehameha Exhibit Hall III (HCC) on Wednesday from 2 to 8 pm, Thursday from 7 am to 6:30 pm, Friday from 7 am to 4:45 pm, Saturday from 7 am to 5 pm, and Sunday from 7 am to 11:45 am. Please check the video monitor at the center to determine if a message has been left for you.

**OFFICE**
From Monday, April 1 to Wednesday early morning, April 3, the SAA Staff Office is located at the Hilton Hawaiian Village in the Sea Pearl Suite I-II (HHV). From Wednesday to Sunday, the SAA Staff Office will be located at the Hawaii Convention Center in Room 328 (HCC).

**OPENING SESSION/PRESIDENT’S FORUM**
The opening session/President’s forum, The Future of Archaeology: Engagement with Descendant Communities, will be on Wednesday April 3 in the Coral Ballroom III,IV,V (HHV) at the Hilton Hawaiian Village from 6:00 to 8:00 pm.

**POSTER SESSIONS**
ALL POSTER SESSIONS ARE TWO-HOUR SLOTS.
Poster sessions will be conducted in the Kamehameha Exhibit Hall III Foyer of the Hawaii Convention Center 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 Room 327, (HCC) will be open Wednesday through Saturday, 9 am to 5 pm, and on Sunday, 9 am to 12 noon.

**REGISTRATION**
Registration is located in the Kamehameha Exhibit Hall III Registration Area of the Hawaii Convention Center (HCC). 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 to 8 am. Individuals who registered by March 4, 2013 can pick up their registration packets at the Advance Registration counters. Individuals who have not registered in advance should report to the On-site 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 422 in the Kamehameha Exhibit Hall III (HCC) 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 at Saturday at noon.

**SMOKING POLICY**
Smoking in meeting rooms 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 Room 321 (HCC). 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.

WELCOME RECEPTION – ALL STUDENT
MEMBERS, NEW MEMBERS, FIRST-TIME
MEETING ATTENDEES AND SAA’S TASK
FORCE AND COMMITTEE VOLUNTEERS
You are invited to a reception
Wednesday evening from 9 pm at the
Hilton Hawaiian Village in the Coral
Ballroom I-II (HHV). The Society’s Board
of Directors, as hosts, will provide a soft
drink ticket for those registered for the
reception; it may be exchanged for a
soft drink or applied toward the
purchase of an alcoholic beverage.
Meeting participants who registered in
advance for this reception will find the
drink ticket in their registration packets.

FEATURED SESSIONS

Opening Session/President’s Forum
The Future of Archaeology:
Engagement with Descendant
Communities
Date: Wednesday, April 3, 2013
Time: 6:00 pm–8:00 pm
Location: Coral Ballroom III,IV,V (HHV)

The Ethics Bowl
Date: Thursday, April 4
Time: 1:00 pm–3:00 pm
Location: 319A (HCC)
The Ethics Bowl, which debuted at the
2004 meeting, is a festive, debate-style
competition that explores the ethics of
archaeological practice.

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
Kamehameha Exhibit Hall III (HCC),
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>
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<td>Employment Service Center</td>
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<td>Room 302 (HCC)</td>
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<tr>
<td>Speaker Ready Room</td>
<td>2pm to 8pm</td>
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<tr>
<td>Press Office</td>
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<tr>
<td>Exhibits</td>
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<td>Kamehameha Exhibit Hall III (HCC)</td>
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<td>Kamehameha Exhibit Hall III (HCC)</td>
<td>Kamehameha Exhibit Hall III (HCC)</td>
</tr>
</tbody>
</table>
Tuesday, April 2
7:30 am–6:00 pm
Coral I-II (HHV)
Mid-Pacific Conference Center
Paleoanthropology Society Annual Meeting
(separate registration required)

8:30 am–5:00 pm
South Pacific I (HHV)
Mid-Pacific Conference Center
Association of Transportation Archaeologists Annual Meeting

3:00 pm–6:00 pm
Coral Lounge (HHV)
Mid-Pacific Conference Center
Paleoanthropology Society Annual Meeting
Poster Sessions

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

Wednesday, April 3
2:00 pm–8:00 pm
Meeting Registration

6:00 pm–10:00 pm
Child care available through Accent on Children’s Arrangements Inc.

7:30 am–7:00 pm
Coral Ballroom I-II (HHV)
Mid-Pacific Conference Center
Paleoanthropology Society Meeting
(separate registration required)

7:00 am–8:00 am
Ilima Board Room (HHV)
Kalia Executive Conference Center-Kalia Tower
SAA Board of Directors—New Board Member Orientation

8:00 am–4:45 pm
Ilima Board Room (HHV)
Kalia Executive Conference Center-Kalia Tower
SAA Board of Directors Meeting

8:30 am–5:00 pm
South Pacific I (HHV)
Mid-Pacific Conference Center
Association of Transportation Archaeologists Annual Meeting (cont.)

8:30 am–5:00 pm
South Pacific II (HHV)
Mid-Pacific Conference Center
Project Archaeology Coordinators Meeting

9:00 am–1:00 pm
Excursion Joint POW/MIA Command (JPAC) Central Identification Laboratory (CIL)

12:30 pm–4:00 pm
Lehua Suite (HHV)
Kalia Executive Conference Center-Kalia Tower
RPA Board Meeting

1:00 pm–4:00 pm
South Pacific III (HHV)
Mid-Pacific Conference Center
National Association of State Archaeologists Annual Meeting

1:00 pm–5:00 pm
Sea Pearl IV (HHV)
Mid-Pacific Conference Center
Workshop Faunal Data Entry and Integration in tDAR

6:00 pm–8:00 pm
Coral Ballroom III, IV, V (HHV)
Mid-Pacific Conference Center
Opening Session/President’s Forum: The Future of Archaeology: Engagement with Descendant Communities

9:00 pm–10:00 pm
Coral Ballroom I-II (HHV)
Mid-Pacific Conference Center
Student, New Member, First Timer & Committee Reception

Thursday, April 4
7:00 am–8:00 pm
Meeting Registration

7:30 am–10:30 pm
Child care available through Accent on Children’s Arrangements Inc.

7:00 am–6:00 pm
FameLab 325 (HCC)

8:00 am–10:00 am
South Pacific I (HHV)
Mid-Pacific Conference Center
Council of Councils Meeting
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:45 am–12:30 pm</td>
<td>Excursion Lyon Arboretum and Botanical Garden</td>
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<tr>
<td>12:15 pm–12:45 pm</td>
<td>South Pacific I (HHV)</td>
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<td>Mid-Pacific Conference Center</td>
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<tr>
<td></td>
<td>Zooarchaeology and Bone Technology Interest Group Meeting</td>
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<tr>
<td>2:00 pm–3:00 pm</td>
<td>Presidents’ Suite Fundraising Committee Meeting</td>
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<tr>
<td>2:00 pm–3:00 pm</td>
<td>South Pacific II (HHV)</td>
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<td>Mid-Pacific Conference Center</td>
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<td>Meeting of Latin American Antiquity Advisory Board</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Coral I-II (HHV)</td>
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<td>Mid-Pacific Conference Center</td>
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<td>Crabtree Award Committee Meeting</td>
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<td>4:00 pm–6:00 pm</td>
<td>Coral I-II (HHV)</td>
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<td></td>
<td>Mid-Pacific Conference Center</td>
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<td>Committee on Curriculum Meeting</td>
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<td>4:00 pm–6:00 pm</td>
<td>Coral I-II (HHV)</td>
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<td>Mid-Pacific Conference Center</td>
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<td>Committee on Ethics Meeting</td>
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<td>4:00 pm–6:00 pm</td>
<td>Coral I-II (HHV)</td>
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<td></td>
<td>Mid-Pacific Conference Center</td>
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<td>Government Affairs Committee Meeting</td>
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<td>4:00 pm–6:00 pm</td>
<td>Coral I-II (HHV)</td>
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<td>Mid-Pacific Conference Center</td>
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<td>International Government Affairs Committee Meeting</td>
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<td>4:00 pm–6:00 pm</td>
<td>Coral I-II (HHV)</td>
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<td>Mid-Pacific Conference Center</td>
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<td>Investment and Finance Committee Meeting</td>
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<td>4:00 pm–6:00 pm</td>
<td>Coral I-II (HHV)</td>
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<td>Mid-Pacific Conference Center</td>
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<td>Lifetime Achievement Award Committee Meeting</td>
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<td>4:00 pm–6:00 pm</td>
<td>Coral I-II (HHV)</td>
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<td>Mid-Pacific Conference Center</td>
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<td></td>
<td>Program of the 78th Annual Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td>Minority Scholarships Committee Meeting</td>
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<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td></td>
<td>Museums, Collections, and Curation Committee Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td>Native American Relations Committee Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td></td>
<td>Native American Scholarships Committee Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td>Public Education Committee Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td></td>
<td>Committee on the Status of Women in Archaeology Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td>Student Affairs Committee Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td>Student Paper Award Committee Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td></td>
<td>Council of Affiliated Societies Annual Business Meeting</td>
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<tr>
<td>4:00 pm–6:00 pm</td>
<td>Mid-Pacific Conference Center</td>
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<td></td>
<td>RPA Awards Ceremony</td>
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</table>
5:30–7:00 pm
Hibiscus Suite (HHV)
Kalia Executive Conference Center-Kalia Tower
Women’s Networking Reception

6:00 pm–7:00 pm
Ilina Board Room (HHV)
Kalia Executive Conference Center-Kalia Tower
History of Archaeology Interest Group Meeting

6:00 pm–7:00 pm
Lehua Suite (HHV)
Kalia Executive Conference Center-Kalia Tower
Interest Group on Indigenous Populations Meeting

6:00 pm–7:00 pm
Nautilus I (HHV)
Mid-Pacific Conference Center
Fiber Perishables Interest Group Meeting

6:00 pm–7:00 pm
Nautilus II (HHV)
Mid-Pacific Conference Center
Prehistoric Quarry and Early Mines Interest Group Meeting

6:30 pm–7:30 pm
Kahili Suite (HHV)
Kalia Executive Conference Center-Kalia Tower
Geoarchaeology Interest Group Meeting

7:00 pm–7:30 pm
Hibiscus Suite (HHV)
Kalia Executive Conference Center-Kalia Tower
Business Meeting

7:00 pm–9:00 pm
Coral IV (HHV)
Mid-Pacific Conference Center
FameLab

Friday, April 5
7:00 am–4:00 pm
Meeting Registration

7:30 am–7:00 pm
Child care available through Accent on Children’s Arrangements Inc.
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>3:00 pm–4:30 pm</td>
<td>South Pacific I (HHV)</td>
<td>Forensic Archaeology Recovery Annual Meeting</td>
</tr>
<tr>
<td>6:45 pm–7:45 pm</td>
<td>Ilima Board Room (HHV)</td>
<td>SAA Board of Directors Meeting</td>
</tr>
<tr>
<td>6:45 pm–8:00 pm</td>
<td>Kahili Suite (HHV)</td>
<td>Kalia Executive Conference Center-Kalia Tower</td>
</tr>
<tr>
<td>6:45 pm–8:45 pm</td>
<td>Hibiscus Suite (HHV)</td>
<td>Society for Archaeological Sciences Business Meeting</td>
</tr>
<tr>
<td>7:00 pm–8:00 pm</td>
<td>Lehua Suite (HHV)</td>
<td>Native American Welcome Reception</td>
</tr>
<tr>
<td>7:00 pm–8:00 pm</td>
<td>South Pacific I (HHV)</td>
<td>Emalani Auditorium Room 320 (HCC)</td>
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<tr>
<td>6:30 am–4:00 pm</td>
<td>Kahili Suite (HHV)</td>
<td>SAA Board of Directors Meeting</td>
</tr>
<tr>
<td>6:30 am–4:00 pm</td>
<td>Hibiscus Suite (HHV)</td>
<td>Kalia Executive Conference Center-Kalia Tower</td>
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<tr>
<td>6:30 am–4:00 pm</td>
<td>Ilima Board Room (HHV)</td>
<td>Society for Archaeological Sciences Business Meeting</td>
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<tr>
<td>7:00 am–4:00 pm</td>
<td>Meeting Registration</td>
<td>Rock Art Interest Group Meeting</td>
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<tr>
<td>7:30 am–10:30 pm</td>
<td>Accent on Children’s Arrangements Inc.</td>
<td>Breakfast with the Board</td>
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<tr>
<td>8:15 am–4:45 pm</td>
<td>Ilima Board Room (HHV)</td>
<td>Native American Welcome Reception</td>
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**Saturday, April 6**

<table>
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<tr>
<th>Time</th>
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<th>Event Description</th>
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<tr>
<td>6:30 am–4:00 pm</td>
<td>Kahili Suite (HHV)</td>
<td>Society for Archaeological Sciences Business Meeting</td>
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<tr>
<td>7:00 am–8:00 am</td>
<td>Kahili Suite (HHV)</td>
<td>Kalia Executive Conference Center-Kalia Tower</td>
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<tr>
<td>7:00 pm–9:00 pm</td>
<td>Special Event SAA Authentic Hawaiian Lu’au</td>
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**Sunday, April 7**

<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Event Description</th>
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<tr>
<td>7:00 am–8:00 am</td>
<td>South Pacific II (HHV)</td>
<td>Public Archaeology Interest Group</td>
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<tr>
<td>7:30 am–12:30 pm</td>
<td>Accent on Children’s Arrangements Inc.</td>
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</table>
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.

**General Session**—Consists of Posters, Contributed Papers (15 minutes), or Research Reports (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**—Generally, a group of 15-minute presentations on a well-defined theme submitted together by an organizer. The organizer may or may not also chair the Symposium. 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.

Any of these sessions may be “sponsored” and/or “invited.” The designation “sponsored” indicates the support 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 now 2 hours in duration. Please check for the new schedule for these sessions on Thursday, Friday, and Saturday in the Summary Schedule as well as in the Sessions at a Glance.*

SAA’s 79th Annual Meeting in 2014!

Plan now to attend the SAA 79th Annual Meeting in Austin, TX, April 23–27, 2014. 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 Austin will open on May 1, 2013.
Saturday April 6, 2013

Student Day is an opportunity for high school and undergraduate students to experience a professional meeting. Student Day registrants have all-day access to the Annual Meeting, plus special Learning Labs and other events developed exclusively for Student Day and hosted by the Student Affairs Committee.

*Please Note: ALL student meeting registrants – not just those registered for Student Day – are invited to attend Student Day special events.

At Student Day, you can:
- Meet and talk with professional and student archaeologists
- Attend Learning Labs and other special events
- Chat with Maureen Malloy, SAA’s Manager, Education & Outreach about different career paths (12:00pm-1:30pm at SAA Booth in the Exhibit Hall and 4pm at Wrap-Up)
- Visit the Exhibit Hall to explore fun archaeological products, the newest publications, and gather information on selected archaeology programs
- Have your questions answered by your very own mentor!

Special Student Day Event Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>6:30 am – 4:00 pm</td>
<td>Student Day Registration</td>
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<tr>
<td>8:00 – 8:50 am</td>
<td>Welcome and Kick-Off</td>
<td><strong>Emalani Auditorium Room 320 (HCC)</strong></td>
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<td></td>
<td>Meet other students, and representatives from various SAA groups</td>
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<tr>
<td>9:00 – 9:50 am</td>
<td>Learning Lab 1 – The SAA and Your Future Career in Archaeology</td>
<td><strong>Emalani Auditorium Room 320 (HCC)</strong></td>
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<td>How to plan your career in archaeology, and how to use the tools the SAA provides</td>
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<tr>
<td>10:00 – 10:50 am</td>
<td>Learning Lab 2 – Getting the Job: Walking through the Application Process</td>
<td><strong>Emalani Auditorium Room 320 (HCC)</strong></td>
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<td>Walk through the basics of applying for a job, from writing the initial email to composing the cover letter, and getting the interview</td>
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<tr>
<td>11:00 – 11:50 am</td>
<td>Learning Lab 3 – Working the Room: How to Network without Getting Overwhelmed</td>
<td><strong>Emalani Auditorium Room 320 (HCC)</strong></td>
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<td></td>
<td>How to put your best self forward and overcome shyness, as well as contacting other departments or institutions</td>
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<tr>
<td>12:00 – 1:00 pm</td>
<td>Lunch Break On Your Own</td>
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<tr>
<td>1:00 – 1:30 pm</td>
<td>Tour of the SAA 78th Annual Meeting</td>
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<tr>
<td>1:30 – 4:00 pm</td>
<td>Free time for sessions and Exhibit Hall</td>
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<tr>
<td>4:00 pm</td>
<td>Wrap-up</td>
<td><strong>Emalani Auditorium Room 320 (HCC)</strong></td>
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<tr>
<td>Session Details</td>
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<td>Hilton Hawaiian Village</td>
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<td><strong>Wed. April 3</strong></td>
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<td><strong>6:00 PM</strong></td>
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<tr>
<td>18 President’s forum: The Future of Archaeology</td>
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<td><strong>7:00 PM</strong></td>
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<td><strong>10:00 PM</strong></td>
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<td><strong>Thurs April 4</strong></td>
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<td><strong>8:00 AM</strong></td>
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<tr>
<td>306A 1 Symposium: Multidisciplinary Research and Current</td>
<td>306B 3 General Session: Archaeology of Western Asia and the</td>
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<tr>
<td><strong>9:00 AM</strong></td>
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<tr>
<td>318A 2 Symposium: Global Patterns of Shellfish Exploitation</td>
<td>31 Forum: The State of Mongolian Cultural Heritage Today</td>
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<tr>
<td><strong>10:00 AM</strong></td>
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<tr>
<td>305A 11 General Session: New Insights and Data in Hominid Biological and</td>
<td>301B 4 Forum: The Development of a Formal Middle Formative</td>
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<tr>
<td><strong>11:00 AM</strong></td>
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<tr>
<td>301B 4 Forum: The Development of a Formal Middle Formative</td>
<td>307 3 General Session: Lithic Sourcing</td>
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<td><strong>12:00 PM</strong></td>
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<tr>
<td><strong>Kamehameha Exhibit Hall III Foyer</strong></td>
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<tr>
<td>5-9 Poster Sessions</td>
<td>37-42 Poster Sessions</td>
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<tr>
<td>303B 10 Symposium: Space and Aviation Heritage: An Archaeological and</td>
<td>34 Symposium: From Pinyon Canyon to</td>
<td></td>
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<tr>
<td><strong>305A 11 General Session: New Insights and Data in Hominid Biological and</strong></td>
<td><strong>36 General Session: Organization of</strong></td>
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<tr>
<td>**318B 12 Symposium: California Aboriginal Sociopolitical Groups, Boundaries,</td>
<td><strong>44 General Session: Chopping</strong></td>
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<tr>
<td>**319A 13 Symposium: Space and Aviation Heritage: An Archaeological and Historic</td>
<td><strong>45 General Session:</strong></td>
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<tr>
<td>316A 14 Symposium: Complex Social Worlds: Exploring Epistemologies and Ontologies</td>
<td><strong>46 General Session:</strong></td>
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<tr>
<td>301A 15 Symposium: Cities, large villages, or neither? The conundrum of Cahokia, the</td>
<td><strong>43 General Session:</strong> Symbols and</td>
<td></td>
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<tr>
<td>317A 16 General Session: New Insights in Southwestern Archaeology</td>
<td><strong>47 General Session:</strong></td>
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<tr>
<td>314 17 Symposium: Multiethnic Population in neighborhood centers at Teotihuacan: a view from</td>
<td><strong>48 General Session:</strong></td>
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<tr>
<td>316C 18 Symposium: Rock Art in Broad Perspective: Method and Interpretation in Contemporary</td>
<td><strong>49 General Session:</strong></td>
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<tr>
<td>306A 19 Symposium: South American Ceramics</td>
<td><strong>50 General Session:</strong></td>
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<td>309 20 Symposium: Old Dogs, New Tricks: Recent Research on Dogs in the Past</td>
<td><strong>51 General Session:</strong></td>
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<td>324 21 Symposium: Xultun: Recent Investigations at a Classic Maya Metropolis in the Northeast Peten</td>
<td><strong>52 General Session:</strong></td>
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<tr>
<td>316B 22 Symposium: Korean Prehistory: Current Multidisciplinary Perspectives</td>
<td><strong>53 General Session:</strong></td>
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<td>317B 23 Symposium: NEW DIRECTIONS IN MODELING DYNAMICS FOR COUPLED SOCIAL-NATURAL SYSTEMS</td>
<td><strong>54 General Session:</strong></td>
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<td>323A 24 Symposium: Beyond Peripheries: Material and Conceptual Borderlands of Becoming</td>
<td><strong>55 General Session:</strong></td>
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<td>319B 25 Symposium: Using The Bruker Tracer III+ Portable ED-XRF Analyzer to Investigate Compositional Variation in Archaeological</td>
<td><strong>56 General Session:</strong></td>
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<td>315 26 Symposium: New Approaches to the Archaeological and Bioarchaeological Study of South American Hunter-Gatherer societies</td>
<td><strong>57 General Session:</strong></td>
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<td>312 27 Symposium: Theoretical and methodological issues for Oceanic colonization</td>
<td><strong>58 General Session:</strong></td>
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<td>323C 28 Symposium: Lithic technological organization and paleoenvironmental change</td>
<td><strong>59 General Session:</strong></td>
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<td>323B 29 Symposium: Spatial Approaches to the History of Archaeology</td>
<td><strong>60 General Session:</strong></td>
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<td>311 <strong>30 Symposium: Global Perspectives on the Evolution of Complex Societies: Papers in</strong></td>
<td><strong>61 General Session:</strong></td>
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## Sessions at a Glance: Thursday Afternoon, April 4

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<tr>
<td>319A</td>
<td>46A The Ethics Bowl</td>
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<td>77 Symposium: Explanations of behavior using</td>
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<td>314</td>
<td>46 Symposium: Social Inequality in the</td>
<td>74 Symposium: Children and Childhood in the Past: Exploring Biological</td>
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<td>312</td>
<td>47 Symposium: Theoretical and</td>
<td>73 Symposium: Historical Archaeology in the Pacific: In and of a Sea of</td>
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<td>305A</td>
<td>48 General Session: Archaeology in Education:</td>
<td>76 Symposium: Beyond Blombos: Adaptive Diversity in Later</td>
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<td>49 Symposium: Difference Theory</td>
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<td>79 General Session: Osteological and Genetic Studies</td>
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<td>50 General Session: Consumption in South America: Diet,</td>
<td>78 General Session: Sociality and Materiality in</td>
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<td>51 General Session: Understanding Rock Art: Methods, Contexts,</td>
<td>80 General Session: Hunter and</td>
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<td>306B</td>
<td>52 Forum: Conversations: Time, Memory and Experience</td>
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<td>53 Forum: Beyond the Data: Significance under the National Register of</td>
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<td>83 General Session: Greek</td>
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<td>57 General Session: Precolumbian Mortuary and Ritual Practices</td>
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<td>82 Symposium</td>
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<td>59 Symposium: Making Value, Making Meaning: Techné in Pre-Columbian Mesoamerica and Andean</td>
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<td>62 Symposium: Improving XRF Methods for the Geochemical Characterization of Archaeological Materials: Precision,</td>
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<td>63 Symposium: Teotihuacan and Early Classic Mesoamerica: Multi-Scalar Perspectives on Power, Identity, and Interregional</td>
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<td>64 Symposium: Fifty Years Ago: The Legacy of the Grasshopper Research Project in Current Archaeological Practice</td>
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<td>65 Symposium: Living Abandonment: the Social Process of Detachment from Place</td>
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<td>66 Symposium: New Developments in Chinese Archaeology</td>
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<td>Kamehameha Exhibit Hall III Foyer</td>
<td>68-71 Poster Sessions</td>
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<td>72 Symposium: Archaeology, cultural heritage and the third age: exploring new challenges</td>
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<td>75 Symposium: Archaeology, Current Research and Future Directions in</td>
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<td>90 General Session: Stone Tool Production: Old and New World</td>
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<td>317A</td>
<td>91 General Session: Managing, Mitigating, and Protecting the Past</td>
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<td>92 General Session: Camps, Forts, and Military Bases</td>
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<td>93 Symposium: Approaching Jeffers: New Techniques and New Perspectives</td>
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<td>94 Symposium: Invention as a process: pyrotechnologies in pre-literate</td>
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<td>95 Symposium: “Entangling” archaeology and history. Early Modern</td>
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<td>96 General Session: European Archaeology Through the Ages</td>
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<td>97 Symposium: Differentiated Practices in High Places across the US-Mexico</td>
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<td>98 Symposium: Accessible Archaeology</td>
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<td>99 Symposium: Novel Applications of Microscopy and Microanalysis</td>
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<td>100 Symposium: Whither Archaeologies of Poverty?</td>
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<td>101 Symposium: Negotiating Identities: Defining and Compartmentalizing the Self</td>
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<td>102 Symposium: California Mission Archaeology in the Los Angeles Area</td>
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<td>103 General Session: Global Approaches in Archaeobotany</td>
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<td>104 Symposium: Old Borders and New Frontiers: Doing Historical Archaeology in Southeast</td>
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<td>105 Symposium: Digital Transitions: Technologies for Archaeological Fieldwork, Publishing</td>
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<td>106 Symposium: The connected past: critical and innovative approaches to networks in</td>
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<td>323C</td>
<td>107 Symposium: Tendencias recientes en la arqueología del occidente de México</td>
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<td>108 Symposium: New Developments and Debates Around Pachacamac and The Lurin Valley During</td>
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<td>311</td>
<td>109 Symposium: The Archaeology of Religion in the Mesoamerican Cave Context</td>
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<td></td>
<td>316C</td>
<td>110 Symposium: Preservation Archaeology and the Bellwether Nonprofits of the Southwest</td>
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### Sessions at a Glance: Friday Morning, April 5

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<td>323B 111 General</td>
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<tr>
<td>9:00 AM</td>
<td>142 Symposium: Quarries and</td>
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<tr>
<td>10:00 AM</td>
<td>154 General Session:</td>
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<td>323A 112 General Session: The Who are the Ancestors?</td>
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<td>12:00 PM</td>
<td>141 Symposium: Population Mobility in the Hinterland of</td>
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<td>113 Symposium: Not the End after All: New</td>
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<td>144 Symposium: Late Middle through</td>
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<td>305A</td>
<td>114 Symposium: Manipulating Prey: Development of</td>
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<td>143 Forum: Creating Context in the Classroom</td>
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<td>115 Symposium: Archaeology of Africa and Diaspora</td>
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<td>312</td>
<td>116 Symposium: Contextos arqueológicos funerarios en</td>
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<tr>
<td>145 Symposium: Ancient Globalizations</td>
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<td>318A</td>
<td>117 General Session: Unburrying Data: Advances in Lab</td>
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<td>146 Symposium: Ancient Globalizations</td>
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<td>118 Forum: But I Just like to Dig: Practical Ethics for the</td>
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<td>119-122 Poster Sessions</td>
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<td>147-150 Poster Sessions</td>
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<td>314</td>
<td>123 Symposium: Breaking Ground: One Year of Cultural Resources Management</td>
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<td>152 Symposium: Collaborative</td>
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<td>124 Symposium: New Research of American Indian Tobacco Smoking Pipes and</td>
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<tr>
<td>151 Symposium: Both Meat</td>
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<td>125 General Session: Advancing Archaeology in the Field</td>
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<td>156 Symposium</td>
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<td>306A</td>
<td>126 General Session: New Directions in Mesoamerican Archaeology</td>
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<td>127 Symposium: Archaeology of the Underrepresented</td>
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<td>153 General Session:</td>
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<td>128 General Session: Archaeology of the Great Basin and the Basin Plateau Region</td>
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<td>129 Symposium: The Fayum as an Agricultural Landscape: Climate Change, Neolithic Adoption, Greco-Roman</td>
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<td>309</td>
<td>130 General Session: Indigenous Subsistence Ecologies: Methodological Frameworks and Case Studies</td>
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<td>309</td>
<td>131 Symposium: Volcanic Activity and Human Ecology - 34 years on</td>
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<td>132 Symposium: Wari and the Middle Horizon in the Andes: Papers in Honor of Bill Isbell</td>
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<td>134 Symposium: The Archaeology of Non-literal Islands</td>
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<td>135 Symposium: Forensic Archaeology: a multidisciplinary approach</td>
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<td>136 Symposium: Not every meal is a banquet: on the multivocality of food</td>
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<td>137 General Session: Artic and Northwest Coast Archaeology</td>
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<td>317A</td>
<td>138 Symposium: Isotope Ecology and the Ring of Fire: Bioarchaeology in the Pacific</td>
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<td>139 General Session: Craft Production, Technology, and Identity in the</td>
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<td>140 Symposium: Patterns of Postclassic Mesoamerican Communities</td>
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<td>2:00 PM</td>
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<td><strong>Symposium: Exploring the Difference:</strong> Finding Solutions for Protecting and Sharing Archaeological Heritage in the Middle East and Beyond</td>
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<td><strong>Symposium: Exploring the Difference:</strong> Collaborative Research in the Pacific Basin and Beyond: Re-Shaping Prehistory</td>
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<td><strong>Symposium: Exploring the Difference:</strong> The Coast Is Clear: Papers in Honor of Kenneth A. Ames</td>
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<td>5:00 PM</td>
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<td><strong>Symposium: Exploring the Difference:</strong> Precise Maya Households</td>
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<td><strong>Symposium: Forensic Archaeology in the Americas:</strong> Community</td>
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<td><strong>Symposium: Beyond the Equator (Principles):</strong> The Benefits, Challenges and Responsibilities of Collection-Based Research in the Americas</td>
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<td><strong>Symposium: Bioarchaeology of Northeast Asia:</strong> New Directions in Bioarchaeology</td>
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<td>5:00 PM</td>
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<td><strong>Symposium: Pacific Ethnographies in World History:</strong> Decolonizing History and Academia</td>
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<td><strong>Symposium: Forensic Archaeology in the Americas:</strong> Archaeological Borders and Boundaries Decolonizing History and Academia</td>
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<td><strong>Symposium: Pre-Columbian and Early Contact Period:</strong> Violence and Warfare among Hunter-Gatherers</td>
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<td>3:00 PM</td>
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<td><strong>Symposium: Pacific Ethnographies in World History:</strong> Communities and Households in the Greater Southwest</td>
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<td><strong>Symposium: Pacific Ethnographies in World History:</strong> Communities and Households in the Greater Southwest</td>
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**Annual Business**

**Kimchibae Exhibit**

**Hall III Forum**

**Ballroom A**
## Sessions at a Glance: Saturday Morning, April 6

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<tr>
<td>303B</td>
<td>202 General Session: Precolumbian</td>
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<td>232 Forum: Mentoring: Peaks, Pitfalls, and Perspectives</td>
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<tr>
<td>309</td>
<td>203 Forum: Binding the Cord for a Stronger Hawai‘i: Hawaiian</td>
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<td>233 Symposium: Pacific Island</td>
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<td>204-208 Poster Sessions</td>
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<td>234-238 Poster Sessions</td>
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<tr>
<td>312</td>
<td>209 Symposium: Field Schools and The 2010 Senator Paul Simon Study</td>
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<tr>
<td>316B</td>
<td>210 Symposium: Questioning Previous Understandings of Ancient Maya</td>
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<td>240 General Session: Landscapes</td>
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<td>211 Symposium: Remembering Bernard Wailes: The Importance of European Later</td>
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<td>212 Symposium: Human Niche Construction as an Evolutionary Framework in Anthropology</td>
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<td>213 Symposium: Specialization, Intensification and Diversification in Northwestern Belize</td>
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<tr>
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<td>215 Symposium: Modelling the impact of environmental variability on hominin dispersals</td>
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<tr>
<td>324</td>
<td>216 Symposium: Technology in Southwest China and Southeast Asia I: The Origins, Spread, and Development of Metal Production</td>
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<td>323C</td>
<td>217 General Session: Analyzing Subsistence, Mobility, and Health</td>
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<td>317B</td>
<td>218 Symposium: Social Identity in Frontier and Borderland Communities of the North American Southwest</td>
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<td>301B</td>
<td>219 Symposium: Environmental Change and Past Human Responses: human-environmental interactions inscribed on the skeleton</td>
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<td>323A</td>
<td>220 General Session: Socio-cultural Implications of Lithic Patterning</td>
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<td>241 General Session: The</td>
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<td>221 Symposium: Identity and Heritage: Contemporary Challenges in a Globalizing World</td>
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<td>222 Symposium: Before Beringia: archeological evidence and late Pleistocene population dynamic in Central and</td>
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<td>223 Symposium: Up Close and Personal: Gendered Materialities and the Complexity of Situated Knowledge in the</td>
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<td>303A</td>
<td>226 General Session: Eurasia</td>
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<td>239 Symposium: Losing Control:</td>
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<td>227 Symposium: Not just for show: The archaeology of beads, beadwork, and</td>
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<td>231 Symposium: Archaeology of Tlaxcala, Mexico</td>
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<td>281 Symposium: Creative Alternatives for</td>
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<td>282 Forum: Open Access—Is it good for archaeology?</td>
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<td>283 Symposium: When Humans Dominated the Earth: Archaeological</td>
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<td>288 Symposium: Ceramics and Society in early Mesoamerica and the Aegean</td>
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<td>323C</td>
<td>290 General Session: Ritual, Economy, and Environment in the Ancient Maya World</td>
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<td>323A</td>
<td>291 Symposium: The Frison Institute Symposium: Dates as Data: New Applications of Radiocarbon</td>
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<td>317B</td>
<td>292 Symposium: Archaeologies, legacies, and heritages of colonial encounters in the Pacific and the Caribbean</td>
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Program

Wednesday Morning ■ April 03, 2013

[1A] WORKSHOP ■ FAUNAL DATA ENTRY AND INTEGRATION IN TDAR
Room: Sea Pearl IV (HHV)
Time: 1:00 PM - 5:00 PM

[1B] OPENING SESSION AND PRESIDENT’S FORUM ■ THE FUTURE OF ARCHAEOLOGY: ENGAGEMENT WITH DESCENDANT COMMUNITIES
Room: Coral Ballroom III, IV, V (HHV)
Time: 6:00 PM - 8:00 PM
Chairs: W. Fredrick Limp, Kelley Hays-Gilpin, and Gordon Rakita
Moderator: Ora Marek-Martinez
Participants:
Rudy Reimer/Yumks—Discussant
Andrea Hunter—Discussant
Sam Juparulla Wickman—Discussant
Henry Tantaleán—Discussant
Peter Nelson—Discussant
Kekuewa Kikloi—Discussant

Thursday Morning ■ April 04, 2013

[1] SYMPOSIUM ■ MULTIDISCIPLINARY RESEARCH AND CURRENT TECHNOLOGIES IN NATIONAL APPROACHES TO THE ECUADORIAN PAST
Room: 303A (HCC)
Time: 8:00 AM - 9:45 AM
Chairs: Maria-Auxiliadora Cordero and Florencio Delgado Espinoza
Participants:
8:00 Maria Ordoñez, Ronald Becket, and Gerald Conlogue—Forensic Anthropology and Paleoimaging: An Application of Traditional and Non-intrusive Techniques on Two Museum Collections in Quito
8:15 Florencio Delgado Espinoza—Spatial Analysis of the Manteño Occupation at the Cerro Jaboncillo-Hojas Site
8:30 Amelia Sánchez Mosquera—Contract Archaeology and Regional Models, an Intrinsic Relationship: Two Cases
8:45 Josefina Vasquez and Iván Pazmiño—Reconstruction of Site Morphology through 3D Scanning Technique: The Case of Yacuñía, Southern Ecuador
9:00 Fernando Astudillo—Phytoliths, Paleoenvironment, and Human Settlement of the Northern Ecuadorian Andes
9:15 Maria-Auxiliadora Cordero—Chemical Analysis of Ecuadorian Ritual Vessels: Piartal Pottery
9:30 Daniela Balanzategui—Colonial Indigenous and Mestizo Foodways: ceramic analysis and Ethnoarchaeology in the Highlands of Ecuador

[2] SYMPOSIUM ■ GLOBAL PATTERNS OF SHELLFISH EXPLOITATION
Room: 318A (HCC)
Time: 8:00 AM - 9:45 AM
Chairs: Adrian Whitaker and Brian Codding

Participants:
8:00 Brian Codding and James O'Connell—A Novel Multivariate Model of Shellfish Exploitation
8:15 Sean Ulm, Helene Tomkins, Daniel Rosendahl, Lynley Wallis, and Patrick Moss—Last Millennium Changes in Shellfishing Behaviors across Northern Australia
8:30 Adrian Whitaker and Brian Byrd—Using Theories of Plant Food Intensification to Explain Shifts toward an Emphasis on Small Shellfish Taxa
8:45 Christina Giovas, Scott Fitzpatrick, and Annie Caruso—An Analysis of Mollusk Exploitation from the Chelechol ra Orrak rockshelter, Palau
9:00 Aaron Poteate, Scott Fitzpatrick, Meagan Clark, Jessica Stone, and Alyson Harding—Amerindian Mollusk Exploitation during the Late Ceramic Age at Coconut Walk, Nevis, West Indies (ca. AD 850-1450)
9:15 David Thomas—On the Role of Shellfish Exploitation along the Georgia Bight
9:30 Douglas Bird—Discussant

GENERAL SESSION ■ ARCHAEOLOGY OF WESTERN ASIA AND THE EASTERN MEDITERRANEAN
Room: 306B (HCC)
Time: 8:00 AM - 9:45 AM
Chair: Andrew Fairbairn

Participants:
8:00 Alan Simmons—No Village Is an Island: Cyprus as a Crossroads for Early Mediterranean Sea Voyagers
8:15 Katelyn DiBenedetto and Alan Simmons—Could Cyprus Have Sustained a Cattle Population between the Late Neolithic and the Bronze Ages?
8:30 Sarah Macintosh and Levent Atici—Antlerworking at Körtik Tepe (SE Turkey) during Pre-Pottery Neolithic A (PPNA)
8:45 Daniel Thompson—Multispectral Archaeological Prospection: Case Studies from the Greater Near East
9:00 Joseph Lehner—Metal technology, Organization, and the Evolution of Long-Distance Trade in Anatolia
9:15 Kathryn Grossman—The Protracted Process of Urbanization at Early Bronze Age Hamoukar, Syria
9:30 Andrew Fairbairn, Emma Jenkins, Douglas Baird, and Geraldine Jacobsen—Plant Gathering at the 9th Millennium cal B.C. Settlement at Pınarbaşı A and D on the Konya Plain, Central Anatolia

FORUM ■ THE DEVELOPMENT OF A FORMAL MIDDLE FORMATIVE SITE LAYOUT IN SOUTHERN MESOAMERICA
Room: 301B (HCC)
Time: 8:00 AM - 10:00 AM
Moderator: Takeshi Inomata

Participants:
Mary Pye—Discussant
John Clark—Discussant
Rebecca Gonzalez Lauck—Discussant
Valerie Courtes—Discussant
Lynneth Lowe—Discussant
Michael Blake—Discussant
Michael Love—Discussant
Barbara Arroyo—Discussant

[5] POSTER SESSION 4 ARCHAEOLOGY ACROSS OCEANIA
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM

Participants:
5-a Sam Lin, Matthew Douglass, Daniel Parker, and Simon Holdaway—Stone Artifact Selection and Transport in the Semi-arid Zone of Western New South Wales, Australia
5-b Mallory Messersmith and Mark McCoy—Airborne LiDAR Survey of Fortified Earthwork Sites in Northland, New Zealand
5-c Jana Morehouse and Michael Graves—Agriculture in North Kohala: Fields, Ditches, and Innovation
5-d Elizabeth Peterson—Mobility Variation among Hunting-Gathering Societies: Evaluating Risk Reduction through the Lens of Social Networking
5-e Christina Bisulca, Kamalu du Preez, Lisa Schattenburg-Raymond, and Betty Kam—Dye Analysis of Hawaiian Barkcloth
5-f Daniel Welch—Discontinuity in the Stratigraphic Record of Samoan Volcanic Glass Artifacts
5-g Jennifer Huebert—Forest transformations and Arboreal Subsistence Strategies in Highly Variable Environments: Marquesas Islands, French Polynesia
5-h Kathleen LeBlanc—Use of Tongan Barkcloth Design as an Analogue for the Lapita Design System
5-i Megan Wong, Megan Wong, David Burley, and Michael Richards—Prehistoric Tongan Diet and Stable Isotopes: An Evaluation of Subsistence Hypotheses

Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM

Participants:
6-a Kimberly Swisher, Clark Spencer Larsen, Victor D. Thompson, and Paul W. Sciulli—Temporal Trends in Skeletal Morphology in Biocultural Context from the Prehistoric Georgia Bight
6-b George Kinison—Actualistic Experiments on the Regional Taphonomy of the Soils of Northwestern Georgia: Effects on Osseous and Dental Remains
6-c Amanda Roberts Thompson—Rediscovering Fort Center: A Lost Landscape of the Seminole Wars
6-d Matthew Lobiondo, Cameron Wesson, John Cottier, Hamilton Bryant, and Holly Luscumb—Remote Sensing at the Ebert-Canebrake Site (1Mc25), a Central Alabama Fortified Mississippian Village
6-e Maureen Bickham—Marine Shell Exchange among Mississippian People of the Southeastern United States
6-f G. Logan Miller—Lithic Microwear Analysis of Hopewell Bladelets from Fort Ancient: Implications for Ritual Economy
6-g Lindsay Plunk—Chemical and Mineralogical Analysis of Varney Red Filmed Ceramics from the Lower Mississippi River Valley
6-h Allison Gracer, Amber VanDerwarker, and Gregory Wilson—Maize Intensification in the Mississippian Central Illinois Valley: Metric data from Maize Kernels and Cupules as a Means to Establish the Number and Type(s) of Varieties
6-i Anna Semon—Examining Late Mississippian Paddle Designs from the Georgia
Coast

6-j  Eric Jones—Spatiotemporal Analysis of Old World Diseases in North America, A.D. 1500–1800
6-k  Mark McConaughy—Reassessing Peter’s Creek and Linn Mounds, Pennsylvania
6-l  Sarah Striker—The Mantle Site: Community and Non-local Contacts

[7]  **POSTER SESSION CURRENT EMPirical RESEARCH in SOUTHEAST ASIAN ARCHAEOLOGY**
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM
Chairs: Ben Marwick and Ally Halliwell

Participants:
7-a  Rachna Chhay and David Brotherson—Utilitarian Ceramic Production Centers in the Angkor Empire: The Site of Kok Phnov and Phnom Krom, Siem Reap Province, Cambodia
7-b  Veronica Walker Vadillo and Xabier Armendariz—A VOC Ship in the Walls of Angkor Wat?
7-c  Hannah Van Vlack, Cyler Conrad, Ben Marwick, Cholawit Thongcharoenchaikit, and Rasmi Shoocongdej—Zooarchaeology and Human Ecology at Khao Toh Chong, Krabi, Thailand
7-d  Charmaine Ledesma, Noel Amano, and Stephen Acabado—Hunting and Domestication: The Ifugao Complementary System
7-e  Damien Huffer—I’m a Stranger Here Myself: Kinship and Community Organization during the Mid-Holocene in Northern Vietnam
7-f  Jacy Moore, Jasminda Ceron, and Stephen Acabado—Agricultural Development and Settlement Patterns in Early Ifugao Societies
7-g  Nina Peck—Subsistence and Coastal Resources: The Iron Age in San Remigio, Cebu, Philippines
7-h  Jennifer Huff—Revisiting Highland New Guinea: New Insights into the Pleistocene and Holocene Occupations of Highland PNG
7-j  David Bulbeck, Ben Marwick, Sue O’Connor, Ambra Calo, and Jack Fenner—The Prehistoric Archaeology of the Routa Region of Central Sulawesi
7-k  Sarah Youngblut—The Angkorean Ethnoscape: Reconciling the Disjuncture between Public Discourse and the Archaeological Record through an Analysis of Angkorean Sites of World Heritage in Thailand, Laos, and Cambodia.
7-l  Mariana Sanders, John Peterson, and Stephen Acabado—Geoarchaeology in the Philippines: Connecting People to Their Landscapes

[8]  **POSTER SESSION THE ARCHAEOLOGY and CULTURAL HERITAGE of IRINGA, SOUTHERN TANZANIA**
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM
Chair: Pamela Willoughby

Participants:
8-a  Pamela Willoughby—The Stone Age prehistory of Iringa, Tanzania
8-b  Jennifer Miller—Possible Middle Stone Age Ostrich Eggshell Beads
8-c  Katie Bittner—Footprints and Black Stones: Documenting Cultural Heritage Sites in Iringa
8-d  Frank Masele—Middle Stone Age Fauna from Loiyangalani and Magubike,
Tanzania

[9] **POSTER SESSION ■ ENVISIONING ÇATALHÖYÜK**  
**Room:** Kamehameha Exhibit Hall III Foyer (HCC)  
**Time:** 8:00 AM - 10:00 AM  
**Chairs:** Kathryn Killackey, James Taylor, and Joshua Sadvari  
**Participants:**  
9-a Grant Cox and Graeme Earl—Computer Visualization of Çatalhöyük  
9-b Lindsay Der—Human-Animal Relations and Social Organization at Çatalhöyük, Turkey  
9-c Lisa Guerre—Finders, Keepers: Collections Management Practices at the Çatalhöyük Research Project  
9-d Scott Haddow, Christopher Knüsel, Joshua Sadvary, Nicolò Dell’Unto, and Maurizio Forte—Bioarchaeology in 3D: Three-Dimensional Modeling of Human Burials at Neolithic Çatalhöyük  
9-e Justine Issavi, Maurizio Forte, Nicolò Dell’Unto, and Nicola Lercari—Envisioning 3D Archaeology at Çatalhöyük  
9-f Kathryn Killackey—Drawings and Dialogues: Illustrating Landscape at Çatalhöyük  
9-g Ashley Lingle—Deconstructing the Walls of Çatalhöyük  
9-h Camilla Mazzucato—GIS Practice at Çatalhöyük: From Excavation to Digital Representation  
9-i Allison Mickel—Diary of the Day: Database to Display  
9-j Shamini Pitter, Nerissa Russell, Ian Hodder, and Richard P. Evershed—Food Residue Fatty Acid C and H Stable Isotopes as Proxies for Evaluating Cultural and Climatic Change at Çatalhöyük, Turkey  
9-k James Taylor—Making Time for Space at Çatalhöyük: Exploring Spatiotemporality within Complex Stratigraphic Sequences Using GIS  
9-l Milena Vasic and Kathryn Killackey—Body Adornment at Çatalhöyük

[10] **SYMPOSIUM ■ TOWARD A DATA STANDARD FOR PALEOLITHIC ARCHAEOLOGY**  
**Room:** 303B (HCC)  
**Time:** 8:00 AM - 10:15 AM  
**Chairs:** Denne Reed and Shannon McPherron  
**Participants:**  
8:00 Denne Reed—PaleoCore: A Data Integration Initiative for Prehistory  
8:15 John Kappelman, Marvin Kay, Lawrence Todd, and Abraham Thompson—Back to the Future: William Henry Holmes and the MSA in the Horn of Africa  
8:30 Elisabeth Hildebrand and Steven Brandt—Negotiating Trade-Offs in Establishing Standards for Data Resolution and Inter-site Comparability: Insights from Two Projects in Eastern Africa  
8:45 William Barr, Tomislav Urban, and Denne Reed—A Comparison of Ontologies and Data Schemas in Paleolithic Archaeology  
9:00 Keith Kintigh, Francis McManamon, and Katherine Spielmann—Enhancing Data Comparability and Research Collaboration with tDAR: the Digital Archaeological Record  
9:15 Erich Fisher and Curtis Marean—Technical Considerations of Metadata Standards for Digital Spatial Archaeological Data  
9:30 Alison Brooks, Richard Potts, Matthew W. Tocheri, and Christian A. Tryon—Coding the Palaeolithic of East Africa: Problems, Possibilities, and Procedures  
9:45 Harold Dibble and Shannon McPherron—Developing a Standardized Methodology for Paleolithic Excavation and Analysis  
10:00 William Gilbert—Multi-institution Specimen Metadata and Priority
Room: 305A (HCC)
Time: 8:00 AM - 10:15 AM
Chair: James Enloe
Participants:
8:00 James Enloe, Theodore Marks, and Grant McCall—Stratified MSA and LSA in the Namib: Preliminary Results from Erb Tanks
8:15 Kathryn Ranhorn, Alison S. Brooks, Fidelis Masao, and John E. Yellen—Preliminary Survey of the Middle Stone Age of Southeastern Tanzania
8:30 Robyn Pickering—“The time Has Come”: The New Role of the U-Pb Geochronometer Applied to the South African Early Hominin Sites
8:45 Peter MacNeilage—On the Evolution of the Relationship between Speech Production and Body/Hand Control
9:00 Kathleen Gibson—Interpreting Archaeological Evidence for Language Evolution
9:15 Natalie Uomini—Right-Handedness in Palaeolithic Hominins: Results from a 3D Laser-Scanning Study of Flint Flakes
9:30 Alexa Benson and Rainer Grun—Laser Ablation Depth Profiling of U-Series and Sr Isotopes in Human Fossils
9:45 Charles Perreault—The Pace of Cultural Evolution
10:00 Micah Hale—Stable Social Institutions Provide Context for Group Selection among Hunter-Gatherers

[12] Symposium: California Aboriginal Sociopolitical Groups, Boundaries, and Their Formation
Room: 318B (HCC)
Time: 8:00 AM - 10:30 AM
Chairs: William Hildebrandt and Robert Bettinger
Participants:
8:00 Robert Bettinger—Discussant
8:15 Richard Fitzgerald, Nathan Stevens, and Jeffrey Rosenthal—The Dye Is Cast: Migration, Cultural Diversity, and Boundaries of Prehistoric California 12000 to 8000 cal B.P.
8:30 Kelly McGuire—Incised Stones and Social Identity: A Case Study in the Rise of Complex Social Formations in Northern California during the Archaic Period
8:45 Michael Delacorte, Mark Basgall, and Lynn Johnson—Sociopolitical Dynamics in the Late Prehistoric Southwestern Great Basin
9:00 Jeff Rosenthal—Toward a Social Landscape of Prehistoric Central California
9:15 Al Schwitalla, Terry Jones, and Marin Pilloud—Sociopolitical Organization and Violence in Central California: The Bioarchaeological Record
9:30 Allika Ruby and Al Schwitalla—The Antiquity of Southern Wintuan Occupation in the Sacramento Valley of California
9:45 Darren Andolina and Adie Whitaker—Habitat Suitability and the Establishment and Maintenance of Social Boundaries
10:00 William Hildebrandt—Territorial Expansion of Wintu Tribelets in North-Central California during Late Prehistoric and Ethnohistoric Times
10:15 John Johnson—Sociopolitical Groups and Boundaries in Southern California: An Empirical Analysis Using Ethnohistorical Data

PRESERVATIONIST PERSPECTIVE
Room: 319A (HCC)
Time: 8:00 AM - 10:30 AM
Chairs: Lisa Westwood and Beth O'Leary

Participants:
8:00 Beth O'Leary—To Boldy Go Where No Man Has Gone Before: Approaches in Space Archaeology and Heritage
8:15 Peter Capelotti—Mobile Artifacts in the Solar System and Beyond
8:30 Margaret (Ann) Darrin—Space Environmental Effects on Material Remains
8:45 Alice Gorman—Robot Avatars: The Material Culture of Human Activity in Earth Orbit
9:00 Justin Walsh—Self-Destruction, Recycling, and Archaeology: Recent Developments in the Space Industry and Their Consequences for the Future of the Past
9:15 Hanna Szczepanowska—The Space Shuttle Discovery; Cultural and Scientific Legacy
9:30 Wayne Donaldson—The Preservation of California's Military Cold War Era Cultural Resources
9:45 Joseph Reynolds—One Small Step: An Analysis of International Space Law and How It Effects Historic Preservation
10:00 Lisa Westwood—World Heritage List Designations of Early Space Exploration Heritage Sites
10:15 Q&A

[14] SYMPOSIUM COMPLEX SOCIAL WORLDS: EXPLORING EPSITEMOLOGIES AND ONTOLOGIES OF AGENCY AND PERSONHOOD
Room: 316A (HCC)
Time: 8:00 AM - 10:30 AM
Chairs: Eleanor Harrison-Buck and Julia Hendon

Participants:
8:00 Eleanor Harrison-Buck and Julia Hendon—Exploring Epistemologies and Ontologies of Agency and Personhood: An Introduction
8:15 Erica Hill—Personhood and Agency in Eskimo Interactions with the Other-than-Human World
8:30 Matthew Looper—Objects with Voices among the Ancient Maya
8:45 Linda Brown—Personhood, Nawales, and Sacred Objects: A Case Study from the Contemporary Tz'utujil Maya Area
9:00 Julia Hendon—Crafting Persons in Mesoamerica: Technological Processes and Relational Identities
9:15 Amy Groleau—Practicing Personhood: Enacting Social Relationships in the Wari Empire
9:30 Benjamin Alberti and Andres Laguens—Reticent Pots, Preoccupied People: Coping with Ontological Ambiguity in First Millennium AD Northwest Argentina
9:45 Lambros Malafouris—How to Think about the Self: An Integrative Perspective
10:00 Severin Fowles—Discussant
10:15 Q&A

Room: 301A (HCC)
Time: 8:00 AM - 10:30 AM
Chairs: Nam Kim and Timothy Pauketat
Participants:
8:00  Nam Kim—Co Loa: An Ancient Capital City of Vietnam
8:15  Timothy Pauketat and Timothy Pauketat—Cities, Would-Be Cities, and the Case of Cahokia
8:30  Adam Rogers—The Oppida of Later Iron Age Europe
8:45  Stephen Lekson—Southwestern Cities?
9:00  Innocent Pikirayi—Early 2nd Millennium A.D. Future Cities of Southern Zambesia; Great Zimbabwe as an Urban Complex and Centre of a State
9:15  John Chapman and Bisserka Gaydarska—The Revolution in Tripillia Mega-site Studies: The Example of Nebelivka
9:30  Eduardo Neves, Michael Heckenberger and Claide Moraes—Super Villages, Small Towns, Garden Cities: Understanding the Large Settlements of Late Precolonial Amazonia
9:45  Chapurukha Kusimba—The African City: Yoruba and Swahili Urbanism
10:00 Roland Fletcher—Discussant
10:15 Q&A

GENERAL SESSION ■ NEW INSIGHTS IN SOUTHWESTERN ARCHAEOLOGY
Room: 317A (HCC)
Time: 8:00 AM - 10:30 AM
Chair: Kristin Kuckelman
Participants:
8:00  William Deaver and Mark Chenault—A Reconsideration of the Hohokam Polvorón Phase
8:15  Kathryn Putsavage—Social Transformations in the Mimbres Region of Southern New Mexico from A.D. 1150 to 1450: An Investigation of the Black Mountain Site (LA 49)
8:30  Katie Grundtisch, Scott Ortman, Timothy Kohler, and Carly Fitzpatrick—Population Dynamics and Warfare in the Northern Rio Grande Region
8:45  Lauren OBrien—New Investigations of Pithouses in the Northern Taos Valley
9:00  Erin Baxter—Re-“Imaging” Aztec Ruins: An Assessment of Great House Architecture Form and Function through Historic Morris Photographs
9:15  Walter Dodd—On the Face of It: Rethinking the Cliff Dweller Phenomenon
9:30  Kristin Kuckelman—Slipping Off the Bubble: Episodes of Ancestral Pueblo Population Movement in the Mesa Verde Region, A.D. 800 to 1300
10:00 Mona Charles and Dawn Mulhern—Burial Context, Funerary Objects and Chronology in the Basketmaker II Population from Durango, Colorado
10:15 James Allison—The Archaeology of Archaeology: 2012 Excavations at Alkali Ridge Site 13

SYMPOSIUM ■ MULTINETIC POPULATION IN NEIGHBORHOOD CENTERS AT TEOTIHUACAN: A VIEW FROM TEOPANCAZCO
Room: 314 (HCC)
Time: 8:00 AM - 10:45 AM
Chair: Linda Manzanilla
Participants:
8:00  Linda Manzanilla and Luis Adrián Alvarado—Funerary Patterns, Sex, and Age Profiles, and Activity Markers of the Teopanzaco Individuals at Teotihuacan
8:15  Gabriela Mejia Appel—Eating Patterns of the Population of Teopanzaco through PIXE Analysis
Thursday Morning, April 4

8:30 Peter Schaaf, Gabriela Solís-Pichardo, Peter Horn, Teodoro Hernández-Treviño, and Linda R. Manzanilla—Methodological Advances in Human Migration Studies Using Sr Isotope Ratios

8:45 Isabel Casar, Isabel Casar, Edith Cienfuegos, Pedro Morales, and Linda Manzanilla—Carbon and Nitrogen Isotopic Ratios of Tooth Collagen and Apatite in the Reconstruction of Human Diet in Teopancazco Teotihuacan, Mexico

9:00 Pedro Morales, Edith Cienfuegos, Isabel Casar, Linda R Manzanilla, and Francisco Otero—Geographic Origins and Immigration of the Teopancazco Population in the Context of the Ancient city of Teotihuacan Mexico: Stable Oxygen Isotopic Evidence

9:15 Gabriela Solis-Pichardo, Peter Schaaf, Teodoro Hernandez-Treviño, Becket Lailson-Tinoco, and Linda R. Manzanilla—Migration in Teopancazco, Teotihuacan: Evidence from Sr Isotopic Studies

9:30 Rafael Montiel, Brenda A. Álvarez-Sandoval, and Linda R. Manzanilla—Genetic Analysis in Teopancazco: Evidence from Sr Isotopic Studies

9:45 Lilia Escorcia, Linda R. Manzanilla, and Fabio Barba—Faces of Teotihuacan Ethnicity: Facial Approximation of Five Skulls of the Classic Period

10:00 T. Douglas Price—Migration to and from Teotihuacan: An Isotopic Perspective

10:15 Margaret Schoeninger—Discussant

10:30 T. Douglas Price—Discussant

[18] SYMPOSIUM ROCK ART IN BROAD PERSPECTIVE: METHOD AND INTERPRETATION IN CONTEMPORARY PRACTICE
(Sponsored by Rock Art Interest Group)
Room: 316C (HCC)
Time: 8:00 AM - 10:45 AM
Chair: Lenville Stelle

Participants:

8:00 Johannes Loubser—Dark Hill of Omens, Hill of Seeking: Ethnography of Place and Petroglyphs in Hawai’i

8:15 Robert Mark and Evelyn Billo—Using iPads for Rock Art Documentation

8:30 Daniel Arsenault—E=MC0, an Equation for Studying the Timeframes of World Rock Art Applying the Concept of “Chaîne Opératoire” in the Interpretation of a Rock Art Site and Its Setting throughout Its Time of Existence

8:45 Michael Bies—Rolling Rock

9:00 Francis Scarde—Evidence for Rock Art among the Haudenosaunee

9:15 Q&A

9:30 David Whitley—Hawai’ian Cupules and Numic Vulva-Forms: Aspects of Gender and Rock Art

9:45 Evelyn Billo, Robert Mark, and Donald E. Weaver, Jr—Sears Point Rock Art and Beyond: 2008-2012 Recording Project, Arizona, U.S.A.

10:00 Michele Hayward, Frank Schieppati, and Michael Cinquino—Rock Art and Ball Courts: Caribbean Style

10:15 Reinaldo Morales—The Oldest Rock Art in the Americas?

10:30 Jane Fyfe—What's All This Other Art? A Preliminary Report on the Diverse and Distinct Rock Art of the Southern Kimberley, Western Australia

[19] SYMPOSIUM SOUTH AMERICAN CERAMICS
Room: 306A (HCC)
Time: 8:00 AM - 11:00 AM
Chairs: Maline Werness-Rude and Kimberly Jones

Participants:
8:00  Karen ODay—Inferring Identity of Gran Coclé Anthropomorphic Effigy Vessels ca. 550-1150 C.E.
8:15  Isabelle Druc—Consumers Dictate, Potters Adapt: A View from the Andes
8:30  Eisei Tsurumi—The Early Ceramic from Tembladera and Its Chronological Sequence
8:45  Kimberly Jones—Sculpted Vessels: Content and Comparisons in Cupisnique Material Culture
9:00  Jean-François Milaire, Flannery Surette, and Jordan Downey—Entangled Pots and Rags: Luxury-Objects Making in the Virú Valley, Peru
9:15  Juliet Wiersema—Moche Architectural Vessels as Diagrams of Sacred Space
9:30  George Lau—Intermediality and the Recuay style (A.D. 200-600), North Highlands of Peru
9:45  Maline Werness-Rude and Lisa DeLeonardis—Burned, Bundled, Buried: The Substance and Context of Paracas Ceramic Offerings
10:00 Yuichi Matsumoto—Paracas in the Highland? Interregional Interactions between the Peruvian South Coast and South-Central Highlands
10:15 Lauren Gallow and Deborah Spivak—Alternative Style: Abstraction in Loro Ceramics of the Middle Horizon South Coast
10:30 Kevin Vaughn—Discussant
10:45 Q&A

Room: 309 (HCC)
Time: 8:00 AM - 11:00 AM
Chairs: Angela Perri and Greger Larson

Participants:
8:00  Greger Larson, Keith Dobney, Ophelie Lebrasseur, Rick Knecht, and Phil Piper—Dog Domestication and Human Dispersal
8:15  Morgane Ollivier, Christophe Hitte, Anne Tresset, Jean-Denis Vigne, and Hänni Catherine—Phenotypic Variations in Ancient Dogs: A Gleam from the Past to Shed New Light on Domestication
8:45  Sarah Brown, Christyann Darwent, and Ben Sacks—Ancient DNA Analysis of Dog Remains from the North American Arctic
9:00  Melanie Fillios—Companion or Competitor? Exploring the Dingo-Human Relationship from an Archaeological and Ecological Perspective
9:15  Angela Perri—The Hunting Dogs of Jomon-Period Japan
9:30  Q&A
9:45  Ellen McManus, Kate Britton, Keith Dobney, and Rick Knecht—A Stable Isotope Investigation of Human-Dog Relationships at a Permafrost-Preserved Site in Prehistoric Western Alaska
10:00 Eric Guiry, Colin Smith, Vaughan Grimes, and Domingo Salazar-García—Dogs as Dietary Proxies for Humans in the Spanish Copper Age: A Case Study Using Bulk and Compound Specific Stable Carbon Isotope Analyses
10:15 Kasia Zimmermann—“A Part of the People”: Tla’amin čəʔno (dogs) through Time
10:30 Raúl Valadez and Bernardo Rodríguez—The Dog and Mesoamerican Civilization: Analysis and Contrast between Traditionally Anthropological Thought and Actual Scientific Knowledge
10:45 Monica Beron—Engagement between Prehispanic Hunter-Gatherers and Dogs from Western Pampa, Argentina: Diet and Mortuary Practices
SYMPOSIUM XULTUN: RECENT INVESTIGATIONS AT A CLASSIC MAYA METROPOLIS IN THE NORTHEAST PETEN
Room: 324 (HCC)
Time: 8:00 AM - 11:15 AM
Chair: Franco Rossi

Participants:
8:00 Ana María Díaz Rocha—Early Origins of Xultun: Use and Reuse of Monumental Architecture in the Maya Lowlands
8:15 Patricia Rivera Castillo, Boris Beltrán, David Del Cid, Estuardo Casasola, and William Saturno—Tomb or Offering? Analyzing the Findings in Structure 11J7 at Xultun, Guatemala
8:30 Thomas Garrison—Los Bajeros: Rural Ancient Maya at Xultun and El Zotz
8:45 Lauren Santini—The Fabricated Forest: Reconstructing Ancient Human Intention, Cultural Behaviors, and Effects on the Development of the Modern Forest through the Lens of San Bartolo/Xultun
9:00 Jonathan Ruane—An Urban Reservoir at Xultun, Guatemala
9:15 Omar Alcover Firpi and David Ricardo Del Cid Castillo—Development of the 12H3 Pyramid in Xultun
9:30 Jennifer Wildt—Peopling the Plazas at Xultun, Guatemala
9:45 Mary Clarke—Reconstructing Los Sapos: An Examination of Iconography in Context
10:00 Franco Rossi—Taaj Group: Investigating the Home of a Xultun Scribe
10:15 Heather Hurst and Franco Rossi—Making Art: Defining Artist Practice and Organization at Xultun, Guatemala
10:30 Anthony Aveni and David Stuart—’Calendrics, Astronomy, and Math at the ‘Xultun Institute of Advanced Study’
10:45 William Saturno—Discussant
11:00 Daniela Triadan—Discussant

SYMPOSIUM KOREAN PREHISTORY: CURRENT MULTIDISCIPLINARY PERSPECTIVES
Room: 316B (HCC)
Time: 8:00 AM - 11:30 AM
Chair: Christopher Bae

Participants:
8:00 Yongwook Yoo—Blank Acquisition and Its Manipulation for Making the IHRA Handaxes, Korea
8:15 Kiyong Kim and Kidong Bae—Stone Industry and Chronology of Mansuri Site, Korea
8:30 Chulmin Lee, Kiyong Kim, Euiju Shin, Kidong Bae, and Christopher Bae—Perspective of Excavation of Mosan Cave Site, Mungyeng, Korea
8:45 Sangyoung So—The Location of Neolithic Sites in Central-Western Korea Related to the Change of the Holocene Environment
9:00 Bumcheol Kim—The Larger, the Safer? Understanding Changes in Household Patterns in the Transition of Early to Middle Bronze Ages, Central-Western Korea
9:30 Christopher Bae, Claudia Astorino, and Jennie Jin—Late Pleistocene Hominin Fossils from Ryonggok (Democratic People’s Republic of Korea): Linear and Geometric Morphometric Perspectives
9:45 Sang-Hee Lee, Seonbok Yi, and Damdinsuren Tseveendorj—Salkhit and Human Evolution in Northeast Asia
10:00 Jennie Jin, Ashley Burch, and Hye-Jin Lee—Not All Asians Look the Same:
Craniofacial Geometric Morphometric Analysis of Various Asian Populations
10:15 Jong Bhak, Jong Bhak, YoungAh Shin, Sanghoon Song and PASNP Consortium—Single route Asian migration and Koreans by genetic markers
10:30 Yangseung Jeong, Eun Jin Woo, and Sunyoung Pak—Comparing of the Level of Dental Fluctuating Asymmetry between Hypoplastic and Non-Hypoplastic Skeletal Samples from the Joseon Dynasty, South Korea
10:45 Jieun Kim—Potentials of Transition Analysis in Its Application to Korean Archaeological Skeletal Samples
11:00 Myeung Ju Kim, Min Seo, Chang Seok Oh, and Dong Hoon Shin—Archaeoparasitological Studies in Korea
11:15 Kidong Bae—Discussant

[23] SYMPOSIUM NEW DIRECTIONS IN MODELING DYNAMICS FOR COUPLED SOCIAL-NATURAL SYSTEMS
(Sponsored by Network for Computational Modeling in Social and Ecological Sciences [CoMSES Net] and Coupled Human)
Room: 317B (HCC)
Time: 8:00 AM - 11:45 AM
Chairs: C. Michael Barton and Sander Van Der Leeuw

Participants:
8:00 Enrico Crema—An Abstract Model of Endogenous and Exogenous Fission Fusion Dynamics
8:15 Iza Romanowska, Ben Davies, Tom Brughmans, and David O'Sullivan—Finding Resources in a Desert: An Agent-Based Model of Hunter-Gatherer Foraging
8:30 Jacob Freeman and John M. Anderies—A Model of Hunter-Gatherer Intensification
8:45 Sean Bergin and C. Michael Barton—Dimensions of Human Land-Use Practices: An Exploration of Socio-Natural Interactions in Neolithic Spain
9:00 Isaac Ullah and C. Michael Barton—Simulating “Collapse”: A Computational Modeling Approach to Understanding Adaptive Reorganization in Low-Level Socio-Natural Systems
9:15 John Murphy, Mark Altaweel, Lilian Alessa, and Andrew Kliskey—Water Then and Water Now: Computational Approaches to Modeling Archaeological and Contemporary Water Management
9:30 Kelsey Reese, R. Kyle Bocinsky, Addy Donyina, Donna Glowacki, and Scott Ortmann—What Are Communities, Really?
9:45 Q&A
10:00 Kathleen Galvin—Linking Decision-Making to Ecosystem Services: Using an Integrated Modeling Approach
10:15 Andrew Bevan and Andrew Bevan—Joint Evolutionary Models of Places, Paths, and Landscapes
10:30 Scott Heckbert—Growing the Ancient Maya Social-Ecological System from the Bottom Up
11:00 Shawn Graham—Discussant
11:15 Jed Kaplan and Carsten Lemmen—From Forest to Farmland and Meadow to Metropolis: Global Anthropogenic Land Cover Change over the Holocene
11:30 Sander Van Der Leeuw—Discussant
[24] SYMPOSIUM ■ BEYOND PERIPHERIES: MATERIAL AND CONCEPTUAL BORDERLANDS OF BECOMING

Room: 323A (HCC)
Time: 8:00 AM - 11:45 AM
Chair: Neal Ferris

Participants:

8:00  Gwen Bennett—Borders on the Land, Borders in the Mind: The Archaeology of the Khitan/Liao Period in North China
8:15  Ulrike Green and Kirk E. Costion—Modeling Ranges of Cross-Cultural Interaction in Ancient Borderlands
8:30  Charles Cobb and Chester DePratter—The Many Faces of Colonial Borderlands
8:45  Aubrey Cannon—Protocols in Residential Site Placement and Regional Interaction on the Northwest Coast
9:00  Richard Hingley—A Chorography of Becoming for the Northern Frontier of England
9:15  Jermy Cunningham—Recentering Peripheries: Domestic Production in Paquimé’s Hinterland
9:30  Linda Howie and Sherman Horn III—The Same Thing Only Different: Maya Identity Construction in the Eastern Lowland “Borderlands”
9:45  Michael Spence—Urban Borderlands: The Oaxaca Barrio of Teotihuacan
10:00 Christopher Watts—Becoming Animal in Iroquoian Corporealities
10:15 Neal Ferris—On Becoming within and beyond Archaeological Borderlands
10:30 Meghan Howey—Impossible But Everyday Affairs in the Borderlands of the Upper Great Lakes, 1200-1600
10:45 Susan Blair and Melanie Wiber—Ancient “Mesh Societies”? What Augustine Mound Can Teach Us about Deconstructing Centres and Boundaries
11:00 Thomas Emerson—Ethnogenesis and Political Formation on Cahokia’s Northern Frontier
11:15 Susan Alt—Immigrants on the Border: Cahokia and the Synergy of Mississippian on the Edge
11:30 Maureen Meyers—Exchange, Control, and Power at a Mississippian Periphery: The Fourteenth-Century Carter Robinson Chiefdom

[25] SYMPOSIUM ■ USING THE BRUKER TRACER III+ PORTABLE ED-XRF ANALYZER TO INVESTIGATE COMPOSITIONAL VARIATION IN ARCHAEOLOGICAL CERAMICS AND NATURAL CLAYS

Room: 319B (HCC)
Time: 8:00 AM - 12:00 PM
Chairs: John Richards and Patricia Richards

Participants:

8:00  Bruce Kaiser—Photon Physics in Archaeology: The State of the Art
8:15  Elissa Huit—A Statistical Model for Compositional Analysis and Clay Sourcing Using the Portable X-Ray Fluorescence Device for Analysis of Prehistoric Ceramics
8:30  Jocelyn Boor—Compositional Analysis of Bronze Age Ceramics from Tell Hadidi, Syria: A Comparison of Three Data Sets
8:45  William Balco—Compositional Analysis of Indigenous Iron Age Pottery from Western Sicily: From Challenge to Interpretation
9:00  Michelle Birnbaum—Characterizing North Bay Ceramic Pastes Using pXRF, XRD, and Optical Petrography
9:15  Jennifer Haas—Middle Woodland in Southeast Wisconsin: Ceramic Composition at the Finch Site
9:30  Jennifer Picard, Jennifer Haas, and Ricky Kubicek—Sourcing Late Woodland
Collared Ware and Madison Ware Vessels from the Finch Site, Southeast Wisconsin

9:45 Seth Schneider—Oneota Interaction among Three Localities in Eastern Wisconsin: Ceramic Compositional Analyses of Six Oneota Pottery Assemblages

10:00 Q&A

10:15 Marcus Schulenburg—Identifying Non-Local Pottery: pXRF Analysis of two Fort Ancient Assemblages

10:30 John Richards and Seth Schneider—Ceramic Paste Composition at Cahokia and Aztalan: A Comparison Using Portable X-ray Fluorescence and Ceramic Petrography

10:45 Thomas Zych—Stylistic and Compositional Variability in Pottery from the Northeast Platform Mound at Aztalan

11:00 Jill Kotwasinski and John Richards—A Compositional Perspective on Ceramics from the 2011 UWM Excavations at the Aztalan Site

11:15 Patricia Richards and Lisa Zimmerman—Belgian Brickworks on the Door Peninsula: A Preliminary Compositional and Spatial Analysis of Hand-Molded Bricks from the Vandermissen Brickworks

11:30 George Calfas, Michelle Birnbaum, and John Richards—These Pots Talk: Where Were Face Vessels Manufactured?

11:45 James Skibo—Discussant

[26] SYMPOSIUM NEW APPROACHES TO THE ARCHAEOLOGICAL AND BIOARCHEAEOLOGICAL STUDY OF SOUTH AMERICAN HUNTER-GATHERER SOCIETIES
Room: 315 (HCC)
Time: 8:00 AM - 12:00 PM
Chairs: Marta Alfonso-Durruty and Flavia Morello Repetto

Participants:

8:00 Marta Alfonso-Durruty and Flavia Morello—Haunted by the Hunter: In the Trail of the South American Models for Prehistoric Hunter-Gatherers

8:15 Lucas Bueno—Peopling the Eastern South America: Occupying the Landscape and Constructing Territories in Central Brazilian Plateau during Pleistocene/Holocene Transition

8:30 Antoine Lourdeau—Advances in Lithic Technology of Prehistoric Hunter-Gatherer Societies in Central and Northeast Brazil

8:45 Fabiana María Martín, Francisco Juan Prevosti, Charles R. Stern, Manuel San Román, and Flavia Morello—New Late Pleistocene Faunal Evidences from Cerro Benitez, Ultima Esperanza, Chile

9:00 Flavia Morello Repetto, Consuelo Huidobro, Luis Borrero, Manuel San Roman, and Fabiana Martín—Hunter Gatherers of Cerro Benitez, Southern Patagonia: Discussing Environmental Changes and Cultural Developments over 10.000 Years

9:15 César Méndez Melgar, Omar Reyes, Amalia Nuevo Duelaunay, Juan García, and Charles Stern—Holocene Human/Environment Dynamics along the Eastern Andean Flank of Central Patagonia (Alísén Region, Chile)

9:30 Peter Stahl—Mammalian Archaeofaunal Accumulations at the Las Vegas site and Early Human/Animal Relationships in Southwestern Ecuador

9:45 Manuel San Roman, Jimena Torres, and Flavia Morello—Maritime Peopling Sequences on Southern Patagonia and Tierra del Fuego: Discussing Discontinuity and Reassessing Cultural Traditions

10:00 Nicole Misarti, Luis Borreno, Manuel San Roman, Herbert Maschner, and Bruce Finney—Marine Paleo-Food Webs from Southernmost Patagonia: Tracing Human Resource use by Geographic Area through Stable Isotope Analysis
Thursday Morning, April 4

10:15  Gustavo Barrientos and Juan Bautista Belardi—Patterns and Processes of Holocene Hunter-Gatherer Diversification in Southern Patagonia

10:30  Vivien Standen, Bernardo Arriaza, and Calogero Santoro—A Bioarchaeological Model of Early Sedentism in Chinchorro hunters, Fishers, and Gatherers in the North of Chile (7000-3700 B.P.)

10:45  Leslye Valenzuela—Projectile Points as Symbols during the Late Archaic in the Central Coast of Peru (3000-1500 cal B.C.): Origin, Technology, and Use of a Lithic Find in Cerro Lampay

11:00  Karen Borrazzo, Karen Borrazzo, Marcelo Cardillo, and Judith Charlin—Spatial Patterns in Late Holocene Lithic Technology of Tierra del Fuego: Evidences from Raw Material and Projectile Point Variations

11:15  Amalia Nuevo Delaunay, Juan Bautista Belardi, Flavia Carballo Marina, and Hernán De Angelis—Contact, Disarticulation, and Continuity in Tehuelche Groups: Settlement Patterns and Technology in South Patagonia (Santa Cruz, Argentina)

11:30  Daniel Sandweiss—Discussant

11:45  Luis Borrero—Discussant

[27] SYMPOSIUM: THEORETICAL AND METHODOLOGICAL ISSUES FOR OCEANIC COLONIZATION

Room: 312 (HCC)
Time: 8:00 AM - 12:00 PM
Chair: Timothy Rieth

Participants:
8:00  David Burley—First Settlement and Population Expansion Reconsidered in West Polynesia
8:15  Timothy Rieth and Alex Morrison—Reanalysis of the Earliest Deposits in American Samoa Using Bayesian and Age-Depth Models
8:30  Jeffrey Clark—Residential Mobility: A Model of Early Settlement Systems in the Central Pacific
8:45  Alex Morrison and Melinda Allen—Did Climate Change Drive Polynesian Migrations and Island Colonization? Modeling Climate Effects on Marine Ecosystems and Human Resources
9:00  Guillaume Molle and Eric Conte—New Investigations on Hane Dune Site (Ua Huka) and the Implications for the Colonization of the Marquesas Islands
9:15  Mara Muirroney and Simon Bickler—Radiocarbon Chronologies at the Margins of East Polynesia
9:30  John O’Connor—Fishhook Variability in East Polynesia
9:45  Amy Commendador, Julie Field, John Dudgeon, and Timothy Rieth—The Diet of Rodents, Pigs, and Dogs in Prehistoric Hawai‘i Island: Implications for an Evolving Agricultural Landscape from Isotopic Analyses
10:00  Christopher Filimoehala and David Addison—Examining the Late Settlement of Tokelau
10:15  Scott Fitzpatrick, Greg Nelson, and John Krigbaum—Palau’s Position in the Colonization and Settlement of the Pacific: New Perspectives from the Chelechol ra Orrak Rockshelter
10:30  Michael Pietrusewsky, Hallie Buckley, and Dimitri Anson—Polynesian Origins: Biodistance Studies of Crania, Mandibles, and Some Lapita Skeletons
10:45  Karen Kadohiro, Adam Lauer, and Michael Pietrusewsky—Using Spatial Variation Analyses to Test Biological Distance Models in Pacific Populations
11:00  Bruce Floyd and Ben Davies—A Question of Oceanic Proportions: Demographics, Migration, and Morphology in Remote Oceans
11:15  Estelle Herrscher, Frédérique Valentin, Hallie Buckley, Stuart Bedford, and
Matthew Spriggs—Changing Subsistence Patterns during the First Millennium B.C. in the South Western Pacific

11:30

Cherie Walth—Social, Cultural, Biological Relatedness Based on the Skeletal Remains of Pre-Latte and Latte Period Samples from Guam

11:45

Ethan Cochrane—Discussant

**SYMPOSIUM ■ LITHIC TECHNOLOGICAL ORGANIZATION AND PALEOENVIRONMENTAL CHANGE**

Room: 323C (HCC)

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

**Chairs:** Erick Robinson and Frederic Sellet

**Participants:**

8:00

Erella Hovers and René Bobe—Was Oldowan Lithic Technology Responsive to Environmental Change?

8:15

Philip Van Peer—Diversity and Change in Lithic Technological Organization in the Northeast African MSA

8:30

Alexander Mackay and Emily Hallinan—Provisioning Responses to Environmental Variation from MIS 4-2 in the Western Cape, South Africa

8:45

Julien Riel-Salvatore and Fabio Negrino—Lithic Technology, Mobility, and Human Niche Construction in Early Upper Paleolithic Italy

9:00

Erick Robinson and Philippe Crombé—Early Holocene Abrupt Climate Change and Hunter-Gatherer Lithic Technological Organization in Northwest Europe

9:15

Peter Hiscock—Australian Lithics and Environmental Change

9:30

Chris Clarkson—What Gave Rise to the South Asian Microlithic? Modern Human Arrival or Climate Change?

9:45

Kazuki Morisaki, Masami Izuho, and Hiroyuki Sato—Human Reactions to the Environmental Change of the Pleistocene-Holocene Transition in the Japanese Archipelago

10:00

Loukas Barton, Robert Bettinger, Christopher Morgan, and Mingjie Yi—Winter Mobility and the Microblade Adaptation in Asia and Alaska

10:15

Kelly Graf and Angela Gore—Technological Organization at Owl Ridge and Dry Creek: Human Response to Late Pleistocene Environmental Change in Central Alaska

10:30

Ted Goebel—Technological Change from the Terminal Pleistocene to Middle Holocene in the Eastern Great Basin, U.S.A.

10:45

Frederic Sellet and Jack Hofman—My Flute Is bigger Than Yours: Nature and Causes of Technological Changes on the American Great Plains at the End of the Pleistocene

11:00

Rafael Suarez—The Peopling of Southeastern of South America: Cultural Diversity, Paleoenvironmental Conditions, and Organization of Lithic Technology during the Pleistocene Holocene Transition

11:15

Nora Franco, Luis Borrero, George Brook, and María Virginia Mancini—Changes in Technological Organization and Human Use of the Space in the South of Patagonia (Argentina) during the Late Holocene

11:30

Michael Shott—Discussant

11:45

Michael Jochim—Discussant

**SYMPOSIUM ■ SPATIAL APPROACHES TO THE HISTORY OF ARCHAEOLOGY**

(Sponsored by History of Archaeology Interest Group [HAIG])

Room: 323B (HCC)

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

**Chairs:** Neha Gupta and Bernard Means
Participants:
8:00  Neha Gupta—Geopolitical Concerns, National Interests, and the Case of Sanghol in Indian Archaeology
8:15  Alice Kehoe—From Alexander von Humboldt to El Arenal Chickens: Strong Evidence and Strong Denials on Long-Distance Contacts
8:45  Anastasiya Travina—From Colonial Chronicles to Bootstrap Analysis: The Evolution of Research Methods for Studying Inca Spatial Organization
9:00  Charlotte Young—Spatial and Temporal Differences in Photographing Archaeological Sites in the Mid-Twentieth Century
9:15  Jennifer Bracewell—The Infertile Crescent Revisited: A case (Study) for the History of Archaeology
9:30  Elizabeth Bollwerk—From Cultural Complexes to Complex Social Topography: A History of Spatial Approaches to Native Cultural Landscapes in the Middle Atlantic
9:45  Q&A
10:00  Bernard Means—Geographic Variation in New Deal Archaeology across the Lower 48 States
10:15  Katie Kirakosian—Cause and Effect: Social Networks and Archaeological Excavations
10:45  John Cottier and Cameron Wesson—Big Sites, Big Questions, Big Data, Big Problems: Scales of Investigation and Perceptions of Southeastern North American Archaeology
11:00  Sam Duwe—Space, Place, and Fluid Landscapes of Archaeology in the American Southwest
11:15  John Kelly and Kathleen Stahlman—the Contribution and Biases of Highway Projects to the History of Archaeology in the St. Louis Region: A Spatial Assessment
11:30  Brent Hicks—Legislative and Business Influences on Our Understanding of American Archaeology
11:45  Q&A

[30] SYMPOSIUM—GLOBAL PERSPECTIVES ON THE EVOLUTION OF COMPLEX SOCIETIES: PAPERS IN HONOR OF HENRY T. WRIGHT FROM HIS STUDENTS, PART 1
Room: 311 (HCC)
Time: 9:15 AM - 12:00 PM
Chair: Geoff Emberling

Participants:
9:15  Geoff Emberling—Discussant
9:30  Karen Mudar—Henry T Wright: His Student Legacy, Service to the Field, and Contributions beyond Academia
9:45  Lynn Rainville—Discussant
10:00  Alex Barker—Stealing Fire: Processualism, Abduction, and the Reconstruction of Meaning in Prehistory
10:15  Paul Welch—Moundville’s Economy, Version 2
10:30  Eric Rupley—Fun with Flowcharts! (More Recent Research on the Origin of the State)
10:45  Robert Schacht—Henry Wright and Landscape Archaeology on the Susiana Plain
11:00  Susan Pollock—Commensality and Painted Pottery Traditions in the Late 5th
Millennium in Southwestern Iran

11:15 Patricia Wattenmaker—Peer Polity Dynamics and the Expansion of Bureaucracies in Third Millennium Mesopotamia

11:30 Naomi Miller and Ayse Gürsan-Salzmann—Plants and Politics: Preserving the Historical Landscape and Open-Air Archaeological Site at Gordion, Turkey

11:45 Q&A

[31] FORUM THE STATE OF MONGOLIAN CULTURAL HERITAGE TODAY
Room: 318A (HCC)
Time: 10:00 AM - 12:00 PM
Moderator: Richard Ciolek-Torello

Participants:
Diane Douglas—Discussant
Elizabeth Bradshaw—Discussant
Tserennadmid Osorpurev—Discussant
Willem Willems—Discussant
Byambaa Gunchinsuren—Discussant
Chen Shen—Discussant
Paula De Priest—Discussant
Charles Krusekopf—Discussant
William Fitzhugh—Discussant

[32] SYMPOSIUM ASSEMBLING ÇATALHÖYÜK
Room: 303A (HCC)
Time: 10:00 AM - 12:00 PM
Chair: Arkadiusz Marciniak

Participants:
10:00 Ian Hodder—Assembling Çatalhöyük: Theory and Practice
10:15 Joshua Sadvari, Michael Charles, Christopher Ruff, Tristan Carter, and Milena Vasic—The People and Their Landscape: Changing Mobility Patterns at Neolithic Çatalhöyük
10:30 Tristan Carter, Nerissa Russell, Scott Haddow, Amy Bogaard, and Christina Tsoraki-Chan—Laying the Foundations: Creating Households at Neolithic Çatalhöyük
11:00 Burcu Tung, Arzu Demirergi, Duygu Tarkan, and Camilla Mazzucato—Sharing and Neighborhoods: Assembling Social Ties at Neolithic Çatalhöyük
11:15 Sabrina Agarwal, Clark Larsen, Joshua Sadvari, Carolyn Nakamura, and Jessica Pearson—Roles for the Sexes: The Bioarchaeology of Women and Men at Çatalhöyük
11:30 Jessica Pearson, Lynn Meskell, Carrie Nakamura, and Clark Spencer Larsen—Isotopes and Images: Fleshing Out Bodies at Çatalhöyük
11:45 Melinda Zeder—Discussant

[33] GENERAL SESSION LITHIC SOURCING
Room: 306B (HCC)
Time: 10:15 AM - 12:00 PM
Chair: Jessica Jones
Participants:
10:15 Matthew Landt and Neil Hauser—Sourcing Bridger Chert Using LIBS
10:30 Tom Kimber, Vincenzo Poppiti, Daniel A. Contreras, Nicholas Tripcevich, and Yuri Cavero—Quantifying Quarrying: Investigations at the Source of Quispisisa-Type Obsidian, Ayacucho, Peru
10:45 Olaf Jaime-Riveron and Christopher A. Pool—Sourcing Olmec Basalt in Southern Gulf Coast of Mexico
11:00 Michele Punke—The Surveyor Spring Site: An Ash-Flow Tuff Obsidian Source in South-Central Oregon
11:15 Susannah Wales, Elizabeth A. Scholz, Chelsea B. Lewis, and George T. Jones—The Effects of Reoccupation on Lithic Source Diversity in Studies of Paleoarchaic Mobility in the Great Basin
11:30 Jessica Jones—A Study of Visual Ground Stone Source Analysis within the Teotihuacan Valley
11:45 Javier Rivas, Paulina Ivette Poot, Ventura Rodríguez, María del Rosario Domínguez, and Raymundo Javier González—Chemical Characterization of Limestone Quarries from Oxpemul, Campeche

Symposium From Pinyon Canyon to Ogallala: A Quarter Century of Remote Sensing in the U.S.
Room: 303B (HCC)
Time: 10:30 AM - 12:00 PM
Chair: Kris Lockyear
Participants:
10:30 Rinita Dalan, Steven De Vore, and Bruce Bevan—Archaeological Prospection Advances for Non-destructive Investigations: Contributions of the National Park Service Workshop
10:45 Jami Lockhart, Scott Hammerstedt, Amanda Regnier, Patrick Livingood, and John Samuelson—Ongoing Geophysics, Mapping, Interpretation, and Testing at Spiro Mounds
11:00 Jarrod Burks—Magnetic Susceptibility and Its Use in Distributional Surveys on Historic and Prehistoric Sites in the Midwest U.S.
11:15 Kris Lockyear—An Englishman Abroad
11:30 Suzanne Stone and Jarrod Burks—Fort Brown – What Lies Below?
11:45 Michael Hargrave, R. Berle Clay, Rinita Dalan, Diana Greenlee, and Lewis Somers—Geophysical and Archaeological Investigations at Poverty Point

Symposium Birds and People of the Pacific: An Archaeornithological Perspective on Circum-Pacific Archaeology
Room: 301B (HCC)
Time: 10:30 AM - 12:00 PM
Chairs: Emily Whistler and Rene Vellanoweth
Participants:
10:30 Christopher Stimpson—Birds and People in a “Biodiversity Hotspot”: A 50,000 year Zooarchaeological Perspective from the Great Cave of Niah, Sarawak
10:45 Emily Whistler, Ryan P. Moritz, Jennie A. Allen, and René L. Vellanoweth—The Middle Holocene Presence of Short-Tailed Albatross (Phoebastria albatrus) and Northern Fulmar (Fulmarus glacialis) on San Nicolas Island, CA
11:00 Helen James—Bird Bones in Hawaiian Archaeology: Causes of Extinctions, Radiocarbon Chronology, and the Marine Reservoir Problem
11:15 Alice Storey—Nest eggs: The importance of Chickens to Pacific Island Economies and Cultures Past and Present
11:30 Alison Boyer—Holocene Extinctions of Pacific Island Birds: What Was the Role of Humans?

11:45 Madonna Moss—Discussant

[36] **GENERAL SESSION ORGANIZATION OF PRODUCTION IN THE AMERICAS**

**Room:** 305A (HCC)

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

**Chair:** Angela Keller

**Participants:**
- 10:30 Angel Gongora, Cristian Hernandez, and Ruben Chuc—La actividad pesquera entre los mayas prehispánicos del noroeste de Yucatán
- 10:45 Matt Yacubic and Nate Meisnner—Regional Trends in Obsidian Artifacts, a Look at the Central Peten during the Postclassic and Early Colonial Periods
- 11:00 Drew Ward and Terry Powis—Preliminary Investigations of a Late Classic Maya Granite Workshop at Pacbitun, Belize
- 11:15 Mark Robinson, Holley Moyes and Keith Pruefer—Through the Cave: Ancient Maya Wood in Creating Sacred Space, Southern Belize
- 11:30 Angela Keller—Farmers’ Jade: The Greenstone Objects of Chan, an Ancient Maya Farming Community
- 11:45 Brent Auble—Exploring the Development of Complex Civilization in Ancient Peru Using an Agent-Based Model

[37] **POSTER SESSION DENTAL MORPHOLOGY AND ANALYSIS IN BIOARCHAEOLOGY**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)

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

**Participants:**
- 37-a Rebecca Mountain—Assessing the Relationship between Antemortem Tooth Loss and Osteoporosis among the Early Farmers of the Sonoran Desert
- 37-b Andrea Cucina, T. Douglas Price, James Burton, Evelia Magaña, and Agustin Peña—Dental Morphology and Sr Isotope Analysis of Population Dynamics in the Ancient Maya Classic Period: The Case of Noh Bec, Yucatan, Mexico
- 37-c Jessica Stone, Scott Burnett, Scott Fitzpatrick, and Abby Heller—Dental Pathology of Late Ceramic Age Inhabitants on the Island of Carriacou, West Indies

[38] **POSTER SESSION BIOARCHAEOLOGY**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)

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

**Participants:**
- 38-a Helen Cho—Histological Age Estimation of Archaeological and Diagenetic Bone
- 38-b Hua Zhang, Jigen Tang, Yuling He, Mark Skinner, and Deborah C. Merrett—Degenerative Joint Disease of Late Shang People in Anyang, China (ca. 1250–1046 B.C.)
- 38-c Blaine Maley, Blaine Maley, José Capriles, Freddy Paredes-Rios, and Bernardino Mamani—A Comparative Analysis of Two Early Holocene Human Skeletons from the Bolivian Andes
- 38-d Kassie Sugimoto and Danielle Kurin—Investigating the Bio-cultural Basis of Ethnic Identity: Cranial Modification and Dental Non-metric Co-variance in Ancient Andahuaylas, Peru
- 38-e Jill Rhodes, Barbara A. Omay, and Joseph B. Mountjoy—Brief lives: Childhood Mortality and the Bioarchaeology of West Mexico
Thursday Morning, April 4

38-f Evan Hardy, Grace Hua Zhang, Cindy Xin Zhao, Deborah Merrett, and Dongya Yang—Temporal and Spatial Trends in Stature in Neolithic through Early Imperial Dynasties of China

38-g Jordan Karsten and Gwyn Madden—The Transition to Agriculture and Its Impact on Health in Prehistoric Ukraine

38-h Elizabeth DiGangi—Taphonomic Evidence of Ancient Carnivore Modification in a Chulupa Machay Tomb from the Site of Hualcayán, Callajón de Huaylas Valley, in Peru's Northern Highlands

38-i Barbara Omay, Jill Rhodes, and Joseph Mountjoy—Lessons in Taphonomy: An SEM Analysis of Suspect Cut-Marks from the Middle and Late Formative Periods of West Mexico

38-j Destiny Micklin—The People of Actuncan: Locals or Migrants?

38-k Laurie Reitsema and Victor D. Thompson—Large-Scale Fourier Transform Infrared Spectroscopy Assessment of Bone Mineral Quality in Poland: Toward an Acceptable Range

38-l Geraldine E. Fahy, Michael P. Richards, Jean-Jacques Hublin, and Christophe Boesch—Weaning in Chimpanzees: Stable Carbon and Nitrogen Isotope Analysis to Determine the Duration of Breast Milk Consumption and the Introduction of Solid Foods in Chimpanzees (Pan troglodytes)

38-m Mark Hubbe and Christina Torres-Rouff—The Relationship between Burial Offerings and Aspects of Diet, Social Identity, and Violence in Northern Chile's Atacama Oases

[39] POSTER SESSION ■ MORTUARY ANALYSIS
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 10:30 AM - 12:30 PM

Participants:
39-a John Schultz—The Application of GPR for Forensic Contexts: Detecting Buried Firearms and Graves
39-b Ludovic Bellot-Gurlet, Laurence Manolakakis, Martine Regert, and Céline Paris—From Materials to Symbolic Function: Pigments and Glue Residues in a Neolithic Funerary Context
39-d Jack Biggs—Mortuary Correlates of Maya Cranial Shaping in the Pasión Region
39-e John Whittaker, Kathryn Kamp, and Byl Bryce—Projectile Points from the "Magician" Burial
39-f Cheryl Anderson—Mortuary Ritual and Identity among the Ancestral Tarahumara
39-g Mark Hill—Changing Social Structures of the Late Archaic: Network Analysis of Mortuary Populations from the Reigh and Riverside Sites in the Northern Lake Michigan Basin
39-h Lara McFadden—Feasting the Dead: The Significance of a Faunal Assemblage at an Ancient Burial Ground

[40] POSTER SESSION ■ HISTORIC CEMETERIES
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 10:30 AM - 12:30 PM

Participants:
40-a Michael Sprowles—A Year in the Necropolis: Digitizing Historic Cemeteries for
Optimum Resource Management, Public Dissemination, and Research Potential

40-b Lisa Anselmi and Kevin Williams—Reconnecting with the Past: Locating Historical Graves Using Ground Penetrating Radar in Western New York

40-c Peter Killoran, David Pollack, Heather Worne, Stuart Nealis, and Emily Vanderpool—Preliminary Analysis of the Human Remains, Associated Eastern States Hospital, Lexington, Kentucky

40-d Emily Laak, David Stock, Alexis Jordan, and Jacquelyn Bluma—Fractured Pasts and Brittle Bones: Another Look at Two Mid-nineteenth Century German Cemeteries of Southeastern Wisconsin

[41] POSTER SESSION ■ PREHISTORIC BODIES OF EVIDENCE
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 10:30 AM - 12:30 PM

Participants:
41-a Kirsten Green—For the Love of Corn: Changes in Osteoarthritis of the Elbow and Shoulder Joints in Women When Transitioning from Hunting and Gathering to Agricultural Subsistence

41-b Raymond Mauldin, Robert Hard, Cynthia Munoz, and Jennifer Rice—Stable Carbon (δ13Ccollagen, δ13Ccarbonate) and Nitrogen (δ15N) Isotopes from Radiocarbon Dated Hunter-Gatherer Remains at Hitzfelder Cave, Texas

41-c Brenda A. Alvarez-Sandoval, Linda R. Manzanilla, and Rafael Montiel—Sex Determination of Ancient Human Remains by HRM Analysis: The Case of Teopancazco, Teotihuacan

41-d Raul Tito and Cecil M Lewis—Análisis metagenomico de coprolitos humanos

41-e Lisa Benson and Katie Saunders—A Look at Osteological Stressors during the Fremont Period in Utah

41-f Adrianne Offenbecker and D. Troy Case—Contact in the Northern Great Plains: An Assessment of Biological Stress among the Protohistoric Arikara

[42] POSTER SESSION ■ CURRENT DIRECTIONS IN BIOARCHAEOLOGY
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 10:30 AM - 12:30 PM

Chairs: Madeleine Mant, Laura Lockau, and Lelia Watamaniuk

Participants:
42-a Tara Jenkins—Context, Needs, and Social Messaging: Situating Iroquoian Human Bone Artifacts

42-b Johanna Kelly, Crystal Forrest, and Alexis Dunlop—Examining Statistical Differences between Standard Osteological Measurements Taken in Situ versus in a Laboratory Setting

42-c Laura Lockau, Ana-Maria Dragomir, Rebecca Gilmour, Madeleine Mant, and Megan Brickley—Utility of the Zonation Method for the Study of Fragmentary, Commingled, and Disarticulated Human Remains: Cataloguing the Smith’s Knoll Collection

42-d Madeleine Mant, Megan Brickley, Juanita DeBarros and D. Ann Herring—Bioarchaeology and Perimortem Trauma

42-e Lelia Watamaniuk and Megan Brickley—Measuring Variation as an Indicator of Differential Stress in Bioarchaeology

[43] GENERAL SESSION ■ SYMBOLS AND RITUALIZATION IN THE SOUTHWEST
Room: 301A (HCC)
Time: 10:45 AM - 12:00 PM
Chair: Samantha Fladd

Participants:
10:45  Samantha Fladd, Saul Hedquist, and Leslie Aragon—Ritual Deposition and Architectural Space: A Multi-Scalar Investigation of Identity Expression at Homol’ovi I
11:00  Emily Ditto and Erin Nelson—Symbolically Significant Substances and Cosmologically Connected Objects: What Do They Do?
11:15  Caitlin Sommer—Animacy, Symbolism, and Feathers from Mantle’s Cave, Colorado
11:30  Sharon Wester Davis—House Societies in the Post-Chaco Era: The Use of Mortuary Practices to Define Space
11:45  Katherine Dungan—Kivas, Plivas, and Plazas: Variation in Religious Space and Religious Practice in the 13th Century Mogollon Highlands

[44]  GENERAL SESSION ■ CHOPPING AND CINCHING: CASES STUDIES IN HISTORIC ARCHAEOLOGY
Room: 319A (HCC)
Time: 11:00 AM - 12:00 PM
Chair: Rebecca Gibson

Participants:
11:00  Rebecca Gibson—What a Waist: Examining Dimensions in Victorian Era Corsetry
11:15  Elizabeth Spott—An Examination of Gender, Class, and Identity: A Comparison of Material Culture from the Chief Richardville House and the Richardville-Lafontaine site
11:30  Alison Bell—Constituting Personhood among “The Middling” in 18th- and 19th-Century Virginia
11:45  Christopher Harper—Historic Logging within the Desert National Wildlife Refuge, Nevada

[45]  GENERAL SESSION ■ ZOOARCHAEOLOGY OF MARINE AND WETLAND CONTEXTS
Room: 318B (HCC)
Time: 11:15 AM - 12:00 PM
Chair: Thomas Wake

Participants:
11:15  Aletheia Bouknight—Analysis of Bird Remains from the Bergen Site (35LK3175), Fort Rock Basin, Oregon
11:30  Thomas Wake—Sitio Drago: Assessing the effects of 600 years of Harvesting Pressure in a Neotropical Marine Environment
11:45  Kelli Barnes, Nicole Misarti, Bruce Finney, and Herbert Maschner—The Shell Game: Exploring Ancient Human Ecosystems Using Stable Isotopes from Marine Shells
Thursday Afternoon ■ April 04, 2013

[46A]  THE ETHICS BOWL
Room: 319A (HCC)
Time: 1:00 PM - 3:00 PM

[46]  SYMPOSIUM ■ SOCIAL INEQUALITY IN THE PRE-HISPANIC AMERICAS
Room: 314 (HCC)
Time: 1:00 PM - 2:15 PM
Chair: Ernesto Gonzalez-Licon
Participants:
1:00  Rebecca Storey and Lourdes Marquez Morfin—Status and Health among Artisans of Teotihuacan, Mexico
1:15  Patricia Hernandez Espinoza—Social Stratification and Inequality at Tamtoc, SLP, Mexico
1:30  Lourdes Marquez Morfin—The Epidemics of Typhus and Cholera in the City of Mexico in the 19th Century: A Reflection of Social Inequality
1:45  Vera Tiesler and Andrea Cucina—Ancient Maya Courtly Life, Living Conditions, and Health (Problems) in the Context of Social Inequality
2:00  Allan Ortega—Vulnerable Groups among Postclassic Maya from East Coast of Peninsula of Yucatan: El Meco and El Rey Case Studies

[47]  SYMPOSIUM ■ THEORETICAL AND METHODOLOGICAL ISSUES FOR OCEANIC COLONIZATION, PART 2
Room: 312 (HCC)
Time: 1:00 PM - 2:15 PM
Chair: Alex Morrison
Participants:
1:00  Lisa Matisoo-Smith, Jose Miguel Ramirez, Michael Knapp, Olga Kardailsky, and Andrea Seelenfreund—Redrawing the Polynesian Triangle?
1:15  J. Athens, Timothy Rieth, and Tom Dye—Evaluating Discrepancies between Paleoenvironmental and Archaeological Estimates for the Colonization of Oceanic Island
1:30  John Dudgeon, Monica Tromp, Amy Commendador, and Rebecca Hazard—Colonization Histories Revealed through Archaeogenetic Analysis of Prehistoric Rapa Nui Skeletons
1:45  Stefan Prost, Andrew Clarke, Olga Kardailsky, David Addison, and Lisa Matisoo-Smith—MtDNA and Y Chromosome Evidence for the Origins and Population History of Tokelau
2:00  Alvaro Montenegro, Richard Callaghan, and Scott Fitzpatrick—From West to East Polynesia: A Voyaging Analysis Using Two Complementary Computer Simulations

[48]  GENERAL SESSION ■ ARCHAEOLOGY IN EDUCATION: STUDENTS “DIG” ARCHAEOLOGY
Room: 305A (HCC)
Time: 1:00 PM - 2:30 PM
Chair: Kalena Giessler
Thursday Afternoon, April 4

HHV=Hilton Hawaiian Village   (HCC)= Hawaii Convention Center

Participants:
1:00  Kalena Giessler, Parin Patel, Sarah Butler, Paul Salay, and Lynn Swartz Dodd—ARC You Smarter Than A Sixth Grader? Promoting Archaeology through Educational Outreach
1:15  Maija Glasier-Lawson—Archaeological Explorers: Testing the Impact of Public Archaeology on Young Learners
1:30  Heidi Lennstrom—Inquiring Minds Want to Know: Bringing Archaeological Research to Very Young Audiences
1:45  Victor Fisher—Treatment of Archaeoastronomy in Introductory Textbooks and in American Antiquity
2:00  Robert Hard, M. Kathryn Brown, Sonia Alconini, and Laura J. Levi—Quantitative Learning in Introduction to Archaeology
2:15  Linda Neff—Getting Your Students to Read the Text in an Undergraduate Archaeology Classroom

SYMPOSIUM ■ DIFFERENCE THEORY
Room: 309 (HCC)  
Time: 1:00 PM - 2:45 PM  
Chair: Roland Fletcher

Participants:
1:00  Christophe Pottier—Digging the History in Angkor (Cambodia)
1:15  Robert Maxwell—Concrete Ideals – Dissonance and the New Brutalism
1:30  Lisa Lucero—The Dissonance of Collapse: The Demise of Maya Kings and Perseverance of Farmers
1:45  Rachael Lane—Morality, Knowledge of the Past, and Difference Theory
2:00  Peta Longhurst—The Foundations of Madness: The Role of the Built Environment in the Mental Institutions of New South Wales, Australia
2:15  Mark Pluciennik—Differential Processes ...
2:30  Geoff Bailey—Discussant

GENERAL SESSION ■ CONSUMPTION IN SOUTH AMERICA: DIET, AGRICULTURE, AND PLANT USE
Room: 303A (HCC)  
Time: 1:00 PM - 2:45 PM  
Chair: Winifred Creamer

Participants:
1:00  Winifred Creamer, Winifred Creamer, and Jonathan Haas—The Agricultural Foundation of Andean Civilization
1:15  Emma Brown, Ben Stern, Arthur Aufderheide, and Andrew Wilson—Chemical Evidence for Snuffing Practices in the Azapa Valley, Northern Chile, during the Late Intermediate Period
1:30  Michael Schaefer and Fernanda Neubauer—Sacred Cuisine: Culinary Practice at Maranga, Central Coastal Peru
1:45  Cassandra Koontz—Maximizing the Molle: Multi-criteria Cost Surface and Cost Catchment Models for Wari Colonization of Coastal Arequipa (A.D. 600-1000)
2:00  Caroline Caromano and Rui Sergio Sereni Murrieta—Fire in Pre-Colonial Amazon: Some First Thoughts on Its Use as Technology and Its Possible Past Roles under Material Culture Theory
2:15  Sarah Williams—Palynological Investigations during the Colonial Reducciones at Magdalena de Cao Viejo, Peru
2:30  Brian McCray and John Janusek—Fringe Benefits? Analysis of Microterracing in the Icla Valley, Eastern Bolivia
**[51] GENERAL SESSION: UNDERSTANDING ROCK ART: METHODS, CONTEXTS, AND HISTORIES**

*Room:* 317A (HCC)  
*Time:* 1:00 PM - 2:45 PM  
*Chair:* Ramon Valcarce

**Participants:**
1:00 Ramon Valcarce and Carlos Rodriguez-Rellan—Being There: Some Remarks on the Location Patterns of NW Spain Prehistoric Rock Art
1:15 Winston Hurst, Steven J. Manning, Jay Willian, and Benjamin A. Bellorado—Ghost Images of What? Depatinated Ovoids and Ritual Plant Processing in the Ancient Puebloan Southwest
1:30 Brandi Lee MacDonald, Martin Cooper, Fiona McNeill, and Joanne O'Meara—Elemental Characterization of Pigments Used in Pictographs across the Lower Canadian Shield, Canada
1:45 Jamie Hampson—Historiography and Rock Art in West Texas and Beyond
2:00 Meg Travers—To Gwion or Not to Gwion: Transitions in the Kimberley Rock Art Sequence of Northwest Australia
2:15 Lauren Lippiello—Spatial Distribution of Upper Egyptian Rock Art as Indicator of Marginal Landscapes, 4th millennium B.C.E.
2:30 Jessica Einhorn—A Re-interpretation of Rock Art in California through a Look at Traditional Californian Basket Imagery

**[52] FORUM: CONVERSATIONS: TIME, MEMORY, AND EXPERIENCE**

*Room:* 306B (HCC)  
*Time:* 1:00 PM - 3:00 PM  
*Moderator:* Uzma Rizvi and Stephen Silliman

**Participants:**
Sonya Atalay—Discussant  
Peter Biehl—Discussant  
Jonathan Walz—Discussant  
Ann Stahl—Discussant  
Severin Fowles—Discussant  
Stephen Silliman—Discussant  
Uzma Rizvi—Discussant

**[53] FORUM: BEYOND THE DATA: SIGNIFICANCE UNDER THE NATIONAL REGISTER OF HISTORIC PLACES**

*Room:* 303B (HCC)  
*Time:* 1:00 PM - 3:00 PM  
*Moderator:* Trevor Pratt

**Participants:**
Jan Biella—Discussant  
Catherine Dickson—Discussant  
Theresa Donham—Discussant  
Benjamin Keola Lindsey—Discussant

**[54] GENERAL SESSION: EASTERN U.S. ARCHAEOLOGY**

*Room:* 317B (HCC)
Thursday Afternoon, April 4

Time: 1:00 PM - 3:15 PM
Chair: Stefan Brannan

Participants:
1:00 Stefan Brannan—The Occupational History of Singer-Moye, the Second Largest Mississippian Period Site You’ve Never Heard of
1:15 Christina Friberg—The Politics of Identity and Ideology during the Woodland to Mississippian Transition in the Central Illinois River Valley
1:30 Lydia Carmody—Comparative Early Mississippian Subsistence in the Central Mississippi Valley
1:45 Juliet Morrow, Patti Wright, Robert Taylor, and Robert Scott—Mississippian Occupations of the Western Lowlands of Arkansas, circa A.D. 800-1300
2:00 Steven Howard—Middle Woodland in the Upper Allegheny Valley
2:15 Edmond Boudreaux and Kandace Holtenbach—Feasting and Early Platform Mound Construction on the Gulf Coast of Mississippi
2:30 Peter Geraci—Woodland Adaptations to Upland Settings in Northeastern Illinois: New Data from the Kautz Site (11DU1)
2:45 Neill Wallis and Meggan Blessing—Depositing a Suwannee Valley Feast: Feature 1 at Parnell Mound
3:00 Michael Deal—The Boswell Site and Pre-Contact Archaeology on the Annapolis River, Nova Scotia.

[55] Symposium: Performing Death: Archaeologies of Funerary Drama in Early Medieval Europe
Room: 318A (HCC)
Time: 1:00 PM - 3:30 PM
Chairs: Neil Price and Andrew Reynolds

Participants:
1:00 Andrew Reynolds—Funerary Drama in the Early Middle Ages
1:15 Neil Price—Nine Paces from Hel: Time and Motion in Old Norse Funerary Drama
1:30 Duncan Sayer—More Than a Mother: Witnessing Multi-scaled Funeral Dramas in Early Anglo-Saxon England
1:45 Frands Herschend—Roland of Ellekilde
2:00 Leszek Gardela—"Deviant Burials" of the Viking Age: A Critical Perspective
2:15 John Ljungkvist—Gamla Uppsala: The Funerary Landscape of a Mythical Center in Sweden
2:30 Celia Orsini—Recycled Traditions and Innovations in Northeast Britain
2:45 Miriam Mayburd—Landscapes of Death and Otherness: Icelandic Terrain and Medieval Attitudes about the Dead
3:00 Clifford Sofield—"Funerals" for Buildings in Anglo-Saxon England
3:15 Q&A

Room: 311 (HCC)
Time: 1:00 PM - 3:30 PM
Chair: Eric Rupley

Participants:
1:00 Richard Redding—Meat for the Builders: The animal Production System That Supported Pyramid Construction at Giza
1:15 Jennifer Gates-Foster—Think Local, Buy Local: Pottery Supply and Consumption in the Ptolemaic Eastern Desert, Egypt
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<tr>
<th>Time</th>
<th>Participants</th>
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<tr>
<td>1:30</td>
<td>Geoff Emberling—Altered States: Settlement Networks in the Kingdom of Kush</td>
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<td>1:45</td>
<td>William Griffin—A few Interesting Results from the Matitanana Archaeological</td>
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<td>Project, Southeastern Madagascar</td>
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<td>2:00</td>
<td>Zoë Crossland—Fieldwork in the Efitra of Madagascar’s Midwest: Preliminary</td>
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<td>Results</td>
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<td>2:15</td>
<td>Alice Yao—HTW and Phenomenology</td>
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<td>2:30</td>
<td>Min Li—Political Experimentation, State Formation, and the Emergence of</td>
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<td>Central Plains</td>
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<td>2:45</td>
<td>Charles Spencer and Elsa Redmond—Investigating the Emergence of Internally-</td>
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<td>Specialized Governance at El Palenque, a Late Formative Site near San Martin</td>
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<td>Ticajete, Oaxaca</td>
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<td>3:00</td>
<td>Joshua Wright—An Island, Survey, Trees, and Pastoralists…</td>
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<td>3:15</td>
<td>Q&amp;A</td>
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**[57] GENERAL SESSION ■ PRECOLUMBIAN MORTUARY AND RITUAL PRACTICES**

*Room: 323B (HCC)*  
*Time: 1:00 PM - 3:30 PM*  
*Chair: Andrew Wyatt*

**Participants:**

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<th>Time</th>
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<tr>
<td>1:00</td>
<td>Stacy Drake—Considering Burials as Units of Materiality</td>
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<td>1:15</td>
<td>Emily Sharp and Rebecca Bria—Defining Recuay Lifestyles and Mortuary</td>
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<td>Practices through the Bioarchaeological Study of Recuay Tombs in the North-</td>
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<td>Central Peruvian Highlands</td>
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<td>1:30</td>
<td>Andrew Wyatt and Joan C. Crenshaw—“Our Dead are Never Dead to us…”:</td>
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<td>Southern Maya Lowland Chultunes as Burial Chambers</td>
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<td>1:45</td>
<td>Elisa Mandell—Beyond Death: An Analysis of Secondary Burial Practices in</td>
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<td>Costa Rica</td>
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<td>2:00</td>
<td>Katie Zejdlik—Modern Medical Literature and the Lived Experience of a Trophy</td>
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<td>Juan Manuel Palomo—Mortuary Treatments at the Ancient Maya Center of</td>
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<td>Ceibal, Guatemala</td>
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<td>2:30</td>
<td>Ellen Bell—Layers of Meaning: Multi-Level Caches and Offerings at Copan,</td>
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<td>Honduras</td>
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<td>2:45</td>
<td>Kenichiro Tsukamoto and Jessica I. Cerezo-Román—A Body of Lakam Officials:</td>
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<td>The Study of Burial 1 at the Guzmán Group of El Palmar, Campeche, Mexico</td>
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<td>3:00</td>
<td>Heather Backo and John Verano—The New Temple and Temporal Continuity in</td>
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<td>Human Sacrifice at the Site of Moche, Peru</td>
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<td>3:15</td>
<td>Leslie Cecil—Souls of the Ancestors: Postclassic Maya Incensarios and Mana</td>
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**[58] GENERAL SESSION ■ ENVIRONMENTAL ARCHAEOLOGY**

*Room: 301A (HCC)*  
*Time: 1:00 PM - 3:30 PM*  
*Chair: John Hicks*

**Participants:**

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<th>Time</th>
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<tr>
<td>1:00</td>
<td>Philip Hitchings and EB Banning—Bayesian Archaeological Survey in Wadi</td>
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<td>Quseiba, Jordan: An Iterative Predictive Model</td>
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<td>1:15</td>
<td>Megan Parker and Terry Powis—Understanding Environmental Changes</td>
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<td>1:30</td>
<td>William Carleton and Mark Collard—Debating Drought Cycles and Their</td>
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<td>Influence on Maya Society</td>
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<td>1:45</td>
<td>Ryan Byerly—Late Holocene Drought and Mojave Desert Archaeology:</td>
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<td>Perspectives from Twenty-Nine Palms and Johnson Valley, California</td>
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</tbody>
</table>
### Symposium Making Value, Making Meaning: Techné in Pre-Columbian Mesoamerica and Andean South America

**Room:** 323A (HCC)  
**Time:** 1:00 PM - 3:45 PM  
**Chair:** Cathy Costin

**Participants:**

1:00  
Cathy Costin—Discussant

1:15  
Jerry Moore and Carolina Vilchez—Techné and the Thorny Oyster: Spondylus Craft Production and the Inca Empire at Taller Conchales, Huaca Cabeza de Vaca, Tumbes, Peru

1:30  
Blanca Maldonado—New World Metallurgy: A Comparative Study of Copper Production in the South Central Andes and West Mexico

1:45  
John Janusek and Patrick Ryan Williams—Tectonic Techné in the Production of Tiwanaku Monumentality

2:00  
Lisa DeLeonardis—Encoded Color, Encoded Value in Paracas Post-Fired Painted Ceramics

2:15  
Michael Callaghan—Discussant

2:30  
Carlos Rengifo—Shaping Local and Regional Identities: The Artisans of the Moche Period, Peru

2:45  
Christina Halperin—Textile Techné: Regionalism and Shared Techniques in Classic Maya Cloth Production

3:00  
Cathy Costin—Weaving Identities Deep and Broad

3:15  
Joanne Pillsbury—Discussant

3:30  
Q&A

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### Symposium Toward a New Synthesis of Amazonian Archaeology

**Room:** 318B (HCC)  
**Time:** 1:00 PM - 4:00 PM  
**Chairs:** Anna Browne Ribeiro and Eduardo Machicado

**Participants:**

1:00  
Eduardo Machicado and Anna Browne Ribeiro—The Many Faces of Amazonia: Re-conceptualizing Scale, Dimensions, and Cultural Boundaries

1:15  
Cristiana Barreto—Beyond Pots and Pans: Ceramic Style and Iconography in Pre-Colonial Amazonia

1:30  
Tiago Hermenegildo, Prümers Heiko, and O'Connell Tamsin—A Stable Isotope Approach to Prehistoric Resource Management and Dietary Patterns in the Amazon

1:45  
Maria Bruno—The Place of Maize and Manioc in Prehistoric Agricultural Intensification in the Amazon Basin: An Archaeobotanical Perspective
2:00  Joshua Toney and Michael Heckenberger—Scales of Production in the Upper Xingu
2:15  Juliana Machado—Places of People: Women, Plants, and Exchange Networks on the Amazon Delta
2:30  Morgan Schmidt and Joshua Toney—Dark Earths and the Human-Built Landscape in Amazonia: The Social Implications of Anthrosol Formation
2:45  Stéphan Rostain—“Under the volcano”: Archaeology in the Sangay Site, Ecuadorian Amazonia
3:00  Marcia Bezerra—Connecting Dots: The Construction of “Amazonian Archaeology” in the Curricula of Graduate and Undergraduate Courses in Amazon
3:15  Colin McEwan—Discussant
3:30  Eduardo Neves—Discussant
3:45  Q&A

[61]  SYMPOSIUM RITUAL AND ARCHAIC STATES
Room: 306A (HCC)
Time: 1:00 PM - 4:15 PM
Chair: Joanne Murphy
Participants:
1:00  Joanne Murphy—Same, Same, but Different: Ritual in the Archaic States of Pylos and Mycenae
1:15  Ann-Louise Schallin—Rituals and Ceremonies at the Mycenaean Cemetery at Dendra
1:30  Wendy Ashmore—State and Popular Ritual at Maya Quiriguá, Guatemala
1:45  Molly Fierer-Donaldson—Funerary Ritual and the Identification of “Royal” Burials among the Classic Maya: A View From Copan, Honduras
2:00  William Isbell—Identifying and Understanding Ritual in Wari Cities: A Case Study from Conchopata, Peru
2:15  Patrick Williams and Donna Nash—Ritual Practice and Wari State Expansion
2:30  Giancarlo Marcone—Feasting and Burials in Local Communities at the Onset of the Andean Middle Horizon
2:45  Jessica Christie—Rituals of Keeping and Controlling Time: The Cases of Chankillo and the Inka
3:00  Thomas Huffman—Ritual Space in the Zimbabwe Culture
3:15  Adria LaViolette—The Archaeology of Swahili Ritual Practice at Chwaka, Pemba Island, Tanzania
3:30  David Small—Problems with Interpreting Ritual as Either Corporate or Networking in the Archaic State
3:45  Alexei Vranich—Discussant
4:00  Q&A

[62]  SYMPOSIUM IMPROVING XRF METHODS FOR THE GEOCHEMICAL CHARACTERIZATION OF ARCHAEOLOGICAL MATERIALS: PRECISION, ACCURACY, LIMITS OF DETECTION (Sponsored by Society for Archaeological Sciences)
Room: 319B (HCC)
Time: 1:00 PM - 4:15 PM
Chair: Adrian Burke
Participants:
1:00  Gilles Gauthier and Adrian L. Burke—Adapting XRF Protocols for the Geochemical Characterization of Archaeological Materials
1:15 Melissa Goodman-Elgar, Nichole Bettencourt, and Richard Conrey—Prospects for Field Determination of Elemental Composition by pXRF on Anthropogenic Sedi
ments
1:30 Gregory Lattanzi and Matthew Boulanger—pXRF Analysis of Middle Woodland Mica Artifacts from the Abbott Farm National Historic Landmark
1:45 Robert Tykot—Using pXRF for Obsidian Sourcing in the Western Mediterranean: Any Disadvantages or Limitations?
2:00 Marie Orange, Tristan Carter, and François-Xavier Le Bourdonnec—Studying Near-East Obsidian from Neolithic Syria: A Joint Analysis by SEM-EDS and EDXRF
2:15 Maria Codlin and Mark D. McCoy—Geochemical Sourcing and Inter-island Movement of Volcanic Glass in the Hawaiian Islands
2:30 Steven Lundblad, Peter Mills, and Jennifer Kahn—Determining the Extent of Intra- and Inter-archipelago Exchange in the Hawaiian Islands Using Non-destructive EDXRF
2:45 Yoshimitsu Suda—Application of Internal Standard Methods to Non-destructive Analysis of Archaeological Obsidian Artifact by Wave Length-Dispersive X-Ray Fluorescence Spectrometry
3:00 Peter Sheppard and Andrew McAlister—Correction for Matrix Effects in PXRF
3:15 Steven Brandt, Lucas Martindale Johnson, and Arlen Chase—A Comparative Study of Multiple Bruker Tracer III Calibrated Instruments Using Identical Analytical and Operational Procedures: Implications for Past, Present, and Future Obsidian Studies
3:30 Ellery Frahm—Place, Practice, and pXRF: Merging Archaeological Fieldwork and Labwork
3:45 Steven Shackley—Discussant
4:00 Q&A

[63] SYMPOSIUM: TEOTIHUACAN AND EARLY CLASSIC MESOAMERICA: MULTI-SCALAR PERSPECTIVES ON POWER, IDENTITY, AND INTERREGIONAL RELATIONS
Room: 315 (HCC)
Time: 1:00 PM - 4:30 PM
Chairs: Claudia Garcia-Des Lauriers and Tatsuya Murakami
Participants:
1:00 Shigeru Kabata, Tatsuya Murakami, Julieta Lopez, and Juan Chavez—Interregional Interaction before the Rise of the Teotihuacan State: Preliminary Results of the Proyecto Arqueologico Tlalancaleca, Puebla
1:15 Tatsuya Murakami—State Administration and Political Dynamics at Teotihuacan: Early Classic Interaction Viewed from the Core
1:30 Sarah Clayton—Society beyond the City: Rural Life in the Teotihuacan-Period Basin of Mexico
1:45 Patricia Plunket and Gabriela Urufuela—The Cholula-Teotihuacan Relation Revisited
2:00 Juan Carlos Saint-Charles Zetina, Fiorella Fenoglio, and Carlos Viramontes—El Rosario: un asentamiento teotihuacano en San Juan del Río, Querétaro
2:15 Agapi Filini—Teotihuacan and West Mexico: Ritual Exchange and Systemic Interdependence
2:30 Michelle Butler, Arthur Joyce, Jeffrey Brzezinski, and Kathleen Paul—Teotihuacan and Oaxaca: Social Transformations at the Scale of the Local Community and the Polity
2:45 David Freidel, Olivia Navarro Farr, and Michelle Rich—Evidence for Teotihuacan-Maya Interaction at El Perú-Waka
3:00 Karl Taube—The People of Corn: The Ancient Maya and Maize Deities of Early
Classic Teotihuacan
3:15 Claudia Garcia-Des Lauriers—Teotihuacan and Los Horcones: Reconstructing Interaction Networks in Southeastern Mesoamerican during the Early Classic
3:30 Yoko Sugira, César Villalobos, M. Carmen Pérez, and Elizabeth Zepeda—Identity, Material Culture, and Teotihuacan Hegemony in Toluca Valley
3:45 Barbara Stark—Discussant
4:00 Kenneth Hirth—Discussant
4:15 Q&A

[64] SYMPOSIUM ■ FIFTY YEARS AGO: THE LEGACY OF THE GRASSHOPPER RESEARCH PROJECT IN CURRENT ARCHAEOLOGICAL PRACTICE
Room: 316A (HCC)
Time: 1:00 PM - 5:00 PM
Chairs: Charles Riggs and Kelly Jenks
Participants:
1:00 Charles Riggs—Opening Remarks: The View from the Back of the Line
1:15 Geoffrey Clark—Thanks for the Memories: How Grasshopper Shaped my Career
1:30 P. Bion Griffin—Grasshopper and Longacre: Debts in Building a Career in Hawaii
1:45 David Doyel—Grasshopper and After in the Southwest United States
2:00 Richard Ciolek-Torello—Home Is Where the Hearth Is: Household and Domestic Organization at Grasshopper
2:15 Alan Sullivan—The Archaeological Study of the Archaeological Record
2:30 Michael Graves—The Role of Advanced Field Training in Archaeology: Innovation, Application, and Research Outcomes
2:45 Stephanie Whittlesey—The Legacy of Behavioral Archaeology at Grasshopper
3:00 William Fash—Reflections on the Grasshopper Legacy in Ancient Maya Archaeology
3:30 Barbara Montgomery, Daniela Triadan, and Nieves Zedeno—The Incidental Journeys of Three Pottery Queens
3:45 Izumi Shimada—Lessons Learned from Working with Local Apache Youth
4:00 Mark Altaha, John R. Welch, and Nicholas Laluk—The Last People to Abandon Grasshopper: University of Arizona Field School Influences on White Mountain Apache Tribal Programs
4:15 William Longacre—Discussant
4:30 Jefferson Reid—Discussant
4:45 Q&A

[65] SYMPOSIUM ■ LIVING ABANDONMENT: THE SOCIAL PROCESS OF DETACHMENT FROM PLACE
Room: 323C (HCC)
Time: 1:00 PM - 5:00 PM
Chair: Maxime Lamoureux St-Hilaire
Participants:
1:00 Patricia McAnany and Maxime Lamoureux St-Hilaire—Detaching from Place in Theory
1:15 Will Russell and Margaret Nelson—People of Stone and Mud: Special Construction, Ritual Retirement, and Inanimate Personhood in the Mimbres Region
1:30 Donna Glowacki and Fumiyasu Arakawa—Living and Leaving in Thirteenth-
Century Mesa Verde

1:45 Kenneth Sassaman and Asa R. Randall—Abandonment as Historical Practice: Futures Past in Ancient Florida

2:00 Jennifer Birch and Ronald F. Williamson—Navigating Ancestral Landscapes in the Northern Iroquoian World

2:15 Maxime Lamoureux St-Hilaire, Gyles Iannone, and Andrew Snetsinger—Living among Ruins: The Use and Perception of Abandoned Architecture at Minanha, Belize

2:30 Olivia Navarro-Farr, Griselda Perez, Damaris Menendez, Francisco Castaneda, and Juan Carlos Perez—Staying Power: Ritual Dynamics of Pre-Abandonment Political and Symbolic Agency at Classic Maya El Perú-Waka’

2:45 Evan Parker, Stephanie Simms, and George Bey III—Over the Hills and Far Away: Maya Abandonment Strategy at Escalera al Cielo, Yucatán, México

3:00 Maggie Morgan-Smith—Placing Abandonment: Investigating the Process of Detachment from Rancho Kiuic, Yucatán, México

3:15 Joel Patka—Death and Lacandon Maya Settlement Abandonment

3:30 Jason Nesbitt—After They’ve Gone: The Reinterpretation of Abandoned Initial and Early Horizon Monuments in the Moche Valley Peru

3:45 Lisa Kealhofer, Peter Grave, and Ben Marsh—Empires and Dark Ages: Perspectives on the Hittite-EIA transition in Anatolia

4:00 Anne Underhill—Processes of Site Abandonment in Ancient China: Some Proposed New Directions for Research

4:15 Catherine Cameron—Discussant

4:30 Ian Hodder—Discussant

4:45 Q&A

**Symposium: New Developments in Chinese Archaeology**

**Room:** 324 (HCC)

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

**Chair:** Tianlong Jiao

**Participants:**

1:00 Robert Bettinger, Christopher Morgan, Loukas Barton, and Mingjie Yi—Hunter-Gather Mobility and the Development of Millet Agriculture in North-Central China

1:15 Li Liu, Xingcan Chen, and Guoxiang Liu—Functional Analysis of Grinding Stone Tools from Early Neolithic Settlements in Northeast China

1:30 Xiangming Dai—A Comparative Perspective of the Beginning of Early States in Central China

1:45 Adam Lauer, Tianlong Jiao, and Guoping Sun—Biological Relationships of Neolithic Southeast China

2:00 Fen Wang and Shiling Yuan—Reconstructing the Food Structure of Ancient Coastal Inhabitants from Beiqian Village: Stable Isotopic Analysis of Fossil Human Bone


2:30 Qiang Wang and Kamijyou Okamoto—Grinding Stone Tools and Subsistence Pattern in Neolithic Shandong Coast: A Case Study of the Beijian Site

2:45 Sheahan Bestel and Tianlong Jiao—Archaeobotany of Proto-Austronesian Sites

3:00 Guiyun Jin, Fu-Qiang Wang, Yu-Hai Lin, and Wen-Bo Zhang—New Evidence on Neolithic Rice Exploitation in Northern China

3:15 Jade D’Alpoim Guedes—Adaptation and Invention during the Spread of Agriculture to Southwest China

3:30 Feng Li—Reconstructing a Frontier Culture: Ceramic Analysis in the Guicheng Project
3:45 Zhipeng Li, Roderick Campbell, Yuling He, and Guoliang Cheng—Transformations of Industry during the Early Bronze Age in Ancient China: Bone Working at Erlitou and Anyang

4:00 Tristram Kidder and Yijie Zhuang—Environment and the Anthropocene in Ancient China

4:15 Tianlong Jiao, Xuechun Fan, Xiaohong Wu, and Kuangli Li—Interregional Interactions and Maritime Adaptations in Early Bronze Age Southeast China

4:30 Martin Jones—A trans-Eurasian Exchange of Prehistoric Crops

4:45 Ofer Bar-Yosef—Discussant

[67] SYMPOSIUM ▲ HOPI ARCHAEOLOGY, HISTORY, AND HERITAGE: PAPERS IN HONOR OF LEIGH J. KUWANWISIWMA
Room: 316C (HCC)
Time: 1:30 PM - 5:00 PM
Chair: T. J. Ferguson
Participants:
1:30 Chip Colwell-Chanthaphonh and Stewart Koyiyumptewa—The Hopi Model of Cultural Preservation
1:45 Michael Yeatts—Maintaining Hopi Stewardship of the Grand Canyon
2:00 Maren Hopkins, Saul L. Hedquist, Stewart B. Koyiyumptewa, Lee Wayne Lomayestewa, and T. J. Ferguson—Tungwiniwpi nit Wukwlavayi (Named Places and Oral Traditions): Multi-Vocal Approaches to Hopi Land
2:15 Wesley Bernadini—Visual Prominence and the Stability of Cultural Landscapes
2:30 Charles Adams—The Homol'ovi Research Program: Enriching Hopi History through Collaboration
2:45 Patrick Lyons—The Davis Ranch Site: Archaeological Evidence of Kayenta Immigrants in Southeastern Arizona
3:00 Kelley Hays-Gilpin and Dennis Gilpin—Becoming Hopi: Exploring Hopi Ethnogenesis through Architecture, Pottery, and Cultural Knowledge
3:15 Laurie Webster—Pathways to Hopi: Cultural Affiliation and the Archaeological Textile Record
3:30 Shirley Powell and Mark Varien—Establishing the Genetic Distinctiveness of Hopi Corn: A Collaboration between the Hopi Cultural Preservation Office and the Crow Canyon Archaeological Center
3:45 George Gumerman and Joelle Clark—Hopi Footprints: Guided along the Path of Cultural Preservation by Leigh Kuwanwisiwma
4:00 Thomas Sheridan—Coronado and the Moquis: Hopi Oral Traditions and the Tyranny of the Written Record in 20th Century Southwestern Anthropology
4:15 Gregson Schachner—Forging New Intellectual Genealogies in Southwest Archaeology
4:30 Peter Whiteley—The Native Shaping of Anthropological Inquiry
4:45 Leigh Kuwanwisiwma—Discussant

[68] POSTER SESSION ▲ ADVANCES IN ZOOARCHAEOLOGICAL METHOD: GLOBAL CASE STUDIES
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 2:00 PM - 4:00 PM
Participants:
68-a Anthony Hofkamp and Virginia Butler—Using X-Rays, Surface Images, Thin sections, and ICP-MS to Validate Incremental Growth Ring Analysis for Age Determination of Chinook Salmon (Oncorhynchus tshawytscha)
68-b Matthew Harris and Patrick Faulkner—Tools or Tucker? Developing Methods for
Identifying Utilized Polymesoda (Geloina) Coaxans Shell Valves

Jamie Clark—Bone Fragmentation at Sibudu Cave: Evaluating the Relative Utility of Small Fraction (<2 cm) Non-identifiable Bone

Kurt Gron, Søren Andersen, and Harry Robson—Isotopic Evidence of Environmental, Subsistence, and Cultural Changes across the Mesolithic-Neolithic Transition at Havnø, a Danish “Kekkenmødding”

Emily Zavodny, Brendan J. Culleton, Sarah B. McClure, and Douglas J. Kennett—Stable Isotope Analyses of Domesticated Animal Bone and Teeth in Croatian Archaeology

Marjolein Bosch, Laura Niven, John de Vos and Jean- Jacques Hublin—New data on Middle Palaeolithic subsistence behaviour at Ksâr’ Akil (Lebanon).

Xin Zhao, Antonia T Rodrigues, Dawei Cai, Jing Yuan, and Dongya Yang—Ancient DNA Analysis of Domesticated Horses from Ancient China

Ximena Lemoine and Katelyn Bishop—A Novel Method for Aging Prehistoric Pigs (Sus acrofa): Synthesizing Tooth Eruption and Attrition

Sharyn Jones—Amelia Earhart’s Last Meal? A Review of Zooarchaeological Evidence from a Castaway Camp on Nikumaroro

Karen Greig—Kuri: The dogs of New Zealand Aotearoa

François Lanoë, Stéphane Péan, and Alexandr Yanevich—Subsistence in Crimea during the Younger Dryas, a Case Study: Buran-Kaya III Rock Shelter

Tiina Manne—Indirect Evidence of Small-Scale Storage at Vale Boi, an Upper Paleolithic Site in Southwestern Iberia

Amanda Tang and Jocelyn Knauf—Meals of Modernity: Engaging with Domesticity in Annapolis, Maryland, during the Progressive Era

Petra Cunningham-Smith, Arlen F. Chase, and Diane Z. Chase—Fish from Afar: Marine Resource Use at Caracol, Belize

Lisa Duffy, Diane Z. Chase, and Arlen F. Chase—Maize and Stone: A Functional Analysis of the Manos and Metates of Santa Rita Corozal, Belize

Jean Berkebile—Investigating Subsistence Diversity in the Upper Basin: New Archaeobotanical Analysis at MU 125

Catherine Cooper, Colin Smith, Karen Lupo, R. G. Matson, and Michael Richards—Short-Term Diet Change at Turkey Pen Ruins: Examining Stable Isotope Patterns in Archaeological Hair

Anthony Graesch and Tianna DiMare—Fire-Affected Rock: Advances in Household and Experimental Archaeological Approaches to the Study of Indirect Cooking and Foodways
**[70]** **POSTER SESSION ARCHAEOBOTANY**  
Room: Kamehamehua Exhibit Hall III Foyer (HCC)  
Time: 2:00 PM - 4:00 PM  
Participants:
- 70-a Dana Bardolph, Brian Billman, and Jesús Briceño—Gallinazo Phase Foodways in the Moche Valley of North Coastal Peru: New Research Directions and Paleobotanical Evidence  
- 70-b Carmela Alarcon and Matthew Piscitelli—Botanical Analysis of Plant Remains from Ceremonial Architecture at the Late Archaic Site of Huaricanga in the Fortaleza Valley of Peru  
- 70-c Cynthia Zutter and Amy Reedman—Northern Labrador Archaeobotany: Views from Black Island  
- 70-d Minkoo Kim and Jungjae Park—Ancient Land-Use Dynamics in the Yeongsan River Basin, Korea: An Integrated Archaeobotanical Approach on Pollen, Seed, and Wood  
- 70-e Patrick Rennaker and Patrick McCutcheon—Macro-Botanical Recovery Rates Using Flotation of Sediments from the Sunrise Ridge Borrow Pit Site  
- 70-f Lauren Willis, Leslie Reeder-Myers, Jon Erlandson, Torben Rick, and Jack Watts—Edible Native Plants on the Northern Channel Islands, California  

**[71]** **POSTER SESSION ANCIENT DNA AND ZOOARCHAEOLOGY**  
Room: Kamehamehua Exhibit Hall III Foyer (HCC)  
Chair: Christyann Darwent  
Participants:
- 71-a Mitya Vasyukov and Sarah Brown—Dogs (*Canis lupus familiaris*) from Ancient Settlements of the Northeastern Coast of the Chukchi Peninsula, Russia  
- 71-b Shannon Green, Sarah Brown, Christyann Darwent, Jelmer Eerkens, and Ben Sacks—A Dog’s Tale: Understanding the Role of Dogs in the Kotzebue Sound Region of Alaska through Ancient DNA and Stable Isotopes  
- 71-c Christyann Darwent, Sarah Brown, Jeremy Foin, Adam Freeburg, and John Darwent—Using Ancient DNA to Understand the Role of Baleen Whales to the Development of Archaeological Cultures in Outer Kotzebue Sound, Alaska  
- 71-d Ursula Arndt, Olaf Nehlich, Alan McMillan, Michael Richards, and Dongya Yang—Using Ancient DNA and Stable Isotopes on Archaeological Cetacean Samples to Investigate Target Species in Pre-industrial Whaling in Barley Sound  
- 71-e Melissa Roth, Dana Lepofsky, Aubrey Cannon, Camilla Speller, and Dongya Yang—Using Ancient mtDNA to Chart Genetic Changes of Pacific Herring Populations off the Coast of Central British Columbia  
- 71-f Antonia Rodrigues, Iain McKechnie, and Dongya Yang—Ancient DNA Analysis of Archaeological Rockfish (*Sebastes* spp.) on the Northwest Coast of North America: Species Preferences and Implications for Marine-Protected Area Management  
- 71-g R Beck, Jack M. Broughton, Joan B. Coltrain, Dennis H. O’Rourke, and Alan R. Rogers—Ancient DNA Analysis Confirms a Late Holocene Population Bottleneck in California Tule Elk (*Cervus elaphus nannodes*)  
- 71-h Kathleen Judd, Connor Corday, Erin Reams, Rebecca Higgens, and Brian Kemp—Documenting Domestic Lineages in the American Southwest: Turkeys (*Meleagris gallopavo*) and Dogs (*Canis lupus*)  

**[72]** **SYMPOSIUM ARCHAEOLOGY, CULTURAL HERITAGE, AND THE THIRD AGE:**
EXPLORING NEW CHALLENGES AND OPPORTUNITIES
Room: 301B (HCC)
Time: 2:15 PM - 4:45 PM
Chairs: Cornelius Holtorf, Elizabeth Chilton, and Peter Aronsson

Participants:
2:15 Cornelius Holtorf—Introduction: Archaeology, Cultural Heritage and the Third Age
2:30 Anders Högbberg—Meeting an Elderly Audience through Community Archaeology within CRM
2:45 Christen Erlingsson—Archeology and Nursing: Strange Bedfellows with a Common Aim
3:00 Francis McManamon—Goals of a Passing Generation – Saving and Sharing Archaeologists’ Legacies
3:15 Q&A
3:30 Laia Colomer—Cultural Heritage and Silent Homesickness of Retiring Refugees
3:45 Anna Hansen and Henrik Zipsane—The elderly as a Developing Market for Cultural Heritage Sites
4:00 Christine Szuter—The Digital Third Age: Engagement of the Third Age Generation in Cultural and Heritage Education, Research, Interpretation, and Philanthropy
4:15 Peter Aronsson—Representing Age in the National Museum
4:30 Peter Aronsson—Discussant

SYMPOSIUM HISTORICAL ARCHAEOLOGY IN THE PACIFIC: IN AND OF A SEA OF ISLANDS
Room: 312 (HCC)
Time: 2:30 PM - 5:00 PM
Chairs: Carolyn White and Benjamin Barna

Participants:
2:30 Benjamin Barna—Investigating Pili at Laumā`a: A Hawaiian Metaphor for Cultural Hybridity among Nineteenth-Century Ranchworkers
2:45 Ashlee Younie and Kelly Edmiston—Personal Adornment of Hawaiian Cowboys: A Reflection of Occupation and Trade
3:00 Kelly Gleason and Jason Raupp—Lightning Strikes Twice: The Discovery and Identification of the Nantucket Whaleship Two Brothers at French Frigate Shoals in the Northwestern Hawaiian Islands
3:15 Angela Middleton—Mission Archaeology in the Pacific: From Matavai Bay to the Bay of Islands
3:30 Ian Smith—Schooling on the Missionary Frontier: The Hohi Mission Station, New Zealand
3:45 Lon Bulgrin—The Rosario House At Hagatna, Guam: 18th and 19th Century Commodity Availability and Consumer Choice
4:00 Carolyn White—The Paniolo Project in the Context of Cultural Heritage in Hawaii
4:15 Peter Mills—Discussant
4:30 Jennifer McKinnon—Community Archaeology Approaches in the Commonwealth of the Northern Mariana Islands (CNMI)
4:45 Conrad Goodwin—A Conversation about the Trajectory of Historical Archaeology in Hawaii, by Conrad “Mac” Goodwin

SYMPOSIUM CHILDREN AND CHILDHOOD IN THE PAST: EXPLORING BIOLOGICAL AND SOCIAL TRANSFORMATIONS OF CHILDREN IN ANTIQUITY THROUGH EMERGING BIOARCHAEOLOGICAL METHOD AND THEORY
Room: 314 (HCC)
Time: 2:45 PM - 5:00 PM
Chairs: Patrick Beauchesne and Sabrina Agarwal

Participants:
2:45 Jane Baxter—Discussant
3:00 Bonnie Glencross—Skeletal Trauma and a Phenomenological Approach to Developmental-Behavioral Age
3:15 James Gosman, David Raichlen, and Timothy Ryan—Human Transitions: Current Perspectives on Structural Change in Bone during Development
3:30 Sandra Wheeler, Tosha Dupras, and Lana Williams—The Largest Percent: Bioarchaeological Analysis of Children and Childhood from the Kellis 2 Cemetery, Dakhleh Oasis, Egypt
3:45 Melanie Miller and Christine Hastorf—What Else Can Teeth Tell Us? Investigating the Socialization of Children through Food Using Stable Isotope Analyses
4:00 Patrick Beauchesne and Sabrina Agarwal—Understanding Children in the Past through Life Course Perspectives
4:15 John Crandall, Jennifer Thompson, and Debra Martin—Bundled Bodies in the Chichimec Sea: Transformations of Tepehuan Children through Mortuary Ritual in Ancient North Mexico
4:30 Jennifer Marla Toyne—A Childhood of Violence: A Bioarchaeological Comparison of Large-Scale Mass Death Assemblages from Ancient Peru
4:45 Sian Halcrow—Discussant

Symposium: CURRENT RESEARCH AND FUTURE DIRECTIONS IN NUMIC ARCHAEOLOGY, ETHNOHISTORY, AND ETHNOGRAPHY IN THE ROCKY MOUNTAINS, GREAT BASIN, AND SOUTHWEST
Room: 316B (HCC)
Time: 2:45 PM - 5:00 PM
Chair: Robert Brunswig

Participants:
2:45 Robert Brunswig—Mountain Ute and Earliest Numic Colonization of the Southern Rocky Mountains: A New Perspective from the Sue Site, North Park, Colorado
3:00 David Hill and Deni Seymour—Issues for Dating Numic and Athapaskan Occupations in the Southwest
3:15 Andy Creekmore—Evaluating the Application of Multiple Archaeological Geophysics Methods to a Numic site in North Park, Colorado
3:30 Matthew Stirn—Considering High Altitudes within the Numic Spread
3:45 John Ives—The View from Promontory Point
4:00 Bryon Schroeder—The Village Spread: Ethnic Identity at the Edge of the Great Basin
4:15 Christine Montgomery, David Diggs, and Robert Brunswig—Reconstructing a Prehistoric Ute Sacred Landscape in the Southern Rocky Mountains
4:30 Sally McBeth—The Return of the Native: Northern Ute Removal from and Return to Colorado Ancestral Homelands
4:45 Gregory Campbell—Reclaiming the Land: Historical Memories, Cultural Landscapes, and Cultural Identity

Symposium: BEYOND BLOMBOS: ADAPTIVE DIVERSITY IN LATER PLEISTOCENE SOUTHERN AFRICA
Room: 305A (HCC)
Thursday Afternoon, April 4

Time: 3:00 PM - 5:00 PM

**Chairs:** Genevieve Dewar and Brian Stewart

**Participants:**

3:00 Jayne Wilkins—The Early MSA 500 ka: Evidence from Kathu Pan 1, South Africa in the Context of the African Archaeological Record


3:30 Brian Stewart, Genevieve Dewar, Mike Morley, and Adrian Parker—Aptitude at Altitude: Flexibility as “Modernity” in Later Pleistocene Highland Lesotho

3:45 Mike Morley—Later Pleistocene Palaeoenvironments of Lesotho: River System Responses to Climatic Change and Implications for the Viability of Valley Floor Environments as Cultural Landscapes

4:00 Genevieve Dewar and Brian Stewart—Right Place, Right Time: Desert Dwellers during the Last Glacial Maximum in South Africa

4:15 Ben Collins—A New Analysis of the Foraging Strategies during the Final Middle Stone Age at Sibudu Cave, South Africa

4:30 Jessica Thompson, Menno Welling, David Wright, Flora Schilt, and Susan Mentzer—The Later Pleistocene Archaeological Landscape of Karonga, Malawi

4:45 Sheila Nightingale, Alex Mackay, Jessica Thompson, Victor de Moor, and Elizabeth Gomani-Chindebvu—Variability in Middle Stone Age Stone Artifact Reduction Strategies and Raw Material Use in the Karonga District of Northern Malawi

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**Symposium Explanations of Behavior Using Archaeometric Techniques: Starting Assumptions and Theoretical Aspects of Hunter-Gatherer Research**

Room: 319A (HCC)

Time: 3:15 PM - 5:00 PM

Chair: Ian Fraser-Shapiro

**Participants:**


3:30 David Yesner—Understanding Hunter-Gatherer Behavior in Beringia: Applications of Zooarchaeological Research

3:45 Ben Shepard—Contrasting Approaches to Burials and Demography in the Study of Middle Holocene Hunter-Gatherers in Cis-Baikal, Russia

4:00 Nour Moussa, Karen Mooker, and Fiona Bamforth—A Comparison between Two Late Neolithic- Early Bronze Age Cemeteries Ust’-Ida and Kurma XI through the Analysis of mtDNA

4:15 Lindsey Friedman, Hirofumi Kato, Andrzej Weber, and Tamsin O’Connell—Dietary Complexity among Hunter-Gatherers in Prehistoric Japan

4:30 James Daniels and Jerry Schaefer—The Application of Ceramic Petrography and XRF Sourcing to the Interpretation of Prehistoric Aboriginal Pottery and Clay Sources in the Southern Mojave Desert

4:45 Ian Fraser-Shapiro—Tailor Made: A(n evolutionary) Theory of Mobility to Suit Hunter-Gatherer and Scientific Archaeology

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**General Session Sociality and Materiality in Preclassic Mesoamerica**

Room: 303A (HCC)

Time: 3:15 PM - 5:00 PM

Chair: Sarah Barber
Participants:
3:15  Sarah Barber, Arthur Joyce, and Jeffrey Brzezinski—Recent Excavations at the Rio Viejo Acropolis, Oaxaca, Mexico
3:30  William Ringle, Gabriel Tun Ayora, Mauricio Germon Roche, and Matt Morris—Preclassic to Classic in the Valle de Yaxhom
3:45  Timothy Pugh, Carlos Sánchez, Evelyn Chan, Miriam Salas, and Pablo Lizano—The Late Preclassic Occupation at Tayasal, Petén, Guatemala
4:00  Mary Jane Acuna—Bundling a Building: Art, Ideology, and Politics at El Achiotal, Petén, Guatemala, in the Late Preclassic Period (250 B.C.E.–250 C.E.)
4:15  Jessica MacLellan—Early Households and Domestic Rituals at Ceibal, Guatemala
4:30  Garth Norman—Izapa, Mexico to Nazca, Peru by Sea—15 Degrees North and South Latitude Sun Zenith Ancient Cultural Calendar Connection
4:45  Laura Levi, Antonia Figueroa and Sarah Wigley—The Temporality of Ritual

Participants:
3:15  Bridget Alex, Bridget Alex, Elisabetta Boaretto, and Daniel Master—Establishing Best Practice for Bone Collection and Storage at the Site of Ashkelon, Israel
3:30  Thomas Evans—Elongate Bone Orientation Caused by Fluvial Action: Bone Azimuths and Polarities Do Not Correlate with Flow Direction
3:45  Cecil Lewis and Raul Tito—Ancient Metagenomics
4:00  Hayley Mickleburgh—Teeth Tell Tales: Dental Anthropology of the Pre-Columbian Caribbean
4:15  Brian Leslie, Brian Leslie, Sandra Garvie-Lok, and Robert Creaser—Residential Mobility in the Rural Greek Past: A Strontium Isotope Investigation
4:30  Cara Monroe, Eric Lenci, Alan Leventhal, Rosemary Gambría, and Brian Kemp—Ancient Human DNA Analysis from CA-SCL-38 Burials: Correlating Biological Relationships, Mortuary Behavior, and Social Inequality
4:45  Karyn Olsen, Christine White, Fred Longstaffe, Kristin von Heyking, and George McGlynn—The Effects of Trauma and Infection on Intra-tissue Carbon and Nitrogen Isotopic Variability of Bone Collagen

Participants:
3:45  Matthew Walsh—Subsistence, Mobility, and Demographic Change at Rio Ibanez 6, Aysén Region, Patagonian Chile: A Preliminary Examination of Results from 2012/2013 Excavations
4:00  Mercedes Okumura and Astolfo Araujo—Morphometric Evolution of Early Holocene Bifacial Points in Southern Brazil (Garivaldino Rodrigues, Taquari, Rio Grande do Sul)
4:15  Jose Capriles and Steven Goldstein—Early Holocene Highland Hunter-Gatherers: Settlement Pattern, Subsistence, and Technological Organization from the Bolivian Andes
4:30  Dusan Boric, Emanuela Cristiani, Zvezdana Vusovic-Lucic, and Dusan
Mihailovic—Upper Palaeolithic Marmot Hunting in the Dinaric Alps: Late Glacial Recolonization of Montenegrin Mountains? 
4:45  Lisa Maher and Margaret Conkey—Homes for Hunters? Exploring Hut Structures at Hunter-Gatherer Sites in Upper Palaeolithic Europe and the Epipalaeolithic of Southwest Asia

General Session: Ethnohistory and Archaeology in the U.S. Southeast
Room: 318A (HCC)
Time: 3:45 PM - 5:00 PM
Chair: Nancy Garner

Participants:
3:45  Nancy Garner—Trade and Alliance: Change in Political Power at Apalachicola, a Lower Creek Town
4:00  Jessica Herlich—Shell Midden Archaeology and Paleoethnobotany: Historical Ecological Perspectives of the Tidewater Algonquian Landscape
4:15  Thomas Foster—Coalescence of the Protohistoric Muscogee Creek People as Revealed through Pottery Analysis
4:30  David Cranford—Household Variability in the Early Federal Period Catawba Nation
4:45  Ryan Hunter—Coastal Connections and Reservation Contexts: Eastern Pequot Use of Shells

Session Canceled

General Session: Greek Archaeology: Above and Below the Surface
Room: 317B (HCC)
Time: 4:00 PM - 5:00 PM
Chair: Zarko Tankosic

Participants:
4:00  Joe Boyce, Peter Dao, Despina Kouteoumba, Eduard Reinhardt, and Richard Rothaus—Coastal Reconstruction of Submerged Bronze Age Shorelines and Anchorage Sites at Kalamianos (Korphos, Greece)
4:15  Petra Vaiglova, Amy Bogaard, Armelle Gardeisen, and Rebecca Fraser—Agricultural Management in Neolithic Kouphovouno, Southern Greece: Results of Combining Stable Isotopes of Plants and Animals
4:30  Anna Stroulia and Laure Dubreuil—Design or Use? Discussion of a Peculiar Shape among Grinding Tools from Kremasti-Kilada, Northern Greece
4:45  Zarko Tankosic and Renate Storli—Landscape and Society: Preliminary Results of the 2012 Field Season of the Norwegian Archaeological Survey in the Karystia (Euboea, Greece)
Thursday Evening ■ April 04, 2013

[84] GENERAL SESSION ■ POLITICAL ECONOMY OF EAST AND SOUTHEAST ASIA
Room: 315 (HCC)
Time: 6:00 PM - 7:15 PM
Chair: Laura Junker

Participants:
6:00 Joss Whittaker—Trade Frontiers in the Aru Islands, Indonesia
6:15 Amy Jordan—Ethnic Identity or Economic Availability? The Analysis of Starch Grains at Colonial Plantations and Colonial Administration Sites in the Banda Islands, Maluku, Indonesia
6:45 Li Zhang—Ritual, Migrations, and State Formation in Early China: A Case Study of the Huadizui Site
7:00 Laura Junker, Alexandra De Leon, and Aaqib Adnan—Craft Production, Trade, and Socio-Political Complexity in the Philippine Metal Age

[85] POSTER SESSION ■ RECENT RESEARCH IN THE AMERICAN SOUTHWEST: LANDSCAPE, AGRICULTURE, AND FAMILY
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 6:00 PM - 8:00 PM

Participants:
85-a Sarah Griffith—Faunal Resource Use through Time at the Fornholt Site, Mule Creek, New Mexico
85-b Sally Cole—Solidifying Culture: Evidence of Post-200 B.C. San Juan Basketmaker II Coalescence at Falls Creek Shelters (SLP1434), Southwest Colorado
85-c Jeremy Kulisheck, Anastasia Steffen, and Connie Constan—Agricultural Intensification, Field Features, and Hypervisibility: A Case from the Jemez Mountains, New Mexico, U.S.A.
85-d Evangelia Tsesmeli—Along the River They Went: Mobility in the Middle Rio Grande Basin
85-e Richard Greene and Steve Baumann—The Unique Archeological Landscape of the El Malpais National Monument Lava Flows
85-f Emilio Santiago and Severin Fowles—The Evolution of Moieties in the Northern Rio Grande: New Evidence from the El Bosque Site
85-g David Unruh and Meaghan Trowbridge—Multicomponent Sites along the U.S. Highway 491 Corridor, from Twin Lakes to Sheep Springs: Basketmaker III through Pueblo III
85-h Jakob Sedig—Upper Gila Revelations: Recent Work at Woodrow Ruin
85-i Robin Cordero and Sean Dolan—Mimbres Seasonality, Site Occupation, and Organization in the Sapillo Valley
85-j Leslie Aragon—What's in a Name? Ontologies of Hohokam Figurines
85-k Edmund Gaines—The Formby Site: A Clovis Site in the Sonoran Desert of Southern Arizona
85-l Mark Chenault—The Building Blocks of Southwestern Villages
85-m Warren Lail and John McCray—Mycotoxins, Maize, and Site Abandonment in the American Southwest
[86] **POSTER SESSION ■ RECENT RESEARCH IN THE AMERICAN SOUTHWEST: NEW VIEWS ON MATERIAL CULTURE**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)

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

**Participants:**

- **86-a** Jessica Blanco—Further Analysis of San Marcos Subsurface Material: What Material Culture Can Tell Us About Demography and Social Complexity
- **86-b** Fumiyasu Arakawa, David Gonzales, and Alan Koenig—Methodology for Sourcing Sanidine Basalt (Trachyte) Tempered Materials in the American Southwest
- **86-c** Kari Schleher, Kevin Brown, and Jamie Gray—Experimentation in Pottery: A Preliminary Analysis of Basketmaker III Pottery Production in the Mesa Verde Region
- **86-d** Danielle Romero—Corrugated Vessels as Signature: Household Identity at the Harris Site, New Mexico
- **86-e** Sean Dolan and Kathryn Putsavage—Projectile Point Typologies, Obsidian Sources, and Social Transformation in the Mimbres Valley, New Mexico, A.D. 1000-1450

[87] **POSTER SESSION ■ ARCHAEOLOGY IN THE GREAT BASIN**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)

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

**Participants:**

- **87-a** Bonnie Pitblado, Molly Boeka Cannon, J. M. Adovasio, Megan Bloxham, and Joel C. Janetski—Reuniting the Four Decades-Lost Pilling Fremont Figurine with His Mates: Human Intrigue, Cutting-Edge Science, and Ethical Challenges
- **87-b** Daron Duke and Jaynie Hirschi—Haskett Technology in the Great Salt Lake Desert: A First Look at New Finds
- **87-c** Nicole Herzog and Ashley Grimes—Where Have All the Tubers Gone? An Experimental Approach to Identifying USO Exploitation in the Great Basin
- **87-d** John Kennedy and Paul Burnett—The Carter Site (48NA1425): Update of a Multicomponent Site in Central Wyoming
- **87-e** Victor Villagran, Tiffany Newman, Scotty Strachan, and Franco Biondi—SmOLDerig Coals: Dating Historic Charcoal Production in Lincoln County, Nevada
- **87-f** Amy Spurling, Mary Ann Vicari, Victor Villagran, and Lisbeth Louderback—Investigating Ancestral Pueblan and Numic Occupations in Coyote Springs Valley, Southeastern Nevada
- **87-g** Mary Ann Vicari—Investigating Bias in the Surface Visibility of Prehistoric Great Basin Sites

[88] **POSTER SESSION ■ ARCHAEOLOGY IN THE AMERICAN NORTHWEST COAST**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)

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

**Participants:**

- **88-a** Justin Hopt and Colin Grier—Subsistence and Resource Use at a Late Period Plankhouse Site at the Dionisio Point Locality (Site DgRv-006), Galiano Island BC
- **88-b** Annalisa Heppner and David Yesner—Osseous Tools from the Broken Mammoth Site (XBD-131)
- **88-c** Kate Shantry—Using Empirical Archaeological Data to Indirectly Construct a Growth Curve from Crustose Lichen Species in North-Central Washington
88-d Diana Ewing—Use of Baleen by Thule-Period Inhabitants of Cape Espenberg, Alaska
88-e Jenny Cohen—Paleoethnobotanical Evidence from Kilgii Gwaay, a 10,700 Wet Site on the Northwest Coast of North America
88-g Kate Yeske and Julie Esdale—Archaeology and Geomorphology of Interior Alaskan Rock Shelters

89] POSTER SESSION ■ LONG-TERM VULNERABILITY AND TRANSFORMATION IN THE SOUTHWESTERN UNITED STATES AND NORTHERN MEXICO
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 6:00 PM - 8:00 PM
Chair: Colleen Strawhacker

Participants:
89-a Rebecca Harkness and Will G. Russell—Quantity or Quality? Social Relations and Site Persistence in the Post-Classic Mimbres Region
89-b Sarah Klassen—Diversity and Resilience in Mimbres Mortuary Context
89-c Colleen Strawhacker, Ann Kinzig, Keith W. Kintigh, Katherine A. Spielmann, and Margaret C. Nelson—Modeling the Ecological Risk of Prehistoric Landscapes in the Southwestern United States
89-d Andrea Torvinen, Michelle Hegmon, Matthew Peeples, Keith W. Kintigh, and Ben A. Nelson—Assessing the Role of Diversity in the Resilience of Social-Ecological Systems in the Southwestern United States and Northern Mexico
89-e Paige Owen—Connectivity and Persistence Internally and Abroad in the Southwest United States and North Mexico
89-f Karen Schollmeyer—Faunal Diversity, Resilience, and Social Transformations in the Prehistoric U.S. Southwest
89-g Wesley Miles—Traditional Crop Production in the Middle Gila River Valley: An Experimental Study

89] GENERAL SESSION ■ STONE TOOL PRODUCTION: OLD AND NEW WORLD
Room: 309 (HCC)
Time: 6:00 PM - 8:00 PM
Chair: Julie Esdale

Participants:
6:00 Rachel Campbell—Fourche Valley Site: Use-Wear of Double Bitted Axes
6:15 Brandon Gabler and Gregory Lockard—Lithic Technology during the Transition to Agriculture at the Defense Supply Center Richmond, Chesterfield County, Virginia
6:30 Jason Ciccone—The Clovis Culture In New England-Hudson Valley Sites with Clovis Lithic Technology
6:45 Petranka Nedelcheva and Ivan Gatsov—Bullet Core Technology at South Marmara Region 7-6 mill BC
7:00 Kane Ditchfield and Simon Holdaway—Stone Artefact Assemblage Formation and Patterns of Human Movement: Results from Two Pleistocene Cave Sites, Bone Cave, and Mackintosh 90/1, South-Western Tasmania, Australia
7:15 Lilian Dogiama—Defining the Point: Arrowhead or Spearhead? The Case of the Çatalhöyük Projectile Points
7:30 Julie Esdale—Tool Stone Procurement and Lithic Assemblage Variability in the North
7:45 Michael Waters—An Examination of Clovis and Goshen Chronology
[91]  GENERAL SESSION ■ MANAGING, MITIGATING, AND PROTECTING THE PAST  
Room: 317A (HCC)  
Time: 6:00 PM - 8:00 PM  
Chair: Konnie Wescott  
Participants:  
6:00 Enah Montserrat Fonseca Ibarra and Fiorella Fenoglio Limón—Protección del patrimonio arqueológico: un pasado en un presente  
6:15 Fiorella Fenoglio, Enah Fonseca, and Israel Lara—Protección del patrimonio arqueológico ¿Debemos incluir a la sociedad civil?  
6:30 Israel Lara Barajas and Fiorella Fenoglio Limón—Protección del patrimonio cultural y procuración de justicia  
6:45 Konnie Wescott and Stephen Fosberg—Mitigation Planning for Addressing Unavoidable Impacts of Solar Energy Development: A Shift from Project Scale to Regional Scale  
7:00 Ben Thomas and Meredith Langlitz—Mitigating the Impact of Archaeotourism on Archaeological Sites  
7:15 Amy Oechsner—Challenges and Strategies: Managing the Old Spanish National Historic Trail in California  
7:30 Cynthia Wirth and Kelley Scudder-Temple—Shipwrecks, Pirates, Governments, and Archaeologists: Is Collaboration the Key?  
7:45 Barbara Bane and Barbara Bane—Last Flight of a Nighthawk: The Recovery of Threatened Armament at a WWII Plane Crash Site in Yosemite National Park, CA  

[92]  GENERAL SESSION ■ CAMPS, FORTS, AND MILITARY BASES  
Room: 317B (HCC)  
Time: 6:00 PM - 8:00 PM  
Chair: James Meierhoff  
Participants:  
6:00 Judith Thomas and Kaitlin Volanski—Geochemical Identification of Differential Phosphorus Patterning at the Laundresses’ Quarters, Cantonment Burgwin (TA-8), Taos, New Mexico  
6:15 Nathan DiVito—Message in a Bottle: The “Heim” Zouaves  
6:30 Susan Moorhead Mooney and P. Gregory Hare—The Arctic Trails Have Their Secret Tales…  
6:45 Beth Horton—Officers, Soldiers, and Laundresses: A Study of Status, Space, and Interaction at Mid-19th century Vancouver Barracks, Fort Vancouver National Historic Site, Washington  
7:00 James Meierhoff—World War II and the American Home Front: A Preliminary Exploration of Three German POW Camps near Chicago  
7:15 Derrick Marucci and Susan Gade—The Archaeology of a World War II Bombing Range in Southeastern New Hampshire  
7:30 Patricia Mitchell—Camp Young Revisited  
7:45 Timothy De Smet, Mark Everett, Tanya Komas, and Robert Warden—3D GPR on Alcatraz Island, San Francisco Bay, California  

[93]  SYMPOSIUM ■ INVENTION AS A PROCESS: PYROTECHNOLOGIES IN PRE-LITERATE SOCIETIES  
Room: 306A (HCC)  
Time: 6:00 PM - 8:15 PM  
Chairs: Miljana Radivojevic and Benjamin Roberts
Participants:
6:00 Benjamin Roberts—Inventing Metallurgy I: A Global Perspective
6:15 Miljana Radivojevic—Inventing Metallurgy II: A Look through the Microscope Lens
6:30 Thilo Rehren—Inventing Technical Ceramics
6:45 Roger Doonan and Peter Hommel—Between Ideas and Objects: The Doings of Invention in Pottery and Metallurgy
7:00 Thomas Fenn—Invention or Innovation? Pyrotechnological Connections between Metallurgy, Glass, and Glazes
7:15 David Killick—Invention and Innovation in African Iron Smelting Technology
7:30 Wei QIAN—Cast Iron Smelting in Early China: Archaeological Survey and Laboratory Simulation
7:45 Carol Schultze—Invention of Silver Technology in the New World
8:00 Q&A

[94] SYMPOSIUM APPOACHING JEFFERS: NEW TECHNIQUES AND NEW PERSPECTIVES FOR A SACRED SITE IN SOUTHWESTERN MINNESOTA
Room: 301B (HCC)
Time: 6:00 PM - 8:15 PM
Chair: John Soderberg

Participants:
6:00 Heidi Zirkle—Modeling Daily Patterns of Visibility Using 3D Models of Jeffers Petroglyphs
6:15 Sean Greer, Kieran McNulty, and Laura Vietti—Assessing Petroglyph Variability via Roughness and Fractal Analysis
6:30 Ryan Knigge, Kieran McNulty, and John Soderberg—Assessing the Value of Geometric Morphometrics for Understanding Quadruped Petroglyphs at Jeffers
6:45 Jason Massey, John Soderberg, and Kieran McNulty—Approaching Human Figure Petroglyph Variability through Geometric Morphometrics
7:00 Kristina Golubiewski-Davis—What now: Engaging with 3D Models beyond Specialized Software
7:15 Patricia Emerson—Documenting Jeffers
7:30 Brian Hoffman, Nancy Hoffman, Kevin Reider, and Chelsea Starke—Collaborative Archaeology/Collaborative Education
7:45 Thomas Sanders—When Archaeologists Play Well with Others
8:00 Q&A

[95] SYMPOSIUM “ENTANGLING” ARCHAEOLOGY AND HISTORY: EARLY MODERN COLONIALISM IN THE ASIA-PACIFIC REGION
Room: 312 (HCC)
Time: 6:00 PM - 8:15 PM
Chairs: Maria Cruz Berrocal and Sandra Monton-Subias

Participants:
6:00 Mark Staniforth—Maritime Trade in South East Asia before 1500 A.D.: The Underwater Evidence
6:15 Miao Liu and Chunming Wu—Early Maritime Cultural Interaction between East and West-A Preliminary Study on the Shipwrecks of 16th-17th Centuries Investigated in Southeast Asia
6:30 Omaira Brunal-Perry—The Early European Exploration in the Marianas
6:45 Frank Quimby—The Mariana Islands and the Role of Early Modern Asia-Pacific Colonization in Globalization
7:00 Andrea Jalandoni and John Peterson—Conflict at Contact: Late 17th Century
Spanish Missions and Reduction in Northern Guam
7:15 Rosalind Hunter-Anderson—Discussant
7:30 Maria Cruz Berrocal, Sandra Montón, Susana Consuegra, Marc Gener, and Tsang Chenghua—The 17th century Spanish Colony of Hoping Dao, Taiwan
7:45 Alexandre Coello—The Writing of the First History of the Mariana Islands, by Charles le Gobien, S.J.
8:00 Antonio Gilman—Discussant

[96] GENERAL SESSION ■ EUROPEAN ARCHAEOLOGY THROUGH THE AGES
Room: 316A (HCC)
Time: 6:00 PM - 8:00 PM
Chair: Chris Scarre
Participants:
6:00 Eugene Morin and Ready Elspeth—Why Transporting Bones? An Analysis of Anatomical Profiles from Pleistocene European Archaeofaunas
6:15 Bonnie A. B. Blackwell, Adia L. Huang, Maurice Hardy, Francine David, and Clare Tolmie—ESR Dating in a Mousterian Layer at Grotte du Bison, Arcy-sur-Cure, France
6:30 Chris Scarre—Places Apart? Islands, Monuments, and Movement in Neolithic Northwest Europe
6:45 Laurence Manolakakis and Olivier Weller—Emergence of Social Hierarchy in Europe (ca. 4600 B.C.): Just before Varna, Salt Cakes, and Flint Blades
7:00 Emily Holt—Social Complexity and Sustainable Resource Use: A Case Study from Bronze Age Sardinia
7:15 Shaheen Christie—An Archaeological Investigation of the Institution of Mithraism in Roman Londinium
7:30 Alissa Whitmore—Sewing in the Baths? Archaeological Evidence for Cloth-Working in Roman Public Baths
7:45 Erin Crowley—The Changing Role of Children in Roman Britain: New Directions for Future Research

[97] SYMPOSIUM ■ DIFFERENTIATED PRACTICES IN HIGH PLACES ACROSS THE US-MEXICO BORDERLANDS
Room: 301A (HCC)
Time: 6:00 PM - 8:30 PM
Chair: Todd Pitezel
Participants:
6:00 Loni Kantor—Wixárika Tukipa Groups and High Places
6:15 Todd Pitezel, Todd Pitezel, and Steve Swanson—Hilltop Signals of Ritual Practice in the Casas Grandes World, Chihuahua, Mexico
6:30 Suzanne Fish—Time and Place: The Role of Rio Magdalena Trincheras Sites in Their Settlement System
6:45 Randall McGuire and Elisa Villalpando—Cerros de Trincheras and Defense in the Formative Period Trincheras Tradition
7:00 Bridget Zavala—Up Above and Not So High: Setting Variation and Cerros de Trincheras in the Northwest/ Southwest
7:15 Christian Downum—Pars pro Toto: Synecdoche and the Interpretation of Tucson Basin Trincheras Sites
7:30 Paul Fish, Suzanne Fish, and Todd Pitezel—Understanding Parallels: Cross-Cutting Elements among Borderlands Hill Sites
7:45 Jose Luis Punzo—The Chalchihuteros, Dwellers of the Hills in the Valley of Guadiana, Durango, Mexico
8:00 Todd Bostwick—Hohokam Sunwatching at the Shaw Butte Hilltop Site in Phoenix, Arizona
8:15 Ben Nelson—Discussant

[98] **SYMPOSIUM: NOVEL APPLICATIONS OF MICROSCOPY AND MICROANALYSIS**

**Room:** 318A (HCC)
**Time:** 6:00 PM - 8:30 PM
**Chairs:** Adrian Evans, Danielle Macdonald and Harry Lerner

**Participants:**
6:00 Adrian Evans, Danielle Macdonald, Silvia Bello, and Andreu Ollé—3D Microscopy in Archaeology: A review of Techniques and Applications
6:15 William Stemp, Tonya Coffey, Adrian Evans, Harry Lerner, and Danielle MacDonald—An Assessment of Multiple Surface Measurement Systems: Documenting Use-Wear on Experimental Mistassini Quartzite Scrapers
6:30 Elizabeth Sonnenburg—Microscopic Analysis of Submerged Landscapes of the Alpena-Amberley Ridge
6:45 Danielle Macdonald, Adrian Evans, Claudiu Giusca, and Richard Leach—The Effect of Use Duration on Surface Roughness Measurements of Lithic Tools
7:00 Annelou Van Gijn—Discussant
7:15 Karl Hutchings—A Moment in Time Set in Stone: Identification and Analysis of Velocity-Dependent Lithic Micro-Fracture Features
7:30 Justin Pargeter, Karl Hutchings, and Marlize Lombard—Using Velocity-Dependent Micro-fracture Features to Determine Rates of Impact and Weapon Delivery Systems in an Experimental Hunting Context
7:45 Rachel Crellin and Andrea Dolfini—Metals under the Microscope: Use-Wear Analysis on Prehistoric Copper Alloy Objects
8:00 Harry Lerner—GIS, Microscopy, and Patterns of Use-Wear Accrual on Different Lithic Raw Materials: An Experimental Exploration of Changing Micropopographies and Their Implications for Archaeological Interpretation
8:15 Q&A

[99] **SYMPOSIUM: ACCESSIBLE ARCHAEOLOGY**

**Room:** 306B (HCC)
**Time:** 6:00 PM - 8:30 PM
**Chairs:** Annelise Morris and Kelly Fong

**Participants:**
6:00 Jodi Skipper—Beyond the Dig: St. Paul United Methodist Church and Public Archaeology in the Long Run
6:30 Annelise Morris—Excavating Our History: Public Archaeology in Rural Southern Illinois
6:45 Katrina Eichner—Repacking the Risqué: Public Response to the Archaeology of Sexuality
7:00 Kelly Fong—From the Ground Up: Transforming Historical Archaeologies into Social Histories
7:15 Margarita De Guzman—Creating a Community of Archaeology: The Story of the SVG Public Archaeology Program
7:30 Mitch Allen—From Marshalltown to Mark Twain: Challenges in Publishing Literary Archaeology
7:45 Alexandra Jones—Public Education Programs Making Archaeology Accessible to Youth
Thursday Evening, April 4

8:00   Adrian Praetzellis—Discussant
8:15   Q&A

[100]  **Symposium**

**Whither Archaeologies of Poverty?**

**Room:** 319A (HCC)
**Time:** 6:00 PM - 8:30 PM
**Chair:** Cameron Wesson

**Participants:**
- Rahul Oka and Dianna Bartone—Reclaiming Poverty for Anthropology: How Archaeology Can Form the Basis for Understanding the Evolution, Endurance, and Ubiquity of Global Poverty
- Sarah Chicone—Toward Archaeological Analysis of Poverty: A Consideration of Impacts
- Suzanne Spencer-Wood—Why Has Poverty Been Neglected in Prehistoric Archaeology?
- Cameron Wesson—Searching High and Low: Finding Poverty in the Past
- Orri Vesteinsson—Poverty in the Viking Age North Atlantic
- Matthew Sayre—Family, Markets, and Poverty in the Pre-Conquest Andes
- Donna Nash—The Haves and the Have-nots: Poverty in the Ancient Andes?
- Chelsea Blackmore—Poverty of Interpretations or Ancient Maya Poverty?
- Anne Pyburn—Discussant
- Christopher Matthews—Discussant

8:00   Anne Pyburn—Discussant
8:15   Christopher Matthews—Discussant

[101]  **Symposium**

**Negotiating Identities: Defining and Compartmentalizing the Self and Group in Multi-Cultural Settings**

**Room:** 319B (HCC)
**Time:** 6:00 PM - 8:30 PM
**Chairs:** Kathryn Baustian, Aaron Woods and Anna Osterholtz

**Participants:**
- Hemanth Kadambi—Constituting Royal-Dynastic Identity in South India: Negotiations in a Sacred Landscape
- Lauren Ristvet—Rethinking Identity and Tradition in Hellenistic Babylonia
- Matthew Gallon—Urbanization and the Construction of Religious Identities in Mid-First Millennium C.E. Central Thailand
- Anna Osterholtz and Ryan Harrod—Warrior, Soldier, Big Man: Warrior Ethos, Identity Formation and the Negotiation of Social Roles in Multicultural Settings
- Douglas Charles—Identity Differentiation during the Hopewell Phenomenon of the Eastern Woodlands of North America
- Kathryn Baustian and Lauren W. Falvey—You are Who You Meet: Identity Formation in the Mimbres Valley
- Andrew Duff—Identity and History on Chaco’s Southern Frontier
- Richard Sutter and Oscar Gabriel Prieto—“Becoming Moche”: An Examination of Competing Models of Ethnogenesis Using Archaeological and Bioarchaeological Data for the Early Intermediate Period (A.D. 200 – 750) in the Moche Valley, Perú
- Kenneth Sassaman—Discussant
- Norman Yoffee—Discussant

8:00   Kenneth Sassaman—Discussant
8:15   Norman Yoffee—Discussant

[102]  **Symposium**

**California Mission Archaeology in the Los Angeles Area**

**Room:** 324 (HCC)
**Time:** 6:00 PM - 8:30 PM
Chair: John Dietler

Participants:

6:00  John Dietler—Mission and Pueblo: The Mission Period Archaeology of San Gabriel and Los Angeles

6:15  Laura Hoffman and John Dietler—Water at the San Gabriel Mission and the Intensification of Production: The Industrial Revolution Comes to California

6:30  Michael Tuma and Ryan Glenn—Analysis of Vertebrate Faunal Remains from the San Gabriel Mission Archaeological Site

6:45  M. Colleen Hamilton and Kholood Abdo Hintzman—Mission San Gabriel Ceramics: Distribution and Frequencies of Occurrence of Exports and Indigenous Ceramics

7:00  Kim Owens—Public Outreach: Striving for Balance While Presenting California Mission Archaeology

7:15  Suzanne Griset—Native American Ceramics in 19th Century Los Angeles Basin

7:30  Sara Dietler—To the West of the Mission: Artifacts and Mortuary Patterns of a 19th Century Los Angeles Pueblo Cemetery

7:45  Heather Gibson—Death and Dying in 19th-Century Los Angeles: Mortuary Archaeology at Two Historic Cemeteries

8:00  Samantha Murray—The People of Plaza Church Cemetery (1822-1844): An Osteological Analysis of Los Angeles’s First Cemetery

8:15  Benjamin Vargas—De la ciudad (Yang-na) y la misión (Sibanga). Recent Archaeological Investigations at the Pueblo of Los Angeles and the Mission San Gabriel Arcángel and the Greater Implications for Studies of Culture Contact in the Los Angeles Basin

[103]  GENERAL SESSION • GLOBAL APPROACHES IN ARCHAEOBOTANY

Room: 323A (HCC)

Time: 6:00 PM - 8:30 PM

Chair: Shanti Morell-Hart

Participants:

6:00  Kristin Hoppa—Middle Holocene Plant Use on Santa Cruz Island

6:15  Julio Mercader—Plant Microbotanical Data from Middle Stone Age Sites to Understand the Environments in Which Early Modern Humans Lived

6:30  Sarah Oas—Revisiting Bosumpra: Investigating Plant Use, Continuity, and Change in the Ghanaian Rainforest during the Late Stone Age

6:45  Jon Hageman, Kelsey Nordine, and David Goldstein—Creating a Digital Archaeobotanical Reference Guide

7:00  Melissa Logan and Linda Scott Cummings—Lava Tubes: Bird Habitat, Sweet Potato Gardens, or Something Else?

7:15  Caroline Bachelet—Wood Exploitation in the “Cidade de Pedra” (Rondonópolis, Mato Grosso, Brazil) from the Middle Holocene: An Anthracological Analysis

7:30  Leandro Cascon and Rui Sérgio Sereni Murrieta—Deep Roots: Discussing the Role of the Concept of Root-Crop Agriculture in Amazonian Pre-Colonial Archaeology

7:45  Marsha Sims—Islands in the Mountains, Plant Utilization, and a Look at Frontrange and Uncompahgria in Colorado – Relic and Sandy Soils, Access to Lithics, and Archaeological Sites

8:00  Katherine Chiou, Christine Hastorf, and Tom Dillehay—Early Evidence for Capsicum spp. at the Preceramic Sites of Huaca Prieta and Paredones, Chicama Valley, Peru

8:15  Shanti Morell-Hart—Ancient Pharmacopoeias of Northwestern Honduras
[104] SYMPOSIUM OLD BORDERS AND NEW FRONTIERS: DOING HISTORICAL ARCHAEOLOGY IN SOUTHEAST ASIA
Room: 316B (HCC)
Time: 6:00 PM - 8:45 PM
Chair: Mitch Hendrickson

Participants:
6:00 Roland Fletcher—The Theoretical Implications of a Historical Archaeology of SE Asia
6:15 Piphal Heng—New Light on the Pre-Angkorian Polity: Viewed from a Regional Center of Thala Borivat
6:30 Tom Chandler—Modeling and Animating the Accounts of Zhou Daguan
6:45 Miriam Stark, Rachna Chhay, Piphal Heng, and Alison Carter—Angkorian Settlement: A View from the Center
7:00 David Brotherson—The Fortification of Angkor Wat
7:30 Wannasarn Noonsuk—The Foundation of Greatness: The Early Development of the Tambralinga Kingdom in Peninsular Siam
7:45 John Miksic—Highland-Lowland-Mainland Relations in Sumatra, and the China Factor
8:00 Gabrielle Ewington—Middle Period Cambodian Inscriptions
8:15 Pierre-Yves Manguin—Regional Religious and Trade Networks in Early Historic Southeast Asia: A Pan-regional Process
8:30 Christophe Pottier—Discussant

[105] SYMPOSIUM DIGITAL TRANSITIONS: TECHNOLOGIES FOR ARCHAEOLOGICAL FIELDWORK, PUBLISHING, AND COMMUNITY ENGAGEMENT
(Sponsored by the Center for Digital Archaeology, UC Berkeley)
Room: 318B (HCC)
Time: 6:00 PM - 8:45 PM
Chair: Michael Ashley

Participants:
6:00 Michael Jennings—Digital Archaeology in the Middle East: Recent Work in Jericho
6:15 Kathryn DeTore and Rebecca E. Bria—Explorations in Digital Data Collection in the Remote Andes of Peru
6:30 Timothy Gill—Mobile Data Entry Using "Codifi" Database Program at Palehua, Hawai‘i
6:45 Margaret Conkey—Out of the Stone Age: Toward an Integrated Digital Archive for a Paleolithic Survey
7:00 Michael Ashley and Ruth Tringham—Last House on the Hill: An Archaeological "Multigraph" for the Digital Age
7:15 Kimberly Christen and Kimberly Christen—Mukuru CMS: Grassroots Information Management Tool
7:30 Elena Toffalori, Michael Ashley, Chacha Sikes, and Dario Ciccone—Community Engagement and Heritage Preservation through an iPhone App: Mukuru Mobile
7:45 Rachel Opitz, Nicola Terrenato, Anna Gallone, and Marcello Mogetta—Translating Digital Practice: From Collection to Interpretation
8:00 Ruth Tringham and Pietro Ferraris—A Mobile App to Enhance Visits to Heritage Places: The Example of Angel Island
8:15 Thomas Levy—Discussant
8:30 Q&A
[106] **SYMPOSIUM: THE CONNECTED PAST: CRITICAL AND INNOVATIVE APPROACHES TO NETWORKS IN ARCHAEOLOGY**

**Room:** 314 (HCC)

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

**Chairs:** Tom Brughmans and Barbara Mills

**Participants:**

6:00 Ian Hodder—Discussant

6:15 Mark Golitko and Gary Feinman—Network Analysis of Classic and Postclassic Obsidian Distribution in Mesoamerica

6:30 Herbert Maschner, Jennifer Dunne, and Spencer Wood—Food-Webs as Network Tools for Investigating Historic and Prehistoric Roles of Humans as Consumers in Marine Ecosystems

6:45 Ethan Cochrane—Artifact Classification and Networks: A Case Study from the Southwest Pacific

7:00 Shawn Graham—Reanimating Networks with Agent Modeling

7:15 Barbara Mills, Matthew Peeples, Wm. R. Haas, Lewis Borck, and Jeffery Clark—Multiscalar Perspectives on Social Networks in the Late Prehispanic Southwest

7:30 Tom Brughmans, Simon Keay, and Graeme Earl—Just Points and Lines? Exploratory Network Analysis from a Roman Archaeology Perspective

7:45 Tim Kohler, Stefani Crabtree, and Michael Berry—Secrets of the Southwest Solved by Walkative Tree Rings

8:00 Angus Mol, Corinne Hofman, and Menno Hoogland—Remotely Local: A Network Model of the 14th Century Settlement of Kelbey’s Ridge, Saba

8:15 Fiona Coward—Getting to Grips with the Very Earliest Social Networks: The Challenges of Using Network Methodologies to Tackle Palaeolithic Datasets

8:30 Koji Mizoguchi—Prestige Goods and Social Hierarchization Revisited: A Formal Network Approach to the Hierarchization of Intercommunal Relations in the Middle Yayoi Period in Northern Kyushu, Japan

[107] **SYMPOSIUM: TENDENCIAS RECIENTES EN LA ARQUEOLOGÍA DEL OCCIDENTE DE MÉXICO**

**Room:** 323C (HCC)

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

**Chairs:** Luis Gomez-Gastelum and Marco Antonio Acosta-Ruíz

**Participants:**

6:00 Ericka Blanco—Los procesos y sus permanencias. El caso de la Isla de Atitlán en el Occidente de México

6:15 Sean Smith—El cambio social en la Región de los Tres Valles en el altiplano central jalisciense

6:30 Carlos Lopez Cruz—Investigaciones arqueológicas recientes en el río Santiago, Jalisco, México

6:45 José Carlos Beltrán Medina—Mololoa, un entierro en la montaña

7:00 Marco Antonio Acosta-Ruíz and Francisco Manuel Rodríguez Mota—Análisis contextual de sitios con manifestaciones gráficas rupestres en la Cuenca de Sayula, Jalisco

7:15 Luis Gomez-Gastelum—Notas para el estudio de la niñez en el antiguo occidente de México

7:30 Juan Jose G. Bracamontes Gutierrez—The Historical Archeology of the Port of San Blas

7:45 Alberto Aguirre—Arqueología de la arquitectura para la producción. Un caso de estudio en la tierra caliente michoacana
Thursday Evening, April 4

8:00 Magdalena Garcia Sanchez—"Metatología". De cómo y cuándo se usan metates y molcajetes. Una mirada desde la etnografía arqueológica.
8:15 Isaias Hernandez-Estrada—Los maestros escultores en barro de San Pedro Tlaquepaque y Tonalá, Jalisco.
8:30 Luis Gomez-Gastelum—Discussant
8:45 Marco Antonio Acosta-Ruiz—Discussant

Symposium: New Developments and Debates around Pachacamac and the Lurin Valley During the Late Pre-Columbian Periods
Room: 323B (HCC)
Time: 6:00 PM - 9:00 PM
Chairs: Luis Lopez-Hurtado and Camila Capriata Estrada

Participants:
6:00 Luis Lopez-Hurtado—Archaeological Research Program IEP Peruvian Central Coast
6:15 Anna Munns—Ychsma Shells: A Malacological Analysis at Panquilma
6:30 Zachary Critchley—Textile Production and Distribution at Panquilma
6:45 Camila Capriata Estrada—Behind Closed Doors: Private Ritual Practice at Panquilma
7:00 Michelle Chang—Plant Species at the Site of Panquilma and How They Are Used Today in the Andes
7:15 Dana Case—A Description of the Artifacts Recovered on the Patio of Pyramid 3, and the Conclusions That Can Be Drawn from These Findings
7:30 Alysa Leon—Two Vastly Different Burials within Close Proximity
7:45 Sudarsana Mohanty and Jillian Serio—An Analysis of Burials found in Yschma Domestic Spaces at the site of Panquilma in the Lurin Valley, Peru
8:00 Jillian Serio and Sudarsana Mohanty—An Analysis of Burials Found in Yschma Domestic Spaces at the Site of Panquilma in the Lurin Valley, Peru
8:15 Andrew Hardy—Multiple Functions of Pre-Columbian Buildings in the Andes: A Ceramic Analysis of Pyramid 3 in Panquilma, Peru
8:30 Augusto Vasquez—Friezes at the Lurin Valley: Function, Importance, and Meaning
8:45 Giancarlo Marcone—Discussant

Symposium: The Archaeology of Religion in the Mesoamerican Cave Context
Room: 311 (HCC)
Time: 6:00 PM - 9:15 PM
Chairs: James Brady and Melanie Saldana

Participants:
6:00 Dominique Rissolo, James C. Chatters, Douglas Kennett, Yemane Asmerom, and Pilar Luna Erreguera—Recent Analyses of the Late Pleistocene Human Skeleton from the Submerged Cave Site of Hoyo Negro, Quintana Roo, Mexico
6:15 Donald Slater—To the Four Corners: Fragmentation, Scattering, and Termination in the Caves of Ancient Central Yucatan, Mexico
6:30 Fabio Amador and Guillermo de Anda—Seeing Cenotes: New Strategies in Studying the Flooded Caves of the Yucatan Peninsula
6:45 Shawn Morton—Polity Development during the Late/Terminal Classic as Attested in Subterranean Site Contexts of the Caves Branch and Roaring Creek Valleys of Belize, C.A.
7:00 C. L. Kieffer—Atypical Cave Offerings: Identifying the Sacrificed Social Outcasts via Osteobiographies at Midnight Terror Cave, Belize
7:15 Joseph Orozco and Joseph Orozco—Faunal Assemblage of Midnight Terror Cave
7:30 Toni Gonzalez and Helen Haines—Exploring the Ritual Function of Chultuns: A Taste from Ka’Kabish
7:45 Jon Spenard—Just How Far Do We Go in “Cave” Archaeology? A Discussion of the Modified Karst Landscapes around Pacbitun, Belize
8:00 Humberto Nation and Holley Moyes—Social Implications of Spectrometric Techniques of Speleothem Sourcing from Belize
8:15 Mario Giron-Ábrego—The “Cave/Mountain Entering” Metaphor for Death and the Och Witz Event on Stela 31
8:30 Ann Scott—Searching for Light amid the Darkness: An Examination of Contemporary Ritual Behavior among the Kaqchikel Maya in Guatemala
8:45 James Brady, Tamara Ballensky, and Elliot Stahl—A Preliminary Discussion of the Cueva de Rey Condoy Mud Sculptures
9:00 Q&A

Room: 316C (HCC)
Time: 6:00 PM - 9:30 PM
Chair: William Doelle

Participants:
6:00 William Doelle—What Is Preservation Archaeology?
6:15 Deborah Huntley and Jeffery Clark—Preservation Archaeology in the Southern Southwest: Minimizing Impact, Maximizing Results
6:30 Mark Varien—Preservation Archaeology at the Crow Canyon Archaeological Center: Integrating Research, Education, and American Indian Partnerships
6:45 John Ware and John Kantner—A Tale of Two Institutions: Synthesis and Publication in the Greater Southwest
7:00 John Welch, Karl Hoerig, Mark Altaha, and Ramon Riley—Fort Apache Heritage Foundation
7:15 Robert Breunig and Jim Enote—Forming Partnerships with Tribal Communities
7:30 Mark Michel—Protecting Sites through Ownership
7:45 Andy Laurenzi—Site Protection – A Glass Half Full?
8:00 Deborah Gangloff—Archaeological Advocacy: Making the Economic Case for Cultural Resources
8:15 Lynne Sebastian—Flexible, Pragmatic Approaches to Historic Preservation Compliance
8:30 Douglas Gann—Strategies for Public Outreach in Preservation Archaeology
8:45 William Lipe—Discussant
9:00 James Snead—Discussant
9:15 Don Fowler—Discussant
Friday Morning ■ April 05, 2013

[111A] **WORKSHOP ■ ARCHAEOLOGICAL APPLICATIONS OF AIRBORNE LASER SCANNING**
Room: Sea Pearl III-IV (HHV)
Time: 8:00 AM - 3:00 PM

[111] **GENERAL SESSION ■ HERITAGE AND COMMUNITY IN ARCHAEOLOGY**
Room: 323B (HCC)
Time: 8:00 AM - 8:30 AM
Chair: John Wingard

Participants:
8:00 Alvaro Higueras—Indigenous Amazonian Societies in Distress: Monitoring Heritage Risk and Social Decay in the Peruvian Amazon
8:15 John Wingard, Margaret Purser, Katherine Dowdall, and Otis Parrish—Archaeologists, Localized Communities, and Emerging Models of Community Engagement

[112] **GENERAL SESSION ■ THE ARCHAEOLOGY OF EARLY JAPAN**
Room: 323A (HCC)
Time: 8:00 AM - 9:00 AM
Chair: Fumiko Ikawa-Smith

Participants:
8:00 Takashi Sakaguchi—Foundations of Jomon Male Symbolism Seen from Vessels with Phallic Spout
8:15 Wendy Frederick—Ainu Identity and Expressive Culture
8:30 Kaoru Akoshima—Integrating Lithic Microwear Traces with Site Structure and Settlement Mobility Patterns in the Upper Palaeolithic of Northeast Japan
8:45 Fumiko Ikawa-Smith—Peopling of the Japanese Archipelago: When? From where? And How Many Times?

[113] **SYMPOSIUM ■ NOT THE END AFTER ALL: NEW ARCHAEOLOGICAL PERSPECTIVES FOR THE ANCIENT CITY OF CHICHÉN ITZÁ**
Room: 312 (HCC)
Time: 8:00 AM - 9:30 AM
Chair: Hector Hernandez

Participants:
8:00 Rafael Cobos—Construction Sequence of the Great Terrace and Associated Buildings at Chichén Itzá, Yucatán, México
8:15 Socorro Jimenez and Rafael Cobos—The Peto Cream Ware of Chichén Itzá: Time and Technology
8:30 Lilia Fernandez Souza, Mario Zimmermann, and Joaquín Venegas de la Torre—Revisiting Patio-Galleries: Use of Spaces in Structure 2D6 of Chichén Itzá
8:45 Guillermo De Anda Alaniz—Climatic Changes during the Terminal Classic Period at Chichén Itzá, Yucatán
9:00 Hector Hernandez—Masculine Places at Chichén Itzá: Ritual Activity and Social Identity in a Terminal Classic Structure
9:15 Rafael Cobos—Discussant
[114] SYMPOSIUM CONTEXTOS ARQUEOLÓGICOS FUNERARIOS EN LOS VALLES CENTRALES DE OAXACA, ESTUDIOS RECENTES
Room: 316B (HCC)
Time: 8:00 AM - 9:45 AM
Chair: Pedro Ramon Celis

Participants:
8:00 Jorge Rios—Hallazgos funerarios recientes en Lambityeco-Yegüih: consideraciones preliminares
8:15 Pedro Ramon Celis—Cambios en los ritos funerarios zapotecos durante el posclásico; retomando a Bernal y “los mixtecos y el valle de Oaxaca”
8:30 Ivan Olguin—Los contextos arqueológicos de las tumbas de Mitla
8:45 Jaime Vera, Nelly M. Robles, and Eduardo García—Un montículo funerario en Atzompa
9:00 Agustín Andrade—Los contextos funerarios de San Sebastián Teitipac
9:15 Michael Campana, Nelly Robles Garcia, Frank Ruehli, and Noreen Tuross—Disease, Death and DNA at Teposcolula Yacundaa, Oaxaca
9:30 Patricia Plunket—Discussant

[115] SYMPOSIUM ARCHEOLOGY OF AFRICA AND DIASPORA COMMUNITY FORMATION
Room: 319A (HCC)
Time: 8:00 AM - 9:45 AM
Chair: William Schaffer

Participants:
8:00 Christopher Fennell—Trans-Atlantic Entanglements and Cultural Transformations
8:15 J. Cameron Monroe—State and Community in Precolonial Dahomey
8:30 E. Kofi Agorsah—The Kormantse Factor in African Identity in the Diaspora
8:45 William Schaffer—Reconstructing Identity and Mortuary Ritual at Historic Kormantse, Central Region, Ghana
9:00 Cheryl White—Paths, Places, and Names: Ethno-archaeology and Maroons in Suriname, SA
9:15 Grace Turner—An Allegory for Life: Transforming the Bahamas
9:30 Shannon Mahoney—Post-Emancipation Community Building at Charles’ Corner in Tidewater Virginia

[116] SYMPOSIUM MANIPULATING PREY: DEVELOPMENT OF MASS KILL EVENTS AROUND THE GLOBE
Room: 305A (HCC)
Time: 8:00 AM - 9:45 AM
Chairs: Leland Bement and Kristen Carlson

Participants:
8:00 David Maxwell and Jonathan Driver—New Approaches to Old Data: Plains Bison Kill Population Dynamics Revisited
8:15 Adam Graves—Meet at the Meat?!
8:30 Maria Zedeño and Jesse Ballenger—Late Prehistoric Communal Bison Hunting along the Northern Rocky Mountain Front: Implications for Territory Formation among Big-Game Hunters
8:45 Kristen Carlson and Leland Bement—The Development of Paleolindian Large Scale Bison Kills: A Comparison of Northwestern to Southern Plains Arroyo Traps
9:00 Marie-Anne Julien and Oleksandra Krotova—Mass kills, Small Kills, and Subsistence Economies in Eastern Europe during the Upper Palaeolithic

9:15 Jason LaBelle—Hunters of the High Country: Exploring Variation in the Complexity and Ages of Game Drives in the Colorado Alpine Tundra

9:30 Bruce Smith—Discussant

[117] GENERAL SESSION UNBURYING DATA: ADVANCES IN LAB METHODS
Room: 318A (HCC)
Time: 8:00 AM - 9:45 AM
Chair: Daniel Moore

Participants:
8:00 Ted Parsons and Roberta Gordaoff—Creating Site Orthophotos and 3-D Models for a House Feature in the Aleutian Islands
8:15 Erik Otárola-Castro, Emma James, Jessica Thompson, Jacob Harris, and Agustina Massigoge—No Longer Just a Pretty Picture: Differentiating between Experimental Bone Surface Modifications Using 3D Morphometric Analysis
8:30 Andrea Alveshere—Forgotten Studies, Buried Data: Unearthing the Hidden Potential of Interdisciplinary Archaeological Records
8:45 Dena Sedar—The Good, The Bad, and the Not So Ugly: A Comparative Analysis of the Poorly Provenienced Nevada State Incised Stone Collection with Incised Stones Recovered from Controlled Excavations
9:00 Andrew Zipkin, Mark Wagner, and Alison S. Brooks—The Role of Loading Agent Particle Size and Mineralogy in Formulating Compound-Hafting Adhesives
9:15 Jessica Slater and Brad Comeau—Time, Space, and Place: The Potential of Time/Geography, Geophysical, and Geochemical Approaches for Capturing Experimental Engagement
9:30 Daniel Moore—Earthen Architecture at Poggio Civitate, Italy

[118] FORUM “BUT I JUST LIKE TO DIG”: PRACTICAL ETHICS FOR THE PROFESSIONAL ARCHAEOLOGIST
Room: 319B (HCC)
Time: 8:00 AM - 10:00 AM
Moderator: Anne Pyburn

Participants:
Larry Zimmerman—Discussant
Alexis Bunten—Discussant
Margaret Conkey—Discussant
Beverly Chiarulli—Discussant
George Nicholas—Discussant
Marcia Bezerra—Discussant

[119] POSTER SESSION HISTORICAL ARCHAEOLOGY
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM

Participants:
119-a Karlene Leeper—Wake Island National Historic Landmark: Opportunities for Subsurface Archaeological Testing and Discovery
119-c Nicole Mathwich and Lee M. Panich—Excavations of a Native American
Dormitory at Mission Santa Clara, California
119-d Sarah Peelo, Linda Hytkema, and Clinton Blount—The Indian Rancheria at Mission Santa Clara de Asís
119-e Nichole Gillis and Kristen Heitert—Knee Deep in Paul Revere’s Privy? Archaeology of the Paul Revere Houselot, Boston, Massachusetts
119-g Zachary Overfield—Resurrecting Old Pattonia: Uncovering the Lifeways of a 19th Century Shipping Port Community
119-h David Cook, Jeffrey Glover, and Ian Johnson—The Phoenix Project: Resurrecting the MARTA Archaeological Collection and Atlanta’s Past
119-i Natalia Cirigliano and Miriam Vommaro—Historical Occupations at the Southern Part of the Deseado Massif: The Case of La Gruta 3 (Santa Cruz, Argentina)

[120] **POSTER SESSION • PEOPLE OF THE MIDDLE FRASER CANYON DURING BRITISH COLUMBIA’S FUR TRADE ERA: HOUSEHOLD SOCIAL, ECONOMIC, AND POLITICAL ORGANIZATION AT BRIDGE RIVER**

Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM
Chair: Anna Prentiss

Participants:
120-a Anna Prentiss—The Archaeology of Housepit 54 during the Colonial Period at Bridge River
120-b Kelly French—Lithic Technology at the Bridge River Site
120-c Sara Hocking—Lithic Technology at Housepit 54 during the Fur Trade Era: Testing a Central Place Foraging Model
120-d C. Riley Auge, Mary Bobbit, T. A. Foor, and Kelly Dixon—Indigenous Uses of Non-traditional Artifacts at a Mid-Fraser Village
120-e Mary Bobbitt, C. Riley Auge, T. A. Foor, and Kelly J. Dixon—Interpreting the Intra and Extra Regional Trade Networks at the Bridge River Site
120-f Phillip Hamilton, Kristen Barnett, Alexandra Williams, and Anna Prentiss—Knapping on the Roof: Spatial Analysis of Materials from the Housepit 54 Final Roof, Bridge River Site, British Columbia
120-g Alexandra Williams—Household Organization in the Fur Trade Era: Spatial and Socioeconomic Relationships of Housepit 54
120-h Katherine Hill, Nathan Goodale, Alissa Nauman, and David B. Bailey—Elemental Characterization of Floor Sediments from Housepit 54, Bridge River Housepit Village, British Columbia
120-i Eric Carlson—Mass Harvesting, Processing, and Food Storage at the Late-Prehistoric S7i7stkn Site (Little Pithouse site), Middle Fraser Region, British Columbia
120-j Lisa Smith—People Occupied Small Villages Too: Household Archaeology of Housepit 1 of the S7i7stkn Site (Little Pithouse site), Middle Fraser Region, British Columbia
120-k Ayme Swartz and Kristen Barnett—Women in the House: Social Aspects of Grief

[121] **POSTER SESSION • VIOLENCE, PLACE-MAKING, AND THE MATERIALITY OF BORDER CROSSING: RECENT RESEARCH FROM THE UNDOCUMENTED MIGRATION PROJECT**
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM
Chairs: Jason De Leon, Cameron Gokee, and Ashley Schubert

Participants:

121-a Haeden Stewart and Ian Ostericher—The Different Strategies and Stages of “The Crossing”: Mapping the Assemblages of Migrant Sites in Relation to Their Distance from the Arizona/Sonora Border

121-b Mario Castillo—A Taphonomic Approach to Migrant Stations: Excavating Cultural and Natural Site Formation Processes in the Sonoran Desert

121-c Robyn Dennis—Security and Shelter in the Desert: Visibility and Its Role in the Location of Migrant Stations

121-d Samantha Grabowska—Clandestine Architecture along the U.S.-Mexico Border: Housing the Invisible Body in a Landscape of Surveillance

121-e Cameron Gokee and Cameron Gokee—Bitter Pills to Swallow: Undocumented Migration and Medication in the Sonoran Desert

121-f Parth Singh and Jason De Leon—¿Cuánto vale? An Economic Analysis of Migrant Stations and the Corporations Who Profit from Undocumented Migration

121-g Magda Mankel—Undocumented Migration, Boundary Enforcement, and Contemporary Archaeological Sites: Understanding the Modified Southern Arizona Landscape from the Perspective of Locals

121-h Justine Drummond and Jason De León—Interactions at Humanitarian Water Drop Sites: An Archaeological and Ethnographic Study of Clandestine Culture Contact among Undocumented Migrants, Humanitarian Aid Groups, and Border Patrol

121-i Ashley Schubert, Jason De León, and Madeline Naumann—Artifacts of “Deterrence”: The Materiality of Migrant Contact with U.S. Border Patrol

121-j Olivia Waterhouse and Jason De León—Trying to Understand What It Feels Like to Literally Walk in Someone’s Shoes: An Experimental-Ethnographic-Archaeological Approach to Migrant Shoes

121-k Jason De Leon and Robin Reineke—Necroviolence and the Posthumous Lives of Undocumented Border Crossers

121-l Sophia Yackshaw and Jason De Leon—Necroviolence, Taphonomy, and the Ethics of Killing Animals to Understand What Happens to the Corpses of Undocumented Border Crossers

121-m Maya Fernandez and Jason De Leon—Documenting the Dead: A Geo-Spatial Analysis of Published Migrant Death Locations

121-n Anna Forringer-Beal—What Little Remains: Examining The Impact of Desert Conservation Efforts on the Archaeological Record of Undocumented Migration in Southern Arizona

[122] POSTER SESSION ■ THE ARCHAEOLOGY OF NUCLEAR TESTING AND ITS ANTECEDENTS ON THE NEVADA NATIONAL SECURITY SITE
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM
Chairs: Harold Drollinger and Colleen Beck

Participants:

122-a Colleen Beck—An Overview of the Archaeology of Nuclear Testing at the Nevada National Security Site

122-b Jeffrey Wedding, David Smee, and Alex Heindl—Archaeologist’s Field Guide for Identifying Cold War Era Military Food Cans

122-c Susan Forringer-Beal—BREN Tower: The Rise and Fall of an Atomic-Age Icon

122-d Harold Drollinger—Nuclear Rocketry at the Nevada National Security Site

122-e Robert Jones—An Archaeological Study of the Smoky Atmospheric Test
122-f Justin DeMaio—Before Nuclear Testing: Evidence of Prehistoric Inhabitants on the Nevada National Security Site (NNSS)
122-g Lauren Falvey—Before Nuclear Testing: Historic Archaeology on the Nevada National Security Site
122-h Barbara Holz—A Cold War Battlefield: Frenchman Flat Historic District, Nevada National Security Site, Nye County, Nevada
122-i Maureen King—The Perplexity of Recording Cultural Resources at Atmospheric Nuclear Test Sites

[123] SYMPOSIUM BREAKING GROUND: ONE YEAR OF CULTURAL RESOURCES MANAGEMENT FOR THE NAVAJO-GALLUP WATER SUPPLY PROJECT, NEW MEXICO (Sponsored by PaleoWest Archaeology)
Room: 314 (HCC)
Time: 8:00 AM - 10:30 AM
Chairs: Shawn Fehrenbach and Kevin Thompson

Participants:
8:00 Kevin Thompson and Thomas Motsinger—When the Going Gets Weird, the Weird Turn Pro: The Navajo-Gallup Water Supply Project
8:15 Cory Breternitz—A Summary of Data Recovery Investigations in the Vicinity of Tolakai, Navajo-Gallup Water Supply Project, Northwest New Mexico
8:30 Shawn Fehrenbach and Theodore Roberts—Realizing the Digital Revolution: A Comprehensive Digital Approach to Data Collection, Management, and Reporting on the Navajo-Gallup Water Supply Project
8:45 Jason Chuipka—The Historicity of Data Collection: An Overview of Going Digital in the Northern Southwest
9:00 Dennis Gilpin—Chronologies and Scales in Reconstructing the Formation of Navajo Sacred Landscapes
9:15 Ronald Maldonado—Navajo Cultural Affiliation Reach by Reach: A BOR Project in the San Juan Basin
9:30 Kirk Anderson—Landscape Dynamics Near Tolakai, New Mexico
9:45 James Potter—Discussant
10:00 Elizabeth Perry—Discussant
10:15 Q&A

[124] SYMPOSIUM NEW RESEARCH OF AMERICAN INDIAN TOBACCO SMOKING PIPES AND PLANTS
Room: 303A (HCC)
Time: 8:00 AM - 10:30 AM
Chair: Elizabeth Bollwerk

Participants:
8:00 Dennis Blanton—Evolution of a Ritual: Pipes and Smoking in Etowah’s Realm
8:15 John Hedden—Central Plains Tradition Smoking Pipes in the Glenwood Locality of Iowa: within a Landscape of the Rising and Falling Sky
8:30 John Creese—Making Pipes and Social Persons at the Keffer Site: A Life History Approach
8:45 Sarah Wisseman, Thomas Emerson, Randall Hughes, and Kenneth Farnsworth—Pipestone Utilization in the Midcontinent
9:00 Michael Ligman—“Put That in Your Pipe and Smoke It.” An exploratory pXRF Study of Native American Ceramic Tobacco Pipes at Jamestown, Virginia
9:15 Alison Hadley—An Experiment in the Replication of Pipe Tools
9:30 Shannon Tushingham, Jelmer Eerkens, Dominique Ardura, Mine Palazoglu, and Oliver Fiehn—Chemical Evidence for Hunter-Gatherer Tobacco Smoking in
Ancient Western North America

9:45  Stephen Carmody, Maria A. Caffrey, Sally P. Horn, and Belinda M. Lady—
Palynological and Chemical Analyses of Pipe Residues as Evidence for Prehistoric Tobacco Use in the Southeastern U.S.

10:00 Q&A

10:15 Elizabeth Bollwerk—Discussant

[125]  GENERAL SESSION  ADVANCING ARCHAEOLOGY IN THE FIELD
Room:  301A (HCC)
Time:  8:00 AM - 10:30 AM
Chair:  Nathan Goodale

Participants:
8:00  Amanda Hernandez—It's the Pits! Optimal Field Methods for the Location and Excavation of Prehistoric Roasting Pits in the Jornada Mogollon
8:15  Ellen Gerth—The Tortugas Shipwreck Project, Florida Keys: Pioneering Deep-Sea Technology and Its Contribution to Historical Archaeology
8:30  Kira Kaufmann, William F. Kean, Michael Baierlipp, and David Hart—
Interpretation of Effigy Mound Construction in the Midwest: 10 Years of Using of Geophysical Techniques for Archaeological Applications
8:45  T. Manahan, Mandy Munro-Stasiuk, Corrine Coakley, and Derek Salustro—
Evaluating Ground Penetrating Radar Identification of Architectural and Archaeological Features in a Karst Environment:  A Case Study from Xuenkal, Yucatan
9:00  David Brown, Mark Willis, and Chester Walker—Mapping the End of Empire: Low Level Aerial Reconnaissance in Western Cotopaxi Province, Ecuador
9:15  Kaitlin Brown, Jacques Connan, René Vellanoweth, Nicholas Poister, and Amira Ainis—Analyses of Asphaltic Mixtures from the California Channel Islands: Evidence for Indigenous Sources of Bitumen in Relation to Submarine Seeps
9:30  Debra Green and Kimball Banks—Over the Mound and into the Pit: Mitigation at the Larson Site (32BL9), North Dakota
9:45  Graeme Earl, Graeme Earl, Angeliki Chrysanthi, and Tom Frankland—Blending Digital and Physical Fieldwork Research: The RCUK PATINA Project
10:00 Nathan Goodale, David Bailey, Alissa Nauman, and Ted Fondak—There’s an App for That: Mobile Devices in Archaeological Field Research
10:15 Helen Fairley, Brian Collins, Amy Draut, Skye Corbett, and David Bedford—
Evaluating the Effects of Glen Canyon Dam on Downstream Archaeological Sites in Glen and Grand Canyons, Arizona

[126]  GENERAL SESSION  NEW DIRECTIONS IN MESOAMERICAN ARCHAEOLOGY
Room:  306A (HCC)
Time:  8:00 AM - 10:30 AM
Chair:  Laura O’Rourke

Participants:
8:00  Ronald Castanzo—The Identification of Ceramic Production and Exchange in Archaeological Contexts: A Multifaceted Approach
8:15  Angela Mcardle—An Iconographic Approach to Lithic Analysis in Mesoamerica
8:30  Santiago Garcia—The Venus Star and the Avian Serpent: Remnants of a Regional Cult in Early Formative Mesoamerica
8:45  Hirokazu Kotegawa—Viajes de los olmecas: una perspectiva de los estudios de los monumentos olmecas
9:00  Lourdes Hernandez Jimenez and Olaf Jaime-Riveron—An Olmec Sacred Place: Materiality and Mural Paintings in the Upper Uxpanapa River System
9:15 Laura O'Rourke—An Olmec-style Cylinder Seal from Yarumela
9:30 Rosemary Lieske—Izapa Group B: Revisiting the NWAF Excavations of the 1960s
9:45 Alicia Hernandez and Gerardo Gutierrez—The Archaeology of Fortified Hilltops along the Aztec-Tlapanec Frontier of the 15th Century in Eastern Guerrero
10:00 Timothy Guyah—The Spatial Distribution of the Mexica Knife in Postclassic Mesoamerica

[127] SYMPOSIUM: ARCHAEOLOGY OF THE UNDERREPRESENTED
Room: 306B (HCC)
Time: 8:00 AM - 10:45 AM
Chair: Kristen Barnett
Participants:
8:00 Pei-Lin Yu—Children as Formational Agents in the Archaeological Record: Some Ethnoarchaeological Observations
8:15 Traci Ardren—Social Imaginaries as a Means to Understand Ancient Childhood
8:30 Kathryn Kamp and April Kamp-Whittaker—Invisibility Is in the Eye of the Beholder: Techniques and Perspectives for the Archaeology of Children
8:45 Sharon Moses—Slavery, Syncretized Rituals, and Repurposed Objects: Native American and African Slaves in South Carolina Lowcountry
9:00 Roberta Gordaooff—Intrasite Spatial Analysis of an Upland House on Adak Island, the Aleutian Islands, Alaska
9:15 Alissa Nauman and Nathan Goodale—Exploring Expressions of Gendered Identity in Household and Community Organization at the Slocan Narrows Pithouse Village, Upper Columbia River Drainage, British Columbia, Canada
9:45 Kristen Barnett—Beyond Ecology: A Look at Demographic Change through Women’s Reproductive Choices
10:00 Elyse Anderson—The Timucuan Division of Animistic Practice
10:15 David M. Hyde—Rural Power and Gender: The View from Medicinal Trail, A Late Preclassic Maya Hinterland Community in Northwestern Belize
10:30 David M. Hyde—Discussant

Room: 318B (HCC)
Time: 8:00 AM - 10:45 AM
Chair: Donald Pattee
Participants:
8:00 Donald Pattee and Geoff Smith—A Changing Valley: Diachronic Shifts in Mobility and Toolstone Procurement in Oregon’s Warner Valley
8:15 Sara Davis—Prehistoric Habitation Features in South-Central Oregon
8:30 Mark Giambastiani—Right in Thomas’ Backyard: Prehistoric Archaeology of the Northern Monitor Range, Central Nevada
8:45 Ruth Jolie, Edward Jolie, Daniel Mullins, Jennifer Degraffenried, and Nate Nelson—Loom Weaving in the Ancient Great Basin?
9:00 Amy Nelson, Patrick O’Grady, and Mike Rondeau—A Survey of Clovis Technology in the Great Basin
9:15 Bethany Mathews—Spatial Analysis of the Western Pluvial Lakes Tradition in
the Southern Columbia Plateau and Northern Great Basin of North America

9:30
John Dorwin—Kalispel Foraging Practices and Optimizing Foraging Theory

9:45
A. Dudley Gardner and William Gardner—A Look at the Transition from the Formative Period to the Protohistoric Period in the Upper Colorado River Drainage Basin

10:00
Robert Sappington and Laura Longstaff—Recent Investigations at the Kelly Forks Work Center Site, North Central Idaho: New Insights into 12,000 Years of Interaction between the Columbia Plateau and the Northwestern Plains

10:15
Suzanne Villeneuve, Brian Hayden, and Desmond Peters Jr.—Prehistoric Sociopolitical Complexity on the Northwest Plateau

[129] SYMPOSIUM ■ THE FAYUM AS AN AGRICULTURAL LANDSCAPE: CLIMATE CHANGE, NEOLITHIC ADOPTION, GRECO-ROMAN ADAPTATION
Room: 303B (HCC)
Time: 8:00 AM - 11:15 AM
Chair: Willeke Wendrich

Participants:
8:00 Annelies Koopman, Henk Kars, Sjoerd Kluiving, Simon Holdaway, and Willeke Wendrich—Late Quaternary Climate Change and Egypt’s Earliest Farmers: Geoarchaeology in the Fayum Basin
8:15 Marcus Thomson and Glen MacDonald—A Critical Review of Holocene Palaeohydrology and Palaeohydroclimatology of the Nile and Eastern Mediterranean
8:30 Rebecca Phillipps—Contextualizing Human Mid-Holocene Mobility Strategies in the Fayum, Egypt
8:45 Simon Holdaway—Mid-Holocene Neolithic Landscape Archaeology of the Northern Fayum, Egypt
9:00 Natasha Phillips—Assessing Variation in Temporal and Spatial Scales of Early to Mid-Holocene Human-Environment Interaction in Northeast Africa
9:15 Josh Emmitt—Investigating Ceramics from the Neolithic Occupation of Kom W, Fayum, Egypt
9:30 Sonali Gupta-Agarwal—Continuity or Change? Transmission of Pottery Skills in Egypt and India to Understand Archaeological Ceramics at Karanis, Egypt
9:45 Angela Susak Pitzer—Glass Recycling in Roman Egypt: pXRF Analysis of Karanis Glass
10:00 Bethany Simpson, Anne Austin, and Katie Simon—Analyzing Three Methods for Digital Preservation of Architectural Data at the Greco-Roman Site of Karanis
10:15 Hans Barnard and Willeke Wendrich—The Problems and Possibilities of Preserving the Mud-Brick Structures of Kananas (Fayum, Egypt)
10:30 Rachel Moy—Traveling the Fayum: Agricultural Landscape and Economy in the Greco-Roman Period
10:45 Simon Holdaway—Discussant
11:00 Q&A

[130] GENERAL SESSION ■ INDIGENOUS SUBSISTENCE ECOCLOGIES: METHODOLOGICAL FRAMEWORKS AND CASE STUDIES
Room: 301B (HCC)
Time: 8:00 AM - 11:15 AM
Chair: Jude Isabella
Participants:

8:00 Jude Isabella—The Reincarnation of Traditional Ecological Research: The Scientific Laboratory
8:15 Jennifer Tobey—Traditional Knowledge, a Relic from the Past or a Tool for the Future?
8:30 Celeste Giordano and Liam Frink—Women’s Work in the Arctic: What Happens between “the Catch” and “the Meal”?
8:45 Brian Dawkins—From the Desert to the Ocean: A Study of Cactus Spine Fishhooks on the Greater California Bight
9:00 Sean Desjardins—Investing in Iñuqaq: Sea-Mammal Caching and Food Security among Thule and Historic Inuit, Foxe Basin, Arctic Canada
9:15 Larissa Smith—Interpreting the Resiliency of Tropical Foragers through 1500 Years of Culture Change
9:30 Robert Sinensky—Chew on This: Risk Management and Resource Procurement Strategies at the Early Agricultural Village of Las Capas
9:45 Mary Prasciunas, William Deaver, and Fred Hunting—Food or Fiber: The Archaeology of Agave Processing in Southern Arizona
10:00 Scott Shira, Loukas Barton, Jeff Rasic and James Jordan—2000 Years of Fishing Technology from the Central Alaska Peninsula
10:15 Diane Hanson—Archaeological Survey Bias in Island Environments: Finding Four Needles in a Haystack
10:30 Kevan Edinborough—Zooarchaeological Investigations of the Antiquity of Ifluupiat Socioterritories on the Seward Peninsula
10:45 Alan Osborn—Poisoning Probiscideans: An Alternative Strategy for Hunting Mammoths and Mastodons during the Younger Dryas
11:00 Roger Colten and Brian Worthington—Archaic Era Subsistence at the Las Obas and Vega del Palmar sites, Cuba

[131] Symposion: Volcanic Activity and Human Ecology – 34 Years Onward
Room: 309 (HCC)
Time: 8:00 AM - 11:30 AM
Chair: Felix Riede

Participants:

8:00 Felix Riede—Discussant
8:15 Stanley Ambrose—Consequences of the Toba Super-Eruption for Human Adaptation and Evolution
8:30 Michael Petraglia—The Toba Super-Eruption: Current State of Knowledge
8:45 Felix Riede—Laacher See Eruption (12920 B.P.) and Societal Change in Late Glacial Northern Europe
9:00 Gerald Oetelaar and Alwynne Beaudoin—The Days of the Dry Snow: Short- and Long-Term Cultural Adaptations to the Mazama Ash Fall on the Northern Plains
9:15 Alwynne Beaudoin and Gerald Oetelaar—Landscape Recovery and Resource Availability Following the Mazama Ashfall on the Northern Great Plains
9:30 Kevan Edinborough—Discussant
9:45 Dustin Keeler, Greg Korosec, Ezra Zubrow, Irina Ponkratova, and Vera Ponomareva—Mid- to Late-Holocene Coastal Adaptations in a Volcanically Active Area on the Northeast Coast of Kamchatka, Russia
10:00 Mark Elson, Michael Ort, and Kirk Anderson—A Tale of Two Volcanoes: Human Response to Eruptions in the Southwest United States
10:15 Richard VanderHoek—The Aniakchak Hypothesis: Considering the Ecological and Cultural Effects of Distal Volcanic Products on the Ancient North American Arctic and Subarctic
10:30 Claus Siebe—Late Pleistocene/Holocene Plinian Eruptions of Popocatépetl
Volcano (Central Mexico) and Their Catastrophic Impact on the Environment and Human Populations

10:45 Robin Torrence—Coping with Catastrophic Environments: Creative Responses to Volcanic Disasters in Papua New Guinea

11:00 Payson Sheets—Discussant

11:15 Q&A

Room: 316C (HCC)
Time: 8:00 AM - 11:30 AM
Chairs: Katharina Schreiber and Tamara Bray

Participants:
8:00 Katharina Schreiber—Wari and the Middle Horizon: Research and Changing Paradigms over the Past Four Decades
8:15 Tamara Bray and Anita Cook—Commensal Politics in the Andes: A Comparison of Wari and Inca State Ceramic Assemblages
8:30 Patricia Knobloch—Envisioning an Empire: From Ecstatic Huarpas to Divine Wari Overlords
8:45 Emily Stovel—Data Counterpoint: Comparing Chemical Profiles of Tiwanaku Vessels
9:00 Jo Burkholder—Oval Structures and Wari D-shaped Temples: What Is the Relationship?
9:15 Tiffiny Tung—The Wari Empire: What We Have Learned from Bioarchaeological Analysis of Wari Skeletons
9:30 William Whitehead—Paleoethnobotany in the Middle Horizon – A Review and Look Forward
9:45 Dennis Ogden—New Perspectives on Prehispanic Empires in the Andes
10:00 Justin Jennings—Wari: A Failed Empire?
10:15 Alexei Vranich—Empheral Monumentality
10:30 Sergio Chavez—Sacred Continuities, from Yaya-Mama to Tiahuanaco on the Copacabana Peninsula
10:45 Krzysztof Makowski—Staff Winged Gods and Noble Ancestors of the Wari Empire’s Lords
11:00 Gary Urton—What Are the Traces of “Administration” in Wari Material Remains?
11:15 William Isbell—Discussant

[133] SYMPOSIUM: HOUSEHOLDS, MARKETS, WORLD-SYSTEMS, AND POLITICAL ECONOMY: ALTERNATIVE PATHWAYS TO COMPLEXITY
Room: 317B (HCC)
Time: 8:00 AM - 12:00 PM
Chairs: Lane Fargher and Verenice Heredia Espinoza

Participants:
8:00 Verenice Heredia Espinoza—The Dynamics of the Corporate-Network Continuum in the Central Valleys of Jalisco during the Postclassic: Comparing Different Scales of Analysis
8:15 Christopher Beekman—Built Space as Political Fields: Community vs. Lineage Strategies in the Tequila Valleys
8:30 Arthur Joyce and Sarah Barber—Alternative Pathways to Power in Formative Oaxaca
8:45 Stephen Kowalewski—It Was the Economy, Stupid
9:00 Lisa LeCount—At the Intersections of Powers: Classic Maya Markets and
Commodities
9:15 Frances Berdan—Commodity Complexes in the Late Postclassic Mesoamerican World System
9:30 Barbara Stark—Economic Growth in Mesoamerica
9:45 Tina Thurston—Rulership, Subjecthood, and Power: Courses of Distributed Governance in Early Northern Europe
10:00 Peter Robertshaw—Collective Action Theory and Those Despotic Bakitara
10:15 Rita Wright—Power Systems in the Indus and Near Eastern States: Testing the Limits of Corporate Political Strategies
10:30 Deborah Winslow—We Shape Our Dwellings, and Afterwards Our Dwellings Shape Us
10:45 Katherine Kanne and Katherine Kanne—Political Ponies: Human-Equine Entanglements in Political Economies, Polity Formation, and Social Inequalities
11:00 Gary Feinman and Linda Nicholas—Framing the Rise and Variability of Past Complex Societies
11:15 Lane Fargher—Bureaucratization in Pre-Modern States: An Historical and Cross-Cultural Study of Strategies and Philosophies
11:30 Timothy Earle—Corporate and Network Strategies, Staple and Wealth Finance, and Primary and Secondary Chiefdom-States
11:45 Richard Blanton—Discussant

SYMPOSIUM THE ARCHAEOLOGY OF NON-LITERAL ISLANDS
Room: 316A (HCC)
Time: 8:30 AM - 11:15 AM
Chairs: Darryl Wilkinson and Dianne Scullin
Participants:
8:30 Heather Atherton—Desert Islands: Frontiers of Isolation in Colonial New Mexico
8:45 John Molenda—Overseas Chinese Islands in the American West
9:00 Ellen Morris—Oases as Desert Islands, as Devil’s Islands, and as Isles of the Blessed
9:15 Petar Cvijovic—Islands of Splendor and Decay: Jewish Ruins in South-Eastern Poland
9:30 Elizabeth Angell—Risk Archipelagos: Islands of Disaster in Urban Turkey
9:45 Easton Anspach—Bounded Earth: A Look at Inka Wa’as
10:00 Dianne Scullin—Islands of Sound in an Ocean of Silence: Acoustics of Moche Performance Spaces
10:15 Darryl Wilkinson—The Estate Archipelago of Tawantinsuyu
10:30 Amara Magloughlin—“Islands of Security,” Islands of Terror: The Walling in of Palestine
10:45 Q&A
11:00 Zoë Crossland—Discussant

SYMPOSIUM FORENSIC ARCHAEOLOGY: A MULTIDISCIPLINARY APPROACH
Room: 324 (HCC)
Time: 8:30 AM - 11:45 AM
Chair: Kimberlee Moran
Participants:
8:30 Martin McAllister, David Griffel, James Moriarty, and Larry Murphy—Archaeological Crime Scene Investigation: Training the Investigative Team
8:45 Robert Janaway—Quality Assurance in UK Forensic Archaeology
9:00 Mike Groen and Roosje de Leeuw—Forensic Archaeology in the Netherlands
9:15 Richard Gould—Looking Back, 10 Years after “the Station” Nightclub Fire, West
Warwick, RI

9:30  James Adovasio—Forensic Sedimentology: Retrospect 2013
9:45  David Griffel, James Moriarty IV, and Martin McAllister—The Chief’s Mound Case: Forensic Archaeology versus Mississippi Site Looters
10:00  Jules Angel—What the Water Gave Me: A Case Study of Bone Recovery from a Fluvial Environment in Clark County, Ohio
10:15  Nicholas Marquez-Grant—Forensic Case Studies from the UK: Archaeological Contributions to the Search, Location, Excavation, and Recording of Clandestine Graves
10:30  Tate Jones, H. Tate Jones and Martin E. McAllister—Specifications, Workflows, and Best Practices for Using 3D Laser Scanners for Forensic Documentation of Archaeological Site Damage
10:45  Pier Matteo Barone, Carlotta Ferrara, Elena Pettinelli, and Adam Fazzari—Forensic Archaeology and Forensic Geophysics: A Very Useful Joint Effort
11:00  Larry Murphy and Linda Scott Cummings—Analytical Techniques for Organic Remains in Submerged Sites: Examples and Potential
11:15  Randi Scott—The Human Side of Forensic Archaeology
11:30  Q&A

[136]  SYMPOSIUM  NOT EVERY MEAL IS A BANQUET: ON THE MULTIVOCALITY OF FOOD
Room:  323C (HCC)
Time:  8:30 AM - 11:45 AM
Chairs: Claudine Vallieres and Guy Duke

Participants:
8:30  Guy Duke—Quotidian Meals and Commensal Rites: Late Moche Culinary Practice in the Jequetepeque Valley, Peru
8:45  Claudine Vallieres—Chez Mollo Kontu: Eating and Hosting in Domestic Contexts at the Ancient Urban Center of Tiwanaku, Bolivia
9:00  Enrique Rodriguez and Wesley Stoner—Cooking for a Change in Colonial Mexico
9:30  Ryan Kennedy—From Agave to Winter Melon: A Paleoethnobotanical Study of the Market Street Chinatown
9:45  Gypsy Price and John Krigbaum—From Fields to Feast: Procurement and Consumption at Mycenae, Greece
10:00  Emma Yasui—Flakes as Tools: Examining Jomon Period Subsistence and Lithic Technology in Hokkaido, Japan
10:15  Geoffrey McCafferty and Sharisse McCafferty—Sacasa Striated Shoe-Pots of Pacific Nicaragua: Function and Meaning
10:30  Go Matsumoto—Eating and Drinking with the Dead: Commensal Hospitality for Integrating People in the Multiethnic Society during the Middle Sicán Period (ca. 900-1100 C.E.)
10:45  Steve Kosiba—A Recipe for Destruction: Food Offerings, Termination Rituals, and the Constitution of Authority during Inka State Formation (Cusco, Peru)
11:00  Peter Whitridge—Animals and the Sensory Envelope of Inuit Lives
11:15  Rosemary Joyce—Discussant
11:30  Q&A

[137]  GENERAL SESSION  ARTIC AND NORTHWEST COAST ARCHAEOLOGY
Room:  311 (HCC)
Time:  8:15 AM - 12:00 AM
Chair: Brian O'Neill

Participants:

8:15 Tiffany Curtis—Dendrochronology on the Kenai Peninsula, Alaska: Dating Historic Structures Using Tree-ring Analysis
8:30 Lucille Harris—Hetarchical as an Organizational Structure in the Complex Hunter-Gatherer Communities of the Mid-Fraser Region, South-Central British Columbia
8:45 Jake Anders—Model Behavior: A study in Upland Alut/Unangan Archaeological Site Modeling
9:00 Jesse Morin—Near-Infrared (NIR) Spectrometry of Stone Celts Reveals Interaction Spheres in Pre-Contact British Columbia, Canada
9:15 Anne Jensen—Chronological Hygiene (It's So Hard to Find It): A View from North Alaska
9:30 Aron Crowell and Wayne Howell—The "First War": Time, Oral Tradition, and Archaeology at a Tlingit Fort in Southeast Alaska
9:45 Genevieve Hill—The Problem with Northwest Coast Wet Sites: An Examination of Emic and Etic Approaches to Wet Site and Wetland Archaeology
10:00 Risa Carlson—New Discoveries and Updates on the Early Holocene Predictive Model Sites in Southern Southeast Alaska
10:15 Trevor Orchard, Daryl Fedje, Jenny Cohen, and Quentin Mackie—Persistent Places on Dynamic Landscapes: Sea Levels and a Pan-Holocene Human Occupation Site in Southern Haida Gwaii, BC
10:30 Quentin Mackie, Jenny Cohen, and Daryl Fedje—Kilgii Gwaay: New Data from a 10,700-Year-Old Water-Saturated Site on the Northwest Coast of North America
10:45 Farid Rahmatullah—Modeling Coastal versus Terrestrial Forager Technological Organization in British Columbia
11:00 Brian O'Neill—In the Shadow of Mt. Mazama: Early Holocene Record in the Upper Umpqua River Basin, Southwest Oregon
11:15 Stéphanie Steelandt, Dominique Marguerie, Najat Bhiry, and Pierre Desrosiers—Identification and Analysis of Charcoals and Woods Found in Paleo and Neo-Eskimos Archaeological Sites in the West Coast of Nunavik (Low-Arctic of Quebec, Canada)
11:30 Fran Seager-Boss, David Yesner, and Daniel Stone—Knik Townsite on the Iditarod Trail
11:45 Robert King—The Iditarod Trail: 100 Years Old and Counting!

[138] SYMPOSIUM ISOTOPE ECOLOGY AND THE RING OF FIRE: BIOARCHAEOLOGY IN THE PACIFIC
Room: 317A (HCC)
Time: 8:45 AM - 11:45 AM
Chairs: Melanie Beasley and Andrew Somerville

Participants:

8:45 Brian Popp—Geochemical and Climate Modeling Evidence for Holocene Aridification in Hawaii
9:00 Jillian Swift—Subsistence and Landscape Transformation on Mangareva through the Lens of Rattus exulans Stable Isotope Data
9:15 Phillip Johnson, Eric Bartelink, Olaf Nehlich, Benjamin Fuller, and Michael Richards—Coastal Settlement Disruption in American Samoa during the Little Climatic Optimum-Little Ice Age: Evidence from Stable Isotopes and Accelerator Mass Spectrometry
9:30 Brianne Phaff and Mike Richards—Spatial Variation of Biologically Available Strontium Isotopes in Fiji: Implications for Prehistoric Fijian Mobility
9:45 Rebecca Kinaston, Hallie Buckley, Stuart Bedford, and Stuart Hawkins—
Palaeodiet, Horticultural Transitions and Animal Husbandry during Lapita and Post-Lapita Periods in Vanuatu (3000-2300 B.P.)

10:00 Andrew Somerville, Andrew Somerville, Margaret Schoeninger, Melanie Martin, and Phillip Walker—Ethnobioarchaeology in the Pacific: Stable Isotope Analysis and Dental Health of the Mulia Dani, Papua, Indonesia

10:15 Nicolette Parr—Diachronic Patterns of Health and Disease in the Naton Beach Burial Complex from Tumon Bay, Guam

10:30 Minoru Yoneda, Yuichi Naito, Takashi Gakuhari, Chiaki Katagiri, and Naomi Doi—Island Adaption on the Rykyu Islands from Pleistocene to Early Holocene

10:45 Kate Britton, Rick Knecht, Ellen McManus, and Mike Richards—Maritime Adaptations and Dietary Variation in Prehistoric Western Alaska: Stable Isotope Analysis of Permafrost-Preserved Human Hair

11:00 Melanie Beasley—Maritime Adaptation in Baja California: Evidence of Oceanic versus Coastal Foraging in the Gulf of California

11:15 Corina Kellner, Kevin Vaughn, Verity Whalen, and Hendrik VanGijseghem—Borderland Migration Patterns during a Time of Environmental and Social Challenges at the Peruvian Nasca Site of Cocahuisco (A.D. 550-750)

11:30 Margaret Schoeninger—Discussant

[139] GENERAL SESSION: CRAFT PRODUCTION, TECHNOLOGY, AND IDENTITY IN THE AMERICAN SOUTHWEST
Room: 325 (HCC)
Time: 9:00 AM - 11:15 AM
Chair: Jill Neitzel

Participants:

9:00 Edward Jolie—Learning, Weaving, and Identity in the Chaco Regional System

9:15 Mary Ownby and Deborah Huntley—Production and Exchange of Polychrome Pottery in the Upper Gila and Mimbres Valleys: Results from Neutron Activation and Petrographic Analyses

9:30 Brunella Santarelli, Christina Bisulca, and Nancy Odegard—Investigation of Basketmaker III Lead Glaze Technology in the Southwest

9:45 Scott Ure—Parowan Valley Potters: Examining Technological Style in Fremont Snake Valley Corrugated Pottery Produced in the Parowan Valley, Utah

10:00 Kevin Brown—The Design and Visibility of Navajo Culture: The Material Expression of Navajo Ideology, Functionality, and Identity

10:15 Erin Gentry—We Are What We Weave: Identity Expressed through Basketmaker II Textiles and Sandals

10:30 Reese Cook—Analyses and Implications of Prehistoric Southwestern Tradeware Pottery from the Mojave Desert and Coastal Areas of California

10:45 Benjamin Bellorado, Laurie Webster, and Thomas Windes—Footsteps of Identity: The Context of Pueblo III Sandal Imagery in the Northern Southwest

11:00 Jill Neitzel—Hair Styles and Identity in the U.S. Southwest

[140] SYMPOSIUM: PATTERNS OF POSTCLASSIC MESOAMERICAN COMMUNITIES
Room: 315 (HCC)
Time: 9:00 AM - 11:45 AM
Chair: Yuko Shiratori

Participants:

9:00 Lisa Overholtzer, Jaime Mata-Míguez, Enrique Rodríguez-Alegria, and Deborah Bolnick—Weaving Tlacamecayotl Temporalities: The “Rope of People,” Household Histories, and Time in Archaeology

9:15 Jamie Forde—The Pueblo Viejo of San Miguel Achiutla, Oaxaca, Mexico: An
Abridged Life History
9:30 Marc Levine, Leslie Cecil, Lane Fargher, and Jamie Forde—Mixteca-Puebla Polychromes, Marketing, and Household Ritual at Tututepec: Integrating INAA and Petrographic Techniques
9:45 Janine Gasco—Settlement and Economy in a Postclassic Rural Community in the Soconusco Region, Chiapas, Mexico
10:00 Elizabeth Paris—Integration and Durability in Postclassic Communities in the Jovel Valley, Chiapas, Mexico
10:15 Thomas Babcock—Uatatlán: The Postclassic Community of the K’iche’ Maya
10:30 Raquel Macario—The Conceptualization of Space at the K’iche’ Capital, Q’umarkaj, Guatemala
10:45 Caleb Kestle, Joel Palka, and Rebecca Deeb—Which Suburb Is This? Heterogeneity in Postclassic Settlements at Lake Mensabak, Chiapas, Mexico
11:00 Yuko Shiratori and Timothy Pugh—Community Patterns of the Late Postclassic Itza Maya at Tayasal, Guatemala
11:15 Jerald Ek—Reconsidering the Mesoamerican Urban Tradition: Maya Cities from the Classic to Postclassic
11:30 Patricia Urban and Edward Schortman—Politics by Design: Performing Power through the Manipulation of Ceramic Designs in the Naco Valley, Northwestern Honduras

[141] SYMPOSIUM WHO ARE THE ANCESTORS? REDEFINING THE CULTURAL SEQUENCE OF HOKKAIDO ISLAND, JAPAN
Room: 323A (HCC)  
Time: 9:15 AM - 10:45 AM  
Chair: Carol Ellick

Participants:
9:30 Ren Iwanami—Chashikotsu B Site: Pursuit of the Origin of Bear Ceremony
9:45 Mayumi Okada—The Current Situation of Archaeological Heritage and Tourism in the World Natural Heritage Shiretoko
10:00 Joe Watkins—Spanning the Oceans: Indigenous Archaeology and Its Role in Indigenous Heritage Issues
10:15 Hirofumi Kato—Discussant
10:30 Takao Sato—Discussant

[142] SYMPOSIUM QUARRIES AND EARLY MINES: SETTLEMENT CONTEXT AND TRANSPORTATION NETWORK RELATIONSHIPS
(Sponsored by The Prehistoric Quarries and Early Mines Interest Group)
Room: 323B (HCC)  
Time: 9:30 AM - 10:30 AM  
Chairs: Juliet Morrow and Peter Mills

Participants:
9:30 Adrian Burke—Discussant
9:45 Lynn Fisher, Susan Harris, Jehanne Affolter, Corina Knipper, and Rainer Schreg—Linking Quarry and Settlement on the Swabian Alb (Southern Germany)
10:00 Mary Beth Trubitt, Anne S. Dowd, and Meeks Etchieson—Multiscalar Analysis of Quarries
10:15 Sarah Stuckey and Juliet Morrow—Sourcing Burlington Formation Chert:
Implications for Long-Distance Procurement and Exchange

[143] Forum  Creating Context in the Classroom

Room: 305A (HCC)
Time: 10:00 AM - 12:00 PM
Moderator: Paula Kay Lazrus

Participants:
Paula Kay Lazrus—Discussant
Saundra Schwartz—Discussant
Kanani Kawika—Discussant

[144] Symposium  Population Mobility in the Hinterland of Maya Cities

Room: 312 (HCC)
Time: 10:00 AM - 12:00 PM
Chair: Charlotte Arnauld

Participants:
10:00 Charlotte Arnauld, Eva Lemonnier, Mélanie Forné, Julien Sion, and Didier Galop—Early to Late Classic Population Mobility in La Joyanca, Northwestern Petén, Guatemala
10:15 Jason Yaeger—Household Archaeology and Population Mobility in the Mopan River Valley, Belize
10:30 Carolyn Freiwald—Urban and Rural Population Movement Patterns during the Late and Terminal Classic in the Belize River Valley
10:45 Nan Gonlin and Kristin Landau—Maya on the Move: Population Mobility during the Classic Period in the Copán Valley, Honduras
11:00 Anne Pyburn—Location, Location, Location: Population Movement and Maya Cities
11:15 Nicholas Dunning, Eric Weaver, Michael Smyth, and David Ortegón—Water Control and Ancient Maya Population Dynamics in the Puuc Hills
11:30 Takeshi Inomata—Discussant
11:45 Robert Drennan—Discussant

[145] Symposium  Late Middle through Terminal Formative Transformations in Oaxaca: Urbanism, Production and Imagery

Room: 316B (HCC)
Time: 10:30 AM - 12:00 PM
Chairs: Jeffrey Blomster, Robert Markens and Cira Martinez Lopez

Participants:
10:30 Robert Markens—Ceramic Imagery and Political Power at Early Monte Albán, Valley of Oaxaca
10:45 Cira Martinez Lopez and Marcus Winter—El ajuar cerámico de la fase Danibaan y los primeros siglos de urbanismo en Oaxaca
11:00 Jeffrey Blomster—Urbanism and Production in the Mixteca Alta: The Yucuita Phase at Etlatongo, Oaxaca, Mexico
11:15 Victor Zapien Lopez, Alma Montiel Angeles, and Marcus Winter—La cerámica de las fases Bicunisa, Goma y Kuak y los orígenes del urbanismo en el Istmo Oaxaqueño
11:30 Jeffrey Brzezinski, Arthur Joyce, Sarah Barber, and Carlo Lucido—Political Centralization and Ceramic Iconography in the Lower Rio Verde Valley
11:45 Carlo Lucido, Sarah Barber, and Arthur Joyce—Pottery, Feasting, and Urbanism in the Lower Rio Verde Valley, Oaxaca
108 Hilton Hawaiian Village (HHV) = Hilton Hawaiian Village  Hawaii Convention Center (HCC) = Hawaii Convention Center
Friday Morning, April 5

[146] SYMPOSIUM ANCIENT GLOBALIZATIONS AND “PEOPLE WITHOUT HISTORY”
Room: 318A (HCC)
Time: 10:30 AM - 12:00 PM
Chairs: Michael Frachetti and Nicole Boivin

Participants:
10:30 Anne Porter—Pastoralism and the Proliferation of the Polity
10:45 Rowan Flad—Prehistoric Globalizing Processes in the Tao River Valley, Gansu, China
11:00 Michael Frachetti—The Inner Workings of the Inner Asian Mountain Corridor and the Archaeology of Highland “Nomads”
11:15 Kathleen Morrison—The Hidden Foundations of European Colonial Expansion in South Asia: Swidden, Foraging, and Their Misrecognitions
11:30 Nicole Boivin—Mobile Societies and Archaic Globalization in the Early Indian Ocean
11:45 Ian Lilley—Subsistence, Middlemen Traders, and Precolonial Globalization in Melanesia

[147] POSTER SESSION METHODOLOGICAL ADVANCES IN MATERIAL CULTURE STUDIES
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 10:30 AM - 12:30 PM

Participants:
147-a Olivier Weller, Alfons Figuls, and Fidel Grandía—La primera explotación minera de sal gema en el mundo: la “Vall Salina” de Cardona (Cataluña, España)
147-b Dana Drake Rosenstein and James K. Feathers—Refining Radiocarbon and Historic Chronologies Using Luminescence Dating: A Case Study from Melora Hill, South Africa
147-c Christopher Shelton—Parameters for Lithic Raw Material Choice: Modeling the Middle Stone Age on the Southern Coast of South Africa
147-d August Costa, Jeff Illingworth, P. Ajithprasad, K. Bhan, and K. Krishnan—New Perishable Traces from Shikarpur, a Classical Harappan Site in Kutch, Western India
147-e Akira Iwase and Yuichi Nakazawa—Use-Wear Analysis of Portable Blade Tools: Organization of Technology among Upper Paleolithic Foragers in Hokkaido, Northern Japan
147-f Patrick Lubinski, Karisa Terry, and Patrick McCutcheon—Are They Real? Distinguishing Flakes from Geofacts at the Wenas Creek Mammoth Site in Washington State
147-g Cara Tremain and Geoffrey McCafferty—Carving Traditions in Central America: Analysis of Pre-Columbian Jade and Greenstone Artifacts
147-h Neil Hauser, James Feathers, and David Sanderson—Dating Exposed Surfaces Using Penetration of OSL Bleaching
147-i Elisabeth Culley—An Experimental Investigation: The Effects of Recovery Methods on Use Wear
147-j Elizabeth McCarthy, Richard Kennedy, Jason Christy, and Alisa Walton—Stones and Bones: A Revisit of the Differentiation of Chert and Obsidian Made Cut Marks

[148] POSTER SESSION LITHIC TECHNOLOGY AND ANALYSIS
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 10:30 AM - 12:30 PM

Participants:
148-a Bryan Dull—Intra-Site Debitage Patterns and Trajectories at the Collier Lodge
Site (12 PR 36), Porter County, Indiana

148-b  Christopher Noll and John Kannady—A Geospatial Model of the Relationship between Chippable Stone Quarries and Workshop Locations in the Northwestern United States

148-c  Heather Hansen and Patrick McCutcheon—Evaluating Lithic Technology and Function over the Last 5,000 Years at the Sunrise Ridge Borrow Pit Site, Mount Rainier, Washington

148-d  Mark Estes, Geoffrey Cunnar, Jay L. Johnson, and Edward J. Stoner—A Prehistoric Knapping Station from the Fire Creek Archaeological District, Lander County, Nevada

148-e  Jacob Polloock, Ashley Grimes, and Lisa Benson—Exploring Lithic Assemblages in the Uinta-Wasatch-Cache National Forest

148-f  Lukas Trout—Analysis of an Alpine Lithic Assemblage; Flaked and Ground Stone in Wyoming’s High Rise Village

148-h  Matthew Douglass and Sam Lin—Local Lithic Source Utilization Patterns in the Ogala National Grasslands, Northwest Nebraska

148-i  Ismael Sanchez, Guadalupe Sanchez, and Michael Brack—Paleoindian Lithic Industry of Fin del Mundo Site, Sonora, Mexico

148-j  John Wagner—Teuchitlán: Changing Lithic Technology Strategies through a West Mexico Diaspora

148-k  Louis Fortin and Susan DeFrance—Maritime Adaptations and a Paleo-Indian Lithic Assemblage at Quebrada Tacahuy

148-l  Juan Belardi, Gisela Cassiodoro, Rafael Goñi, Michael Glasscock, and Alejandro Súnico—Limolites from Southern Patagonia (Argentina): Their Source and Archaeological Artifact Distributions

148-m  William Willis—Geochemical Comparison of Lithic Assemblages from Different Geographic Localities in Virginia

148-n  Alia Gurtov and Metin I. Eren—An Experimental Examination of Lower Paleolithic Toolstone Constraints at Olduvai Gorge, Tanzania: Quartz, Basalt, and Bipolar Reduction

Participants:
149-a  Terrah Jones, Carly Evelyn Olenick, Lorena Becerra Valdivia, and Patricia A. Arteaga—Digging for Data from Backdirt: A South American Case Study

149-b  Nicholas Ames, Hanna Huynh, Alan Farahani, and Benjamin Porter—Heavy-Fraction Microdebitage Enhance the Interpretation of Cultural Practices in Middle Islamic West-central Jordan

149-c  Christina Pugh, Daniel Pugh, and Zachary Cofran—Nazarbayev University Laboratory of Anthropological Sciences: New Resources for Steppe Archaeology

149-d  Brandon Buck—Geochemical Analysis of Unfired and Fired Clay Collected from Virginia River drainages

149-e  David Massey—Unmanned Aerial Vehicles for Archaeological Surveying

149-f  Daniel Riegel—A Study of Ceramics from Prehistoric Native American Sites and Geochemical Composition

Participants:
150-a  Alia Gurtov and Metin I. Eren—An Experimental Examination of Lower Paleolithic Toolstone Constraints at Olduvai Gorge, Tanzania: Quartz, Basalt, and Bipolar Reduction

Participants:
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 10:30 AM - 12:30 PM
Chairs: William Andrefsky, Jacob Adams, and Philip Fisher

Participants:
150-a Jacob Adams, Philip Fisher, and William Andrefsky Jr.—An Experimental Study of Human Cores Compared to Geo-Cores
150-b Philip Fisher, Jacob Adams, William Andrefsky Jr., and Scott Carpenter—An Experimental Examination of Human Transport Wear Compared to Post-Depositional Process on Obsidian Bifaces
150-c Ben Marwick, Elspeth Hayes, and Chris Clarkson—An Experimental Study of Trampling at Malakunanja II, Northern Australia: Implications for the Timing of the Human Colonization of Australia
150-d Tyler Retherford and William Andrefsky Jr.—Distinguishing between Debitage Caused by Natural Impact and Intentional Human Activity
150-f Oliver Macgregor and Alex Mackay—Distinguishing Artefacts from Naturally Flaked Mimics, Using Flake Scar Size
150-g Joseph Keeney and Jeffrey Rasic—GIS Analysis of Flake Scar Patterning Applied to a Geofact-Artifact Conundrum from Sedna Creek, Arctic Alaska

[151] SYMPOSIUM ■ BOTH MEAT AND MEANING
Room: 303A (HCC)
Time: 10:45 AM - 12:00 PM
Chairs: Jean Hudson, Ralph Koziarski, and Emily Epstein

Participants:
10:45 Jean Hudson—Valuable Animals: Perspectives from the Peruvian Coast
11:00 Matthew O’Brien—Identifying Leadership for Communal Hunting Episodes at the Eden Farson Site
11:15 Tanya Peres and Heidi Altman—From Ahwi to Anikahwi: Deer in Subsistence and Social Structure
11:30 Ralph Koziarski—A Feast for the Spirit: The Dual Role of Bears and Canines in Meskwaki Society
11:45 Nerissa Russell—Discussant

[152] SYMPOSIUM ■ COLLABORATIVE ARCHAEOLOGY AND PRIVATE INDUSTRY: MOVING BEYOND SECTION 106
Room: 314 (HCC)
Time: 10:45 AM - 12:00 PM
Chairs: Mark Sanders and Ronald Maldonado

Participants:
10:45 Thomas Witt and Kathleen Corbett—That Old Gold Mine Is Sitting on a Gold Mine: Preserving History in the Face of Active Industry
11:00 Rand Greubel and Kimberly Redman—Pipeline Archaeology for the Public: Why It’s Good for Everybody
11:15 Cheryl Eamick—Sustainable Preservation through Building Relationships
11:30 Yolanda Benally-Littletree—Collaborative Archaeology and Private Industry: Moving Beyond Section 106
11:45 Jerry Fetterman—Discussant

[153] GENERAL SESSION ■ THEORETICAL AND METHODOLOGICAL PERSPECTIVES IN
ARCHAEOLOGY
Room: 306B (HCC)
Time: 11:00 AM - 12:00 PM
Chair: Kathryn MacFarland

Participants:
11:00 Charles Boyd and Donna Boyd—The Scales of Archaeological Theory
11:15 Adrianne Daggett—Early Iron Age Economy at Thaba di Masego, Botswana
11:30 Gregory Burns—Models for Evolution of Money in Simple Societies
11:45 Kathryn MacFarland—The Anthropology of Unconventional Ideas

GENERAL SESSION EARLY FARMING COMMUNITIES IN EAST AND SOUTHEAST ASIA
Room: 323B (HCC)
Time: 11:00 AM - 12:00 PM
Chair: Michelle Eusebio

Participants:
11:00 Andrew Womack—Detecting Degradation in Archaeological Sites Using Satellite Remote Sensing: A Case Study on the Chengdu Plain, Sichuan, China
11:15 Nattha Chuenwattana, Gillian Thompson, and Joyce White—Preliminary Archaeobotanical Results from Four Cave sites in Laos
11:30 Michelle Eusebio, Jasminda Ceron, Stephen Acabado, and John Krigbaum—Rice Pots or Not? Exploring Ancient Ifugao Foodways through Organic Residue Analysis and Archaeobotany
11:45 Geok Yian Goh—Potting a Timeline for Archaeological Sites in Myanmar

GENERAL SESSION LITHIC ANALYSIS
Room: 319A (HCC)
Time: 11:00 AM - 12:00 PM
Chair: Jaclyn Nadeau

Participants:
11:00 Birgitta Stephenson—The Clarity of Staining – The Application of Biochemical Staining to Differentiate Archaeological Residues
11:15 Shannon McPherron, David Braun, Tamara Dogandžic, Dawit Desta, and Will Archer—Modeling Trampling Damage on Flakes: An Experimental Approach to Substrate Size, Raw Material Type, Edge Angle, and Contact Face
11:30 Tamara Dogandžic, Shannon McPherron, and David Braun—Estimating Blank Edge Length and Surface Area: A Comparison of Methods Using Digitized Images
11:45 Jaclyn Nadeau—Research, Museum Collections, and Cultural Resource Management

SYMPOSIUM MOBILE COMPUTING IN THE FIELD
Room: 301A (HCC)
Time: 11:15 AM - 12:00 PM
Chair: Morley Eldridge

Participants:
11:15 Morley Eldridge—Tablet Computers in an Excavation
11:30 Alyssa Parker—Challenges and Opportunities for Analysis of 3D Point Cloud Data
11:45 Roger Eldridge—Use of Barcodes in Field Survey and Laboratory
Friday Afternoon ■ April 05, 2013

Room: 305A (HCC)
Time: 1:00 PM - 2:15 PM
Chair: Benjamin Mutin

Participants:
1:00 Christopher Thornton, Kyle Olson, and Narges Bayani—The Bronze Age of Northeastern Iran – View from the Frontier
1:15 Benjamin Mutin—Revisiting Contacts across the Hindu Kush in the Bronze Age
1:30 Holly Pittman—The Bronze Age of Exchange on the Iranian Plateau
1:45 Marta Sobur—Karl Polanyi's “Ports-of-Trade” and Their Manifestations during the Bronze Age across the Arabian Peninsula.
2:00 C Lamberg-Karlovsky—Discussant

[158] GENERAL SESSION ▶ GRAVE UNDERTAKINGS: ARCHAEOLOGICAL PERSPECTIVES ON HISTORIC CEMETERIES
Room: 309 (HCC)
Time: 1:00 PM - 2:15 PM
Chair: Jonathan Scholnick

Participants:
1:00 Sarah Patterson—Using Grave Markers to Identify Trends in Immigration
1:30 Jacquelyn Bluma and Alexis Jordan—An In-depth Comparison of Immigrant Life Expectancies from German Lutheran Cemeteries in Southeastern Wisconsin
1:45 Teddi Setzer and Susan Ward—Damaged Histories and the Bioarchaeology of a Late 19th Century Family Mausoleum at Oak Hill Cemetery, Pontiac, MI
2:00 Tareq Ramadan and Teddi J. Setzer—The Beautification of Death: An Example from a Late 19th Century Mausoleum in Pontiac, Michigan

[159] SYMPOSIUM ▶ ASPECTOS RECENTES SOBRE LA TUMBA 7 DE MONTE ALBÁN
Room: 319A (HCC)
Time: 1:00 PM - 2:30 PM
Chair: Nelly Robles Garcia

Participants:
1:00 Nelly Robles Garcia—Revisitando la Tumba 7 de Monte Albán: nuevas miradas interdisciplinarias
1:15 Irma Cazares—Pesquisas descubiertas, a propósito de la Tumba 7
1:30 Noreen Tuross, Sergio Lopez, Richard Waldauer, and Nelly Robles Garcia—The Antiquity, Subsistence, and Home Range of the People Placed in Tomb 7 at Monte Albán
1:45 Angel Rivera—Una nueva mirada a la iconografía zapoteca clásica de la Tumba 7
2:00 Dante Garcia—La cerámica tardía de Monte Albán en la relación mixteco-zapoteca del Valle de Oaxaca
2:15 Patricia Plunket—Discussant

[160] GENERAL SESSION | NOVEL APPROACHES TO UNDERSTANDING SOCIAL ORGANIZATION IN ANCIENT MESOAMERICA
Room: 323B (HCC)
Time: 1:00 PM - 2:15 PM
Chair: Melissa Burham

Participants:
1:00 Diana Zaragoza—Dzipac the Primordial God in the Huastec Region. A Study through Ceramic Representations
1:15 Patricio Davila Cabrera—Reflexiones sobre la cuestión arqueológica de la región huasteca
1:30 Leticia Vargas, Victor Castillo, and Cristian Hernandez—Los objetos de concha de Ukit Kan Lek Tok', Rey de Ek' Balam
1:45 Catherine Johns—What Ceramics Can Tell Us: Assemblages Indicating Activities in the Teuchitlan Culture’s Guachimontones
2:00 Melissa Burham—Social Complexity on the Periphery: The Implications of Ceibal’s Very Minor Centers

[161] FORUM | RE-CONNECTING THE PAST: THE FUTURE OF SOCIAL NETWORK ANALYSIS IN ARCHAEOLOGY
Room: 318A (HCC)
Time: 1:00 PM - 3:00 PM
Moderator: Angus Mol

Participants:
Mark Golitko—Discussant
John Terrell—Discussant
Tom Brughmans—Discussant
Barbara Mills—Discussant
Tim Kohler—Discussant
Shawn Graham—Discussant
Koji Mizoguchi—Discussant

[162] GENERAL SESSION | ARCHAEOLOGY OF THE MIDDLE EAST AND THE LEVANT
Room: 306B (HCC)
Time: 1:00 PM - 2:45 PM
Chair: Arlene Rosen

Participants:
1:00 Arlene Rosen, Ella Reiczyk, and Steve Rosen—Paleoecology of Early Pastoralism in the Negev: Phytolith Tales from the Dung
1:15 Robert Power, Arlene Rosen, and Dani Nadel—Phytolith Analysis of Late Natufian Site at Raqefet Cave in Mount Carmel, Israel
1:30 Emma Humphrey—Eating in the Kebaran: Inter-site Variability in Prey Exploitation during the Early Levantine Epipaleolithic
1:45 Eduard Reinhardt and Joseph Boyce—Tsunamigenic Destruction of Herod the Great’s Harbor at Caesarea, Israel – New Evidence
2:00 Kelsey Clardy and Miriam Belmaker—Development of a Paleoclimatic Predictive Model Based on Gazella gazella Mesowear of the Last Glacial in the Levant
2:15 Michael Bisson, April Nowell, Carlos Cordova, Melanie Poupart, and Christopher Ames—Dissecting a Lower and Middle Paleolithic Palimpsest on the Madaba Plateau, Jordan
2:30 Michal Birkenfeld and A. Nigel Goring-Morris—A Multi-Scale Approach to Pre-Pottery Neolithic Settlement Systems in the Lower Galilee, Israel

[163] SYMPOSIUM: OUR LAND IS GIRT BY SEA: ROCK ART, SEASCAPES, AND INSCRIBED MEANINGS
(Sponsored by Rock Art Interest Group)
Room: 301B (HCC)
Time: 1:00 PM - 3:30 PM
Chairs: Josephine McDonald and Paul Taçon

Participants:
1:00 Joakim Goldhahn—Bronze Age Rock Art and Seascape in the Eastern Baltic Sea, Northern Europe
1:15 Alice Tratebas—Comparison of Rock Art Themes between Siberia and North America
1:30 Paul Taçon—Boats, Dogs, and Rock Art: Evidence of a Pre-Neolithic Maritime Tradition in Greater Southeast Asia
1:45 Meredith Wilson—Markers of Mortality: Exploring Spatial Patterning in the Rock Art of Vanuatu
2:00 Sally May and Paul Taçon—Taken for Granted? Comparing the Depiction of Southeast Asian and European Watercraft in the Rock Art of Northern Australia
2:15 Alistair Paterson—Cruel Seas: Depictions of Maritime Activities and Rock Art as Evidence for Coastal and Island Use in the Colonial Period, Northwestern Australia
2:30 Peter Veth and Jo McDonald—Murujuga: Rock Art and the Deep-Time Chronology of Island Formation and Emergence of Maritime Societies
2:45 Josephine McDonald—Oh! I Do Like to Be Beside the Seaside…: Reflections on Landscape Use in the Coastal Zone of the Sydney Region
3:00 Ian McNiven—Discussant
3:15 Q&A

[164] SYMPOSIUM: FINDING SOLUTIONS FOR PROTECTING AND SHARING ARCHAEOLOGICAL HERITAGE RESOURCES
Room: 317B (HCC)
Time: 1:00 PM - 3:45 PM
Chairs: Anne Underhill and Lucy Salazar

Participants:
1:00 Alan Carpenter—Why Nu’alolo Kai? Archaeological Stewardship and Cultural Revitalization on Kaua’i’s Remote Napali Coast, Hawaiian Islands
1:15 Jo Anne Van Tilburg and Cristián Arévalo Pakarati—Seeking Solutions: An Archaeological Approach to Conservation of a Threatened Heritage on Easter Island (Rapa Nui)
1:30 Hui Fang and Bo Yang—Cultural Heritage Education in China
1:45 Chiharu Abe—Strategies of Cultural Heritage Management in Hokkaido, Northern Japan
2:00 John Darnell—The Protection and Sharing of Sites in the Egyptian Western Desert
2:15 Roderick McIntosh—A Success too Sweet: Who Sheds Tears When Looting Ends
2:30 Lawrence Coben—Sustainable Preservation: Utilizing Community-Based Economic Development and Entrepreneurship to Save Sites
2:45 Santiago Uceda—Huacas del Sol y de la Luna Project: Inclusion of Local and Regional Social Development
3:00 Yuji Seki—The Archaeological Heritage Management and the Participation of the Local Community in the North Highlands of Peru
3:15 Lucy Salazar and Richard Burger—The Machu Picchu Solution: A New Model for Cultural Patrimony Disputes
3:30 Q&A

[165] SYMPOSIUM ■ COLLABORATIVE RESEARCH IN THE PACIFIC BASIN AND BEYOND: RE-SHAPING ARCHAEOLOGICAL PRACTICE TO PROVIDE SPACE FOR COMMUNITIES
Room: 316B (HCC)
Time: 1:00 PM - 4:00 PM
Chairs: Patricia McAnany and Sarah Rowe
Participants:
1:00 Des Kahotea and Caroline Phillips—Maori iwi, Hapu, and Archaeology Research Collaboration?
1:15 David Guilfoyle, Myles Mitchell, and Ron “Doc” Reynolds—Sustainable Indigenous Heritage Management and the Role of Archaeology: A Working Model and Case Study from Western Australia
1:30 Stephen Acabado and Marlon Martin—Lessons from the 2012 Field Season of the Ifugao Archaeological Project
1:45 Adolfo Batun-Alpuche—Beyond Modern Maya Campesinos Collaborative Archaeology: Giving the Tools of Archaeological interpretation to Maya University Students
2:00 Brent Woodfill—Collaborative Archaeology and Community Development at Salinas de los Nueve Cerros, Guatemala
2:15 Sarah Rowe and Patricia McAnany—Building Bridges toward Effective Collaboration: The Entanglement of Archaeological Praxis with Local Knowledge
2:30 Brian Billman and Jesus Briceño Rosario—Patrimonio y comunidad en Perú: Archaeology as Social Engagement
2:45 Ronald Lippi and Alejandra Gudiño—Collaborative Archaeology in Northwestern Ecuador: Yumbos, Tsachilas, Mestizos, and Other Stakeholders
3:00 Dominic Walker—Toward a Decentered Archaeology; Archaeology Museums and Online Publics
3:15 Lee Rains Clauss—Discussant
3:30 Tom Dillehay—Discussant
3:45 Q&A

[166] SYMPOSIUM ■ 2013 FRYXELL SYMPOSIUM: PAPERS IN HONOR OF ANTHONY F. AVENI
(Sponsored by Fryxell Award Committee)
Room: 315 (HCC)
Time: 1:00 PM - 4:15 PM
Chair: Anne S. Dowd
Participants:
1:00 Ethan Cole—Thinking Big with Aveni
1:15 David Carballo, Luis Barba, Agustín Ortiz, and Jorge Blancas—Mapping the Northeastern Tlajinga Barrio at Teotihuacan
1:30 Johanna Broda—The Comparative Study of Indigenous Calendar Festivals and Astronomical Dates: Mesoamerica and the Andes
1:45 Benjamin Vining—“Persistent Places”: Long-term Occupations in the Southern Peruvian Highlands and Their Role in Cultural Landscape Formation
2:00 Kristin Landau—Spatial Logic and Maya Site Planning: The Case for Cosmology
2:15 Maria-Cristina Pineda De Carias, Nohemy Rivera, and Cristina Argueta —
Stela D: Sundial of Copán, Honduras
2:30 Juan Ignacio Cases—A Sky of Jewels: Cosmographic Elements in the Context of Classic Maya Lunar Series
2:45 John Justeson—The Relationship of Eclipse Doublets to the Eclipse Stations of the Dresden Codex
3:00 Susan Milbrath—Evidence for Astro-Agronomy among the Ancient Maya
3:15 Wendy Ashmore—Discussant
3:30 Gary Urton—Discussant
3:45 Anthony Aveni—Discussant
4:00 Q&A

[167] **Symposium: Seas of Permutation: Global Perspectives on the Archaeology of Islands**
*(Sponsored by Journal of Island and Coastal Archaeology)*
**Room:** 311 (HCC)
**Time:** 1:00 PM - 4:45 PM
**Chair:** Scott Fitzpatrick

**Participants:**
1:00 Richard Callaghan—Changing Perceptions of Paths of Migration and Interaction in Caribbean Prehistory
1:15 Cyprian Broodbank—Did Islands Make Much Difference to World Prehistory? Perspectives from the Mediterranean
1:30 Hiroto Takamiya—The Islands of Okinawa Where Hunter-Gatherers Once Throve
1:45 Victor Thompson and Thomas Pluckhahn—Engineering Islands and Island Engineers: The Social and Technological Implications of Anthropogenic Landforms along Crystal River
2:00 Sue O’Connor—Pleistocene Maritime Societies in Island Southeast Asia
2:15 Madonna Moss, Susan Karl, and James Baichtal—Obsidian in Southeast Alaska and British Columbia: Travel, Trade, and Exchange, or Geochemical Overlap?
2:30 Jago Cooper—Insular Climatology in Island Archaeology: Comparative Perspectives from the Pacific and Caribbean
2:45 Terry Hunt and Carl Lipo—The Remoteness of Rapa Nui
3:00 William Keegan—The Chaos of Caribbean Island Colonization in Biogeographical Perspective
3:15 John Terrell and Mark Golitko—Prehistory in the Pacific Islands: The Possible and the Actual
3:30 Ben Fitzhugh—Promises and Perils of Social Networks for Relatively Insular Populations
3:45 Patrick Kirch—Vulnerability and Resilience in Island Socio-Natural Systems
4:00 John Cherry—Aegean and Caribbean Island Archaeologies: Problems and Opportunities for Comparative Analysis
4:15 Jon Erlandson—On the Marginality of Islands
4:30 Emily Peterson and Peter Lape—Beyond the Beach: Exploring Connectedness and Isolation in Island Southeast Asia

[168] **Symposium: Lessons Learned: Reflections on the Benefits, Challenges, and Responsibilities of Collection-Based Research**
*(Sponsored by SAA Committee on Museums, Collections and Curation)*
**Room:** 318B (HCC)
**Time:** 1:00 PM - 4:45 PM
**Chairs:** HB Thakar and Jeffrey Rasic
Participants:
1:00 Lisa Janz—Why Excavation and Survey Are Inadequate When Existing Collections Are Ignored: A Case Study from the Gobi Desert
1:15 Catherine Frieman—A Very Remote Storage Box Indeed… The perils and Rewards of Revisiting Old Collections
1:30 Vivian Scheinsohn, Paula Miranda, María José Fernández, Agnolin Agustín, and Carpio Mariela—An Argentinean Metarchaeology: Lessons Learned from an anthropological/archaeological Collection
1:45 Daniela Klokler—From Recovery to Discovery: Analysis of the Faunal Collection from Cabeçuda Shellmound
2:00 Shankari Patel—New Directions Courtesy of an Old Collection: Pilgrimage, Gender, and the Nepean Collection from Isla de Sacrificios, Mexico
2:15 Karimah Kennedy Richardson—Lessons Learned for Collections Management: What Has Been Learned about the Untouched Archaeological Collection of a 100-Year-Old Institution
2:30 Jonathan Driver—Zooarchaeological Potential of Curated Bone Artifacts from Pueblo Bonito, New Mexico
2:45 Emily Lena Jones—Faunal Collections and Subsistence Transitions in the Protohistoric Southwest: Lessons Learned from Fruitland and Picuris
3:00 Tim Riley—Ancient Starchways in Museum Collections: An Investigation of Fremont Subsistence through the Microresidues Curated in the USU Eastern Prehistoric Museum
3:15 Jeffrey Rasic—The Post-Excavation Use-Lives of Fluted Projectile Points from Northwestern North America
3:30 Stephan Heidenreich—Over the Pond, to the Lab, and Modeled into the Landscape – Lessons Learned from an Overseas Study of Beringian Museum Collections in Alaska
3:45 Fawn Carter and Christopher Houlette—Revisiting Kukulik: A Languishing Collection Meets Modern Methodology
4:00 Michael Polk—Seeking Storage Where None Seems to Exist
4:15 Julie Stein—Discussant
4:30 Daniel Odess—Discussant

[169] SYMPOSIUM ■ SHIFTING ARCHAEOLOGICAL BORDERS AND BOUNDARIES: DECOLONIZING HISTORY AND ACADEMIA
Room: 323C (HCC)
Time: 1:00 PM - 4:45 PM
Chair: Paulette Steeves

Participants:
1:00 Timothy Wilcox—Challenging Imposed Boundaries: A Decolonization of Dine’ History
1:15 Fanya Becks—More Than Residing
1:30 Nicholas Laluk—Traces of the Past, and Paths to the Future: Fostering Collaboration in Land Management
1:45 Natalia Martinez Taguena—Comcác Archaeology: The Ethnography of Collaboration and Historical Data Integration
2:00 Ty Tengan—Toward an ‘Aina Anthropology: Reflections from the University of Hawai‘i
2:15 Peter Nelson and Sara Gonzalez—Decolonizing the Ranks: Learning Field Methodology with and from Descendant Communities
2:30 Lucía Martín, Liana Staci Hesler, and Andrew Gourd—Success and Challenge: A Survey of Tribal Historic Preservation Offices within Oklahoma
2:45 Davina Two Bears—Colonizing Spaces of Forced Assimilation and Relocation in
the Old Leupp Boarding School Historic Site

3:00 Sonya Atalay and Shannon Martin—Methodological Considerations in Community-Based Archaeology: Participatory Planning and Knowledge Mobilization

3:15 Dorothy Lippert—Is Repatriation a Decolonized Process?


3:45 Paulette Steeves—Rebuilding Bridges to the Indigenous Past

4:00 Virginia Steen-McIntyre—El Horno: A Mid-Pleistocene Mastodon Butcher Site from the Valsequillo Reservoir Area, Puebla, Mexico

4:15 Larry Zimmerman—Discussant

4:30 Q&A

[170] SYMPOSIUM THE COAST IS CLEAR: PAPERS IN HONOR OF KENNETH M. AMES
Room: 316C (HCC)
Time: 1:00 PM - 5:00 PM
Chairs: Colin Grier and Andrew Martindale

Participants:
1:00 Colin Grier—Research over the Longue Durée: 15 Years of Amesian Archaeology in the Southern Gulf Islands of British Columbia
1:15 Kelly Derr—Shifting Landscapes – Emergent Hunter-Gatherer Social Complexity and Landscape Management in the Gulf of Georgia
1:30 Erin Smith and Colin Grier—Thinking By Boat: Developing a Phenomenology of Seascapes for the Coast Salish World
1:45 Adam Rorabaugh—Toolstone as a Secondary Resource: An Investigation of Material Quality, Access, and Ownership over 5,000 Years in the Salish Sea
2:00 Brian Kemp, Cara Monroe, and Colin Grier—A Tale of Two Villages: Ancient DNA Reconstruction of Salmon Fisheries at a Marpole and Late Period Village at the Dionisio Point Locality, Southwestern British Columbia
2:15 Terence Clark and Gary Coupland—Exploring the Lives of the Ancient Chiefs: Recent Research at an Elite Charles-Age (5500-3500 B.P.) Cemetery
2:30 Bryn Letham and David Bilton—Settlement History and the Cultural Landscape of Shishalh Territory, Northern Salish Sea
2:45 R. Matson—The Evolution of Northwest Coast Houses and Villages
3:00 Gary Coupland—Northwest Coast Household Archaeology: Twenty-Five Years on Down the Trail
3:15 Andrew Martindale—Quantification of Village Patterns in Tsimshian Territory
3:30 Kisha Supernant—From Visualization to Analysis: Maps, Whiz-Bangs, and the Importance of GIS for the Archaeology of Shell Middens on the Northwest Coast
3:45 Junko Habu—Food Diversity and Long-term Sustainability: Lessons from Prehistoric Japan
4:00 Herbert Maschner—Discussant
4:15 Virginia Butler—Discussant
4:30 Kenneth Ames—Discussant
4:45 Q&A

[171] SYMPOSIUM PRECLASSIC MAYA HOUSEHOLDS
Room: 312 (HCC)
Time: 1:00 PM - 5:00 PM
Chairs: Brigitte Kovacevich and Michael Callaghan

Participants:
1:00 Brigitte Kovacevich and Michael Callaghan—Preclassic Maya Household
Archeology at Holtun, Guatemala
1:15 Daniela Triadan and Takeshi Inomata—Continuity and Change in the Formation of Preclassic Domestic Space at Ceibal, Guatemala
1:30 Astrid Runggaldier—Invisible Cities: The Buried, Dismantled, and Non-Mounded Maya Residences of Preclassic San Bartolo, Guatemala
1:45 James Doyle—Laguna-Front Property on the Lower East Side: An Elite Preclassic Residential Platform at El Palmar, Petén, Guatemala
2:00 Santiago Juarez—Preclassic Maya Commoners: Pioneers in the Rise of Civilization
2:15 Rosemary Joyce and John Henderson—The Early Household as Historical Process: Lessons from Puerto Escondido and Los Naranjos, Honduras
2:30 Jessica Munson—Social and Material Transformations in an Early Maya Community: Changing Views from Caobal, Petén, Guatemala
2:45 Cynthia Robin—Preclassic Maya Households at Chan, Belize
3:00 Justin Lowry—Preclassic Houses: A Study of House Form and Function in the Late Preclassic at Xuenkal
3:15 Sherman Horn, Terry Powis, and Jaime Awe—It Takes More Than a Village: Households, Socioeconomic Networks, and Social Development in the Middle Preclassic Belize Valley
3:30 Jeremy Bauer—In the Shadows of the Gods: Correlating E-Groups and Households through Time and Space
3:45 Mario Borroto and Michael Love—Domestic Obsidian Production and Consumption at the Middle Preclassic Site of La Blanca, San Marcos, Guatemala
4:00 M. Kathryn Brown—Middle Preclassic Ritual: A View from the Belize River Valley
4:15 George Bey and Rossana May Ciau—The Preclassic and the Rise of Social Complexity in the Bolonchen District of Yucatan
4:30 Kathryn Reese-Taylor—Discussant
4:45 Julia Hendon—Discussant

[172] Symposium - Small Samples, Big Questions: New Methods and Applications in Biomolecular Archaeology
Room: 303A (HCC)
Time: 1:00 PM - 5:00 PM
Chairs: Amanda Henry, Courtney Hofman, and Christina Warinner

Participants:
1:00 Courtney Hofman, Torben Rick, Paul Collins, Jon Erlandson, and Jesus Maldonado—Archaeogenomics and Ancient Animal Translocations on California’s Channel Islands
1:15 Camilla Speller, Lorenz Hauser, Dana Lepofsky, and Dongya Yang—Using DNA from Ancient Herring Bones to Inform Modern Fisheries Management and Conservation
1:30 Logan Kistler, Lee A. Newsom, Bruce D. Smith, and Beth Shapiro—Bottle Gourds in the Americas: New Ancient DNA Evidence Points to African Origins and Independent Domestication
1:45 Christina Warinner—Paleopathology and Paleodiet in the Era of Metagenomics
2:00 Kirsten Bos and Johannes Krause—Ancient Pathogen DNA: Protocols, Progress, and Possibilities
2:15 Hannah Koon—Sea Sick: Development of a Proteomic Biomarker for Scurvy in the Bone Collagen of Early Seafarers
2:30 Karen Hardy, Stephen Buckley, Matthew Collins, Anita Radini, and Yvette Hancock—Not Only Starches: A Multidisciplinary Approach to the Study of Neanderthal Dental Calculus
2:45  Q&A
3:00  Anita Radini, Y. Hancock, Efthymia Nikita, Allan Hall, and Karen Hardy—The Challenge of the "Invisible Environment": Micro-Debris in Human Dental Calculus as a New Line of Evidence for Medieval Urban Leicester (UK)
3:15  Rosa Albert, Irene Esteban, and Cabanes Dan—Phytoliths as a Proxi for Paleovegetation Reconstruction and Use of Plant Resources by Early Hominins
3:30  Clayton Magill, Gail Ashley, and Katherine Freeman—Plant Biomarker and Isotopic Perspectives on Early Human Habitats at Olduvai Gorge
4:00  Catherine West and Fred Andrus—High-Resolution Sampling of Saxidomus gigantea in the Kodiak Archipelago
4:15  Gregory Henkes, Torben Rick, and Benjamin Passey—Carbonate Clumped Isotope Thermometry of Archaeological Shell from the Chesapeake Bay
4:30  Kelly Knudson—Stable Strontium Isotope Analysis: A New Method for Investigating Paleodiet in Archaeological Remains
4:45  Amanda Henry—Discussant

[173]  GENERAL SESSION: ZOOARCHAEOLOGICAL STUDIES: NEW WORLD
Room: 323A (HCC)
Time: 1:15 PM - 2:30 PM
Chair: Rachel McTavish
Participants:
1:15  Rachel McTavish—Evaluating the Aztalan Palimpsest: Faunal Analysis of a Mixed Late Woodland and Middle Mississippian Context
1:30  Sarah Neusius, Laura Kaufman, and Andrea Boon—Assessing Faunal Assemblage Comparability at the Johnston Site
1:45  Meagan Dennison—Exploring Site Function through Faunal Remains on the Upper Cumberland Plateau of Tennessee
2:00  Megan Kassabau—Feasting Reconceptualized: A View from the American South
2:15  Lindsay Johansson—The Buck or the Bunny? Documenting Change in Faunal Use through Time at North Creek Shelter

[174]  SYMPOSIUM: TRIBAL CONSULTATION: LESSONS LEARNED AND FUTURE DIRECTIONS
(Sponsored by Committee on Native American Relations)
Room: 314 (HCC)
Time: 1:15 PM - 4:15 PM
Chairs: Patricia Garcia-Tuck and John Rose
Participants:
1:15  Ora Marek-Martinez—Scales of Consultation: Multiple Stages of Listening and Learning in the Navajo Nation
1:30  Dorothy FireCloud—Continuity and Conflict in the Preservation of a Spiritual Landscape
1:45  Kenneth Tankersley—Saving Sequoyah's Oldest Written Record
2:00  Ronald Maldonado—Discussant
2:15  Desiree Martinez—Communicating with a "Good Heart": Strategies for Consultation
2:30  Nanebah Nez—What Are the Moral Considerations of Engaging in Tribal Consultation?
2:45  Marcos Guerrero—Tribal Consultation: In Search of a Meaningful Good Faith Effort
3:00  Wendy Teeter—Consultation and Partnerships in a Museum: Putting Intention into Practice
3:15  John Rose—Reviewing Consultation
3:30  Joe Watkins—Discussant
3:45  Shannon Tushingham—Discussant
4:00  Q&A

[175]  **SYMPOSIUM: COMMUNITIES AND HOUSEHOLDS IN THE GREATER SOUTHWEST**
**Room:** 316A (HCC)
**Time:** 1:15 PM - 5:00 PM
**Chair:** Robert Stokes

**Participants:**
1:15  Barbara Roth—Pithouse Community Development in the Mimbres Valley, Southwestern New Mexico
1:30  Robert Stokes—The Role of Landless Families in the Creation of New Communities in the Mimbres Area
1:45  Elizabeth Toney and Aaron Woods—Landscape, Settlement, Communities, and Households in the Mimbres-Mogollon Region: The Role of Small and Medium-sized Pueblos
2:00  Thomas Gruber—Identifying Workgroups in Classic Mimbres Villages (A.D. 1000-1150) in Southwestern New Mexico
2:15  Jefferson Reid and Stephanie Whittlesey—The Rapidly Evolving Household: Episodic Change at Chodistaas and Grasshopper Pueblos, Arizona
2:30  Jennifer Payne—Community Organization in Two Areas of the Southwestern United States
2:45  Alison Rautman—Household, Community, and Circular Pueblos in the American Southwest
3:00  Deni Seymour—Pliant Communities: Seasonal Mobile Group Visitation at the Eastern Frontier Pueblos
3:15  James Potter—Household Action and the Construction and Destruction of the Ridges Basin Community
3:30  Kristin Safi and Andrew Duff—Largo Gap and the Pueblo II Period Great House Communities of the Southern Cibola Region
3:45  Katie Richards, James Allison, Richard Talbot, Scott Ure, and Lindsay Johansson—Household Variation, Public Architecture, and the Organization of Fremont Communities
4:00  Eric Klucas—Reflections on Tortolita Phase Community Integration in the Northern Tucson Basin
4:15  Michael Lindeman—Households, Plazuelas, and Plazas: Decision Making and Social Standing among the Pre-Classic Hohokam
4:45  Stephen Lekson—Discussant

[176]  **SYMPOSIUM: EXPLORING CROSS-CULTURAL INTERACTION, FROM CONTACT TO COLONIALISM**
**Room:** 303B (HCC)
**Time:** 1:30 PM - 3:45 PM
**Chair:** Christine Beaule
Participants:
1:30 Christine Beaule—Theoretical Approaches to Cross-Cultural Interaction, from Contact to Colonialism
1:45 Robert Littman, Mohamed Kenawi, Jay Silverstein, and Nicholas Hudson—Who Is This Like the Nile that Riseth up: Ethnic Relations at Thmuis, Egypt
2:00 Hui-Lin Lee—Colonialism in the Beginning – Japan’s Early Colonization in Taiwan
2:15 Damion Sailors—Manu – An Analysis of the Customary Practice of Oceanic Kite-Flying
2:30 Courtney Rose—Yaqui Cultural Resilience to Colonialism: Implications for Understanding the Archaeological Record
2:45 Angela Lockard Reed—Colonial Witch Bottles: A Spirited Public Archaeology Activity
3:00 Jay Silverstein—This Land Is My Land: Identity and Confliction on the Western Frontier of the Aztec Empire
3:15 James Bayman—Discussant
3:30 Q&A

SYMPOSIUM ■ VIOLENCE AND WARFARE AMONG HUNTER-GATHERERS
Room: 306A (HCC)
Time: 1:30 PM - 4:30 PM
Chairs: Mark Allen, Terry Jones, and Al Schwitalla
Participants:
1:30 James Chatters—Wild-Type Colonizers and High Levels of Violence among Paleoamericans
1:45 Paul Roscoe—Military Practice among the Hunter-Gatherers and Fisher-Gatherers of New Guinea
2:00 Colin Pardoe—Territoriality and Conflict in Aboriginal Australia
2:15 Mark Allen—Scales of Warfare and Violence in California and Australia: Fighting Foragers and Collectors in Conflict
2:30 Frank Bayham, R. Kelly Beck, and Kimberley L. Carpenter—Large Game Exploitation at the Boundaries: Modeling and Measuring Competition and Conflict Using Stable Isotopes
2:45 Kenneth Reid—Wait and Parry: Material Evidence for Hunter-Gatherer Defensive Measures in the Intermountain West
3:00 Terry Jones, Marin Pilloud, and Al Schwitalla—The Bioarchaeological Record of Blunt Force Cranial Trauma in Central California
3:15 Jelmer Eerkens and Eric Bartelink—A Stable Isotope Perspective on Violence among Central Californian Hunter-Gatherers
3:30 James Brill—Violent Adaptations: Technology of Violence and Cultural Evolution along the Santa Barbara Channel
3:45 Matthew Des Lauriers—"They Had among Them Some Wars and Bat" – Conflict, Clans, and the Baja California Peninsula
4:00 Patricia Lambert—Discussant
4:15 Steven LeBlanc—Discussant

GENERAL SESSION ■ POTTERY AROUND THE WORLD: IDENTITY AND TECHNOLOGY
Room: 319B (HCC)
Time: 1:30 PM - 4:45 PM
Chair: Michael Strezewski
Participants:
1:30 Michael Strezewski—Redware Pottery Production in New Harmony, Indiana:
1815-1824

1:45  
Noémi Müller, Maria Dikomitou-Eliadou, and Vassilis Kilikoglou—Calcite Temperment and Thermal Properties of Ceramic Cooking Ware: The Case of Prehistoric Marki Alonia in Cyprus

2:00  
Jason Kennedy—Scratching the Surface: The Effects of Ceramic Processing on Ubaid Period Ceramics from Kenan Tepe, Southeastern Turkey

2:15  
Artemi Chaviara and Eleni Aloupis-Siotis—Attic Clay – Then and Now

2:30  
Leah Minc, Jason Sherman, Christina Elson, Charles Spencer, and Elsa Redmond—Clay Survey and Ceramic Provenance in the Valley of Oaxaca: Mapping Out Pottery Production and Exchange in the Late to Terminal Formative

2:45  
Cynthia Fadem—Mineralogical Summary from the Early Farming in Dalmatia Project: Soils, Rocks, and Ceramics

3:00  
Borislava Simova—Identity Formation in Late Preclassic to Early Classic Maya Domestic Contexts at the Site of Actuncan, Belize

3:15  
John Blitz—Skeuomorphs, Textured Pottery, and Technological Innovation

3:30  

3:45  
Jose Pena and Robert Tykot—Trace Element Analysis of Late Horizon Pottery from the Huancabamba Valley, Jaen-Cajamarca, Peru

4:00  
Jeanette Nicewinter—Geometric Communication on Cajamarca Ceramics

4:15  
Roderick Campbell—Fragments of the Shang: Time, History, and Narrative

4:30  
Chunming Wu—An Archaeological Perspective on the Bronze Culture and Early Civilization of Indigenous Qi Min (七闽) in Southeast China

[179]  
SYMPOSIUM QUESTIONS OF CHRONOLOGY IN ANCIENT CHINA

Room: 325 (HCC)  
Time: 1:30 PM - 5:00 PM  
Chairs: Rowan Flad and Ofer Bar-Yosef

Participants:

1:30  
Youping Wang—The Chronology of the Paleolithic in Central China

1:45  
Guangmao Xie—The Palaeolithic Culture in South China

2:00  
Ofer Bar-Yosef—Closing the Gap between the Paleolithic and Neolithic in China

2:15  
Zhijun Zhao—Origin of Dryland Agriculture in North China

2:30  
Shuicheng Li—A Symbol of Immortality: The Tradition of Burial with Jade in Ancient China

2:45  
Xiaohong Wu—Radiocarbon Dating of Different Archaeological Cultures in China

3:00  
Dong Guanghui, Chen Fahu, Wu Xiaohong, Zhao Zhijun, and Jia Xin—A Comparative Study of Radiocarbon Dating Charcoals and Charred Seeds from the Same Flotation Samples in Neolithic and Bronze Sites in the Gansu-Qinghai Region, China

3:15  
Christian Peterson—Conservative Ceramic Change and Its Impact on Social and Demographic Reconstruction from Regional Settlement Data

3:30  
Roderick Campbell—Fragments of the Shang: Time, History, and Narrative

3:45  
Haicheng Wang—Bronze Typology and the Ambitions of Archaeology

4:00  
Changping Zhang—Text-Based Periodization Orientation on the Study of Western Zhou Chronology

4:15  
Wu Guo and Enguo Lv—Rethinking Questions of Chronology in Ancient Xinjiang

4:45  
Q&A
[180] **Symposium: Ritual Innovation, Material Culture, and Environment in Formative Chavin de Huantar, Peru**

**Room:** 301A (HCC)  
**Time:** 1:45 PM - 3:30 PM  
**Chair:** John Rick

**Participants:**

1:45 Marisol Lopez-Munoz and Matthew Sayre—Domestic Settlements and Production at Chavin  
2:00 Silvana Rosenfeld—Bone Tool Production and Psychoactive Plant Consumption at Chavin de Huantar  
2:15 Miriam Kolar—New Evidence for Ritual Sound Environment Use and Design at Chavín de Huántar, Peru  
2:30 Daniel Contreras—Reading an Anthropogenic Landscape: Setting as Media at Chavín de Huántar, Peru  
2:45 John Rick—Canals, Sacrifice, and Water Ritualism at Chavín de Huantar, Peru  
3:00 John Wolf—Chavin Iconographic Representations: Design Innovation, Social Dynamism, and Underlying Cognitive Structures  
3:15 Christian Mesia—Feasting and Power during the Andean Formative: Interactions between Chavin and Cupisnique


**Room:** 324 (HCC)  
**Time:** 2:00 PM - 3:30 PM  
**Chairs:** Mathieu Leclerc and Christian Reepmeyer

**Participants:**

2:00 Aymeric Hermann—Stone Tool Production Processes and Exchange in Central Polynesia: Geochemistry Applied to Archaeology  
2:15 Mathieu Leclerc—The Evolving Role of the Archaeologist in an Increasingly Science-Oriented Discipline: Contributions of a Provenance Study on Lapita Ceramic from Vanuatu  
2:30 Christian Reepmeyer—Modeling Social Interaction in the South-Western Pacific: A View from the Obsidian Sources in Northern Vanuatu  
2:45 Callan Ross-Sheppard and Melinda Allen—Social Differentiation and Obsidian Exchange: The Characterization and Sourcing of an Obsidian Assemblage from the Mussau Islands (ECA) by PXRF  
3:00 Scarlett Chiu, David Killick, Christophe Sand, Michael D. Glascock, and Yuh-chang Sun—Exchange Spheres Identified by Using Both Chemical Compositional and Petrographic Analysis: A Case Study from Six Lapita Sites of New Caledonia  
3:15 Rachel Popelka-Filcoff, Tiffany Reeves, Philip Jones, and Claire Lenihan—Differentiation of Binders in Aboriginal and European Painted Artefacts Using Pyrolysis Gas Chromatography Mass Spectrometry

[182] **Poster Session: Collections Management**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)  
**Time:** 2:00 PM - 4:00 PM

**Participants:**

182-a Marybeth Tomka and Melissa Eiring—How Temperature and Humidity Fluctuations Can Control Your Life: A View from Inside an Archaeological Repository
182-b Maureen DaRos and Rebekah DeAngelo—Archaeology in the Archives: Rediscovery of a 1932 Connecticut Archaeological Site Map
182-c Rhonda Bathurst and Kira Westby—Digital Tools for Archaeological Collections and Inventory Management
182-d Christel Carlisle and Sharyn Jones—Archaeology after the Field: Appreciating and Restoring the University of Alabama at Birmingham’s Collection
182-e Krista Richardson-Cline and Jessica Normoyle—Curation Crisis: Changing the Way Archaeologists Work

183-a Lia Tarle, Dennis Sandgathe, and Mark Collard—Clothing and the Replacement of Neanderthals by Modern Humans
183-b Carey Baxter, George Calfas, Anne Dain-Owens, Michael Hargrave, and Scott Tweddle—Detection of Historic Farmsteads in Modified Bare Earth LiDAR Imagery
183-c Rebecca Twaroski, Catherine Carabajal, and William Whitehead—Four New Ceramic Standards for Use in Archaeometry
183-d Meredith Wismer-Lanoë, Brooke Arkush, Matthew Hill, Emlyn Eastman, and François Lanoë—Exploring Late Prehistoric Subsistence Change at the West Fork Rock Creek Site (100a275), Idaho
183-e John Marston—Agricultural Adaptation to Highland Central Anatolia: New Data from the Iron Age City of Kerkenes
183-f Emily Hubbard—Chalcolithic Use of Dung as Fuel: Evidence from Tel Tsaf, Israel
183-g Kimberley Russell—PXRF for Compositional Analysis of Early American Metalware
183-h Jeff Rosentreter—Challenges of Fatty Acid Residue Analysis on Charcoal: Effects of Solvent Selection and Wood Species for the Effective Extraction and Quantification of Partition Coefficients
183-i Reilly Jensen—Fortresses of Solitude? Investigating Iron Age Defensive Networks in South-Western Caucasus
183-j Ursel Wagner, Frances M. Hayashida, Izumi Shimada, Werner Haeseler, and Friedrich E. Wagner—A Pre-Columbian Copper Smelting Furnace Studied by Mössbauer Spectroscopy and X-ray Diffraction
183-k James Feathers—Luminescence Dating of Adobe in Coastal Peru
183-l Zhen Qin—Studies of Iron Smelting Sites around Nanyang Basin during Warring States, Qin and Han Periods

184-a Steven De Vore—Magnetic Survey of the Mound City Group, Hopewell Culture National Historical Park, Ohio
184-b Steve Copeland and Caitlin Sommer—Seeing the Unseen: Geophysical Testing Techniques on Basketmaker III Settlements
184-c Amy Schott—Geoarchaeology and Dune Stability in Petrified Forest National Park
184-d Lydia DeHaven—Expanding Basketmaker III Site Boundaries: Geophysics Use
in Detecting Structures and Features

184-e Paul White, Patrick Martin, and William Hedman—Hazardous Heritage: Assessing the Legacy of Abandoned Mines in Alaska’s Fairbanks District

184-f Mathew Fox, Jennifer Kielhofer, and Ye Wa—The Micromorphology and Site Formation of Yangshao Ash Deposits at Yangguanzhai: A Miaodigou Village in the Wei River Valley, China

184-g Kimberly Macy, Ben Marwick, Becky Song Hanyu, Cyler Conrad, and Alex Mackay—Identifying Changes in Sediment Sources in Middle Stone Age Deposits Using ICP-AES at Klipfonteinrand, South Africa

184-h Adrien Hilmy, Alissa Nauman, Nathan Goodale, and David Bailey—Measuring the Matrix: An Analysis of Elemental Composition in Cultural Sediments from the Slocan Narrows Pithouse Village, Upper Columbia River Drainage, British Columbia, Canada

184-i Benjamin Davies—Modeling the Formation of Surface Archaeological Deposits in Western New South Wales, Australia

[185] POSTER SESSION ■ COMPUTER APPLICATIONS IN ARCHAEOLOGICAL DATA MANAGEMENT AND MUSEUMS
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 2:00 PM - 4:00 PM

Participants:

185-a Penny Crook, Shawn Ross, Adela Sobotkova, and Brian Ballsun-Stanton—The Federated Archaeological Information Management System Project (Australia)

185-b Summer Moore, Gina Farley, and Ashley Robinson—Digitizing Archaeology Collections at the Bishop Museum: A Case Study from the Nu’alolo Kai Site

185-c Rebecca Mendelsohn—The Effectiveness of Low-Cost 3D Alternatives for Archaeology and Museums

185-d Petr Kvetina—Virtual 3D Museum of Neolithic Culture

[186] POSTER SESSION ■ SOURCING THE STONE: SEEKING THE SOURCE OF LITHIC MATERIALS
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 2:00 PM - 4:00 PM

Participants:

186-a David Bailey, Lyman Munschauer, Nathan Goodale, and Catherine Prescott—Building a Geologic Database of Potential Lithic Artifact Sources in the Upper Columbia River Drainage, British Columbia: Preliminary Results

186-b Omar Rice, Omar Rice, Erik Wintz, and Sachiko Sakai—Application of Portable XRF to Investigate the Source of Obsidian Artifacts in Mt. Trumbull in the American Southwest

186-c Angelina Sweeney, Candice Brennan, Hector Neff, and Barbara Arroyo—Material Provenance Study of a Formative Period Structure: Qualitative and Quantitative Analysis of Concrete and Sediment Samples from Kaminaljuyu, Guatemala

186-d Gwyn Madden, Elizabeth Arnold, Jordan Karsten, and Stanley Ambrose—Using Isotope Analyses to Examine Origins of Agriculture and Neolithic Farmers in Western Ukraine

[187] POSTER SESSION ■ INDIANA UNIVERSITY OF PENNSYLVANIA GRADUATE STUDENT RESEARCH: USING NEW TECHNOLOGY ON OLD SITES
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Participants:

187-a Victoria Harding—Applications of ArcGIS at the Ripley Site
187-b Cory Meyers, Victoria Harding, Ryan Spittler, and Justin Daley—Rediscovering Dragoo
187-c Ryan Spittler—Locating the French and Indian War Era Native American Settlement at Aughwick Old Town
187-d Marion Smeltzer and Beverly Chiarulli—Practical Applications in Virtual Archaeology
187-e Justin Daley—The Development of Ship Construction in 19th Century Pittsburgh

[188] POSTER SESSION ■ PRELIMINARY FINDINGS FROM THE DIGITAL INDEX OF NORTH AMERICAN ARCHAEOLOGY (DINAA) PROJECT
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 2:00 PM - 4:00 PM
Chair: Joshua Wells

Participants:

188-b Eric Kansa, Sarah W. Kansa, David G. Anderson, Stephen Yerka, and Joshua J. Wells—Web-Based Discovery and Integration of Site File Data: The Digital Index of North American Archaeology (DINAA)

[189] POSTER SESSION ■ REIMAGINING NORTHERN PERSPECTIVES: INTERDISCIPLINARY RESEARCH THROUGH BROWN UNIVERSITY’S CIRCUMPOLAR LABORATORY
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 2:00 PM - 4:00 PM
Chair: Kevin Smith

Participants:

189-a Douglas Anderson—The Circumpolar Laboratory at Brown University’s Haffenreffer Museum of Anthropology: Past Achievements, Present Activities, Future Prospects
189-b Kevin Smith, Mehrdad Kiani, and Ebenezer Gay—Revealing the End of the World? 3D Imaging and Documentation of Surtshellir, a Unique Subterranean Viking Age Site in Iceland’s Interior.
189-c Michele Smith—The Cloth I Wove (Tiddly Pom), Didn’t Warm My Toes (Tiddly Pom) … and So I Froze (Tiddly Pom) during the Little Ice Age: Climate Change and Textile Production during the Little Ice Age in Iceland and Greenland
189-d Thomas Urban, Kevin Smith, and Susan Herringer—Geochemically Tracking the Earliest European Explorers in North America: Investigations of a New Jasper Fire-Starter from L’Anse aux Meadows, Newfoundland
189-e Christopher Wolff and Thomas Urban—Reimagining/Reimaging Stock Cove: A Geophysical Survey of the Stock Cove Site, Newfoundland

[190] GENERAL SESSION ■ MORTUARY STUDIES AROUND THE WORLD
Room: 317A (HCC)
Time: 2:00 PM - 4:00 PM
Chair: Nigel Goring-Morris

Participants:

2:00  Nigel Goring-Morris and Leore Grosman—Tradition, Tradition, Tradition: Long-Term Continuity and Change in Funerary Practices from the Galilee, Israel
2:15  Darcy Mathews—Funerary Ritual, Tradition, and Ancestral Presence: The Late Period Production of Power in the Salish Sea
2:30  Krystal Hammond and Jennifer Thompson—Grave Reflections: Changes in Children's Burials at Non Nok Tha, Thailand (ca. 3000-200 B.C.)
2:45  Stephanie King, Michael Rohrer, and Dane Magoon—A Comparative Analysis of Claggett (18PR40), Hatch (44PG51), and Claremont (44SY5) Ossuaries in Terms of Mortuary Practice
3:00  Kimberly Williams and Lesley Gregoricka—3rd Millennium B.C. Mortuary Practices of Northern Oman: Placement and Use of Space in Mortuary Monuments
3:15  Rona Ikehara-Quebral, Miriam Stark, William Belcher, Vouen Vuthy, and John Krigbaum—Biocultural Practices during the Transition to History at Angkor Borei, Cambodia
3:30  Sharon DeWitte—The Demographic Effects of Medieval Plague: Mortality Risk and Survival in Post-Black Death London
3:45  Alexander Christensen and Joseph Hefner—Clandestine Burials of U.S. Personnel in Dien Ban District, Vietnam

[191]  SYMPOSIUM  STRETCHING DISCIPLINARY BOUNDARIES: APPROACHES FOR STUDYING INTERSOCIAL INTERACTION IN THE EASTERN MEDITERRANEAN AND NEAR EAST
Room: 323A (HCC)
Time: 3:00 PM - 3:30 PM
Chairs: Paul Kardulias and Joshua Cannon

Participants:

3:00  Joshua Cannon—A Model for Western Anatolian Cultural Influence in Greece
3:15  Janling Fu—Longer-term Processes of State Formation in the Levant: The Case of Israel in the Iron Age II

[192]  FORUM  BEYOND THE EQUATOR (PRINCIPLES): COMMUNITY BENEFIT SHARING IN RELATION TO MAJOR LAND ALTERATION PROJECTS AND ASSOCIATED INTELLECTUAL PROPERTY ISSUES IN CULTURAL HERITAGE
Room: 319A (HCC)
Time: 3:00 PM - 5:00 PM
Moderator: John Welch

Participants:

Elizabeth Bradshaw—Discussant
Alvaro Higuera—Discussant
Ian Lilley—Discussant
Andrew Mason—Discussant
Willem Willems—Discussant
Joseph Ezzo—Discussant

[193]  SYMPOSIUM  FORENSIC ARCHAEOLOGY IN THE AMERICAS: DEFINITIONS, ROLES, EXPERIENCES, AND BEST PRACTICES
Room: 309 (HCC)
Time: 3:00 PM - 5:00 PM
Chair: Dennis Dirkmaat

Participants:

3:00 Luis Cabo and Dennis Dirkmaat—Defining Forensic Anthropology
3:15 Krista Latham and Stephen Nawrocki—Forensic Archaeology: Identifying Important Skill Sets for the Controlled Recovery of Human Remains in Outdoor Contexts
3:30 Greg Olson—Human Remains Recovery in a Fatal Fire Setting Using Archaeological Methodology
3:45 Scott Warnasch, Christopher Rainwater, and Christian Crowder—The Application of Archaeological Methods to Crime Scenes and Mass Disasters in New York City
4:00 Eric Emery—The Role of Forensic Archaeology in the Development of Guidelines and Best Practices in Mass Disaster Scene Mapping and Recovery
4:15 Hugh Tuller, Derek Congram, and Luis Fondebrider—Contemporary Mass Graves as Archaeological Features
4:30 Luis Fondebrider, Miguel Nieva, Juan Nobile, Selva Varela, and Diego Argañaraz—Archaeological Investigation of Mass Graves Containing Burned Remains
4:45 Dennis Dirkmaat and James Adovasio—The Two Faces of Forensic Archaeology

SYMPOSIUM: BIOARCHAEOLOGY OF NORTHEAST ASIA
Room: 323B (HCC)
Time: 3:00 PM - 5:00 PM
Chairs: Angela Lieverse, Hitoshi Fukase, and Minoru Yoneda

Participants:

3:00 Rick Schulting, Julie Hamilton, Vladimir Bazaliskii, Olga Gorunova, and Andrzej Weber—Untangling trophic levels? Stable Hydrogen and Nitrogen Isotope Studies at Lake Baikal
3:15 Yasushi Shimoda, Hajime Ishida, Minoru Yoneda, Yuichi Naito, and Tomohito Nagaoka—Reconstruction of Life Activity and Subsistence in People of the Prehistoric Okhotsk Culture, Northern Japan
3:30 Noboru Adachi, Ken-ichi Shinoda, Kazuo Umetsu, Osamu Kondo, and Yukio Dodo—Ethnic Derivation of the Hokkaido Ainu Inferred from Mitochondrial DNA data
4:00 Hitoshi Fukase, Masatomi Kudaka, Toshiyuki Tsurumoto, Masaki Fujita, and Hajime Ishida—Geographic Variation in Skeletal Limb Size and Proportions among Northeast/East Asian Populations
4:15 Daniel Temple—Stress Chronology and Periodicity among Late/Final Jomon Period Foragers from Hokkaido
4:30 Andrzej Weber—Understanding Middle Holocene Hunter–Gatherer Diets in Cis-Baikal, Siberia, Using the IsoSource Mixing Model
4:45 Hugh McKenzie and Alexander Popov—Cranial Modification from the Boisman II Hunter-Gatherer Cemetery (~5300-6000 B.P.), Russian Far East

SYMPOSIUM: PACIFIC ETHNOGRAPHIES IN WORLD ARCHAEOLOGIES
Room: 318A (HCC)
Time: 3:30 PM - 5:00 PM
Chairs: Joy McCorriston and Julie Field

Participants:

3:15 Joy McCorriston—Historical Metaphors and Mythical Realities in Bronze Age World Systems

3:30 Anna Browne Ribeiro—From Abstract Structures to Navigable Spaces: Reconsidering the Use of Pacific Ethnographies in Amazonian Archaeology

3:45 Julie Field—Fijian “House” and “Household”: Ethnographic Recollections and Implications for Residential Archaeology

4:00 Boyd Dixon—The Role of Okinawan Ethnography in Understanding Pre-WWII Land Use and Settlement Patterns on Tinian, Commonwealth of the Northern Mariana Islands

4:15 Ron Adams—Ethnoarchaeological Perspectives on the Social Dynamics of Livestock Use in Eastern Indonesia

4:30 Kekeuea Kikiloi—Unraveling the “Mystery” of Nihoa and Necker Islands, Hawai’i: Ethnohistorical and Archaeological Approaches in Studying Sociopolitical Transformation

4:45 Matthew Spriggs—Discussant

Symposium: Exploring the Difference: Lithic Industries on Non-Flint Raw Material

Room: 305A (HCC)

Time: 3:30 PM - 5:00 PM

Chair: Carlos Rodriguez-Rellan

Participants:

3:30 Kaoru Yonekura—Rock Properties and Material Selection and Utilization of Flaked Tools in Paleolithic Japan

3:45 Carlos Rodriguez-Rellan and Ramón Fábregas Valcarce—Knapping beyond Flint: An Experimental Approach to Quartz and Slate Industries

4:00 Helena Knutsson and Kjel Knutsson—Cognitive Tool Categories in Prehistoric Quartz Assemblages – The Analysis of Fracture Patterns and Use Wear in a Case Study of Stone Age Sites from Eastern Central Sweden

4:15 Kjel Knutsson and Helena Knutsson—The Final Stage of the Postglacial Colonization of Fennoscandia, Regional Blade Technologies and the Use of Local Raw Materials

4:30 Justin Kuenstle, Anna Marie Prentiss, Kristen Barnett, and Matthew Walsh—The Coarse Volcanic Rock Industry at Rio Ibanez 6, Aysén Region, Patagonian Chile

4:45 Hugo Gabriel—Actualistic Observations on Some Non-flint-Like Materials from Southern South America

General Session: Classic Maya Politics and Power

Room: 323A (HCC)

Time: 3:45 PM - 5:00 PM

Chair: Jeanne Lopiparo

Participants:

3:45 Jeanne Lopiparo—The Archaeology of Everyday Life at a Classic Maya Center, Chinkikhá, Chiapas, Mexico

4:00 Kimberly Salyers—Illuminating Social Landscapes: Unearthing Life of the Mayan Commoner through Household Excavation and Catchment Analysis

4:15 Tatiana Young—Architecture and Its Reflection of State Organization and Settlement Pattern in the Cochuah Region during the Terminal Classic Period

4:30 Sarah Kunick—A Different View of Ancient Maya Politics: A Look at Political Strategies at the “Minor Center” of Callar Creek, Belize
Friday Afternoon, April 5

[198] GENERAL SESSION | PUBLIC ARCHAEOLOGY
Room: 317B (HCC)
Time: 4:00 PM - 4:45 PM
Chair: Dawn Rutecki
Participants:
4:00 Dawn Rutecki—Authenticity in the Public's Archaeological Imagination
4:15 Teresa Moyer—Youth, Community Partnerships, and the Urban Archeology Corps
4:30 Cheraki Williams—Louisiana's Continuing Education in Online GIS

[199] GENERAL SESSION | GEOARCHAEOLOGY
Room: 301B (HCC)
Time: 4:00 PM - 4:45 PM
Chair: Fred Nials
Participants:
4:00 Debora Kligmann and Veronica Williams—Contributions of Sedimentological Analysis to Discuss Site Functionality. A case study at Compuel, Salta Province, Northwest Argentina
4:15 Jennifer Kielhofer—Geoarchaeological Investigations at Yangguanzhai, China: An Examination of Soil-Stratigraphic Sequences at a Middle Neolithic Site in the Wei River Valley
4:30 Fred Nials—The Role of Piping in Abandonment of Prehistoric Agricultural Sites and Interpretation of Site Features

[200] SYMPOSIUM | LANDSCAPE AND EMPIRE IN THE CUSCO VALLEY
Room: 301A (HCC)
Time: 4:00 PM - 5:00 PM
Chair: Alexei Vranich
Participants:
4:00 Adam Stack—Landscape Continuity and Change at Hacienda Quispicanchis
4:15 Mariusz Ziolkowski, Fernando Astete, Sławomir Swieciechowski, and Jacek Kosciuk—Astronomy in the Inca Capital: Between Wishful Thinking and Reality
4:30 Stephen Berquist—Terraces All the Way Down: Ideology and Ontology in an Andean Agricultural Landscape
4:45 Easton Anspach—Discussant

[201] GENERAL SESSION | ARCHAEOLOGY IN JORDAN
Room: 306B (HCC)
Time: 4:00 PM - 5:00 PM
Chair: Deborah Olszewski
Participants:
4:00 Kyle Knabb, Ian Jones, Thomas Levy, and Mohammad Najjar—New Evidence for Fatimid Period Rural Settlement in Southern Jordan
4:15 Deborah Olszewski, Maysoon al-Nahar, Jason Cooper, Natalie Munro, and Bilal Khrisat—The Early Epipaleolithic at KPS-75, Western Highlands of Jordan
4:30 Alan Farahani—Beyond Subsistence: Agricultural Production and Imperial
Intervention at Dhiban, Jordan, 1000 B.C.E.–1400 C.E.

4:45 Abigail Buffington—Patterns of Plant Exploitation of an Iron Age Town: The Macrobotanical Remains of Khirbat al-Mudayna, Wadi ath-Thamad, Jordan
Saturday Morning ■ April 06, 2013

[202] GENERAL SESSION ■ PRECOLUMBIAN MINING AND METALLURGY
Room: 303B (HCC)
Time: 8:00 AM - 9:15 AM
Chair: Tao Li

Participants:
8:00 Francisco Garrido, Tao Li, Dong Li, and Wugan Luo—Mining Camps and Economic Strategies in the Atacama Desert during the Inca Times
8:15 Tao Li, Tao Li, Francisco Garrido, Dongdong Li, and Wugan Luo—Scientific Investigation of the Inca Archaeological Materials from Chile’s Atacama Desert: An Experience with Portable XRF Analyzer for In-Situ Chemical Analysis
8:30 Dongdong Li, Tao Li, Francisco Garrido, and Wugan Luo—Comparative Study of Alloying Technology in Bronze Age North Chile and Central China
8:45 Wugan Luo, Tao Li, Francisco Francisco, and Dongdong Li—A Portable XRF Investigation of Archaeological Materials from Two Inca Smelting Sites in Northern Chile’s Atacama Desert
9:00 Esteban Fernandez—Beyond the Gleam: A Multidisciplinary Study of Aztec Metallurgy

[203] FORUM ■ BINDING THE CORD FOR A STRONGER HAWAI’I: HAWAIIAN TRANSFORMATIONS IN ARCHAEOLOGY AND CULTURAL RESOURCE MANAGEMENT
Room: 309 (HCC)
Time: 8:00 AM - 10:00 AM
Moderator: Kekuewa Kikiloi

Participants:
Kelley Uyeoka—Discussant
Ty Tengan—Discussant
Jason Jeremiah—Discussant
Keoni Kuoha—Discussant
Sean Naleimaile—Discussant
Leon Peralto—Discussant
Ruth-Rebeccaalynne Aloua—Discussant
Kehaunani Cachola-Abad—Discussant

[204] POSTER SESSION ■ ARCHAEOLOGICAL METHOD
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM

Participants:
204-a Grace Cesario—Prehistoric Bone-Tool Production in Northwest Alaska
204-b Dawn Crawford, Brigitte Kovacevich, and Amanda Thornton—Experimental Jade Polishing: Replication of Ancient Maya Techniques
204-c Terry Joslin and Dustin K. McKenzie—Tackling Technologies: Exploring Fish Bone Gorge Tool Function in Coastal California
204-d Jeremy Foin, Mark Grote, and Naoki Saito—Identifying Prehistoric Thule Inuit Architectural Traditions Using Laplacian Shape Analysis: Preliminary Results

[205] POSTER SESSION ■ SCALE OF ANALYSIS: FROM REGIONS TO AGENTS, LONG DUREE
TO DIGITAL STRATA
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM

Participants:
205-a Matt Mattes and Anna Antoniou—Region Perspectives on Prehistoric Wealth, Demography, and Village Life in the Middle Fraser Canyon, British Columbia
205-b Karla Davis-Salazar and Zaida Darley—A Long-Term Perspective on Water Management at Palmarejo, Honduras
205-d Wendy Cegielski—Chiefdoms: An Agent-Based Model of Structural Elasticity, Inequality Formation, and Currency and Power Dynamics

[206] POSTER SESSION - LANDSCAPES AND SPATIAL ANALYSIS: GLOBAL CASE STUDIES
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 8:00 AM - 10:00 AM

Participants:
206-a John Darwent, Owen Mason, John Hoffecker, and Christyann Darwent—Thule-Inupiaq Occupation of Cape Espenberg, Alaska: A Case of Horizontal Stratigraphy
206-b Corey Cookson and Kisha Supernant—An Analysis of Site Selection Behaviors and Landscape Use in the Prince Rupert Harbour Area
206-c Duncan McLaren—Uncovering Long-Term Archaeological Sequences and Landscapes on the Central Northwest Coast
206-d Erin Hudson, Brian Schnick, Alice Roberts, and Leah Bonstead—Archaeological Predictive Modeling along the Lower Snake River, Washington
206-e R. Kyle Bocinsky—The Defensive Coast
206-f C. Stafford and Tiffany Grossman—Community Patterning at an Allison-LaMotte Village in the Lower Wabash Valley
206-g Melody Hollinger—There’s Gold in Them Thar Land Patents! How Homesteading Changed a Landscape: A Database of Land Patents for Area Now Encompassed by NAWS, China Lake
206-h Theodore Roberts and Shawn Fehrenbach—A Predictive Model of Prehistoric Site Locations at Fort Irwin, California
206-i Daniel Sumner—Conflict on the Mesa: Assessing Defensibility of Plaza-Oriented Villages in the Salinas Pueblo Province, New Mexico
206-j Amanda Landon—Archaeological Site Distribution in the Telegraph Flat and Fivemile Valley Areas of GSEN
206-k Stefani Crabtree—Constructing Communities: Examining Household Aggregation in the American Southwest
206-I Kevin Black—Landscape Use in the Pawnee Buttes Area, Colorado
206-m Ben Curry—Toward a Landscape History of Wilder Ranch: An Archaeological and Historical Examination of the Social and Ecological Landscape Changes of a Nineteenth- to Twentieth-Century Ranch
206-n Troy Lovata—Carved Aspen Trees and Mountain Trails in New Mexico and Colorado: Landscape Archaeology at Three Sites in the Southern Rocky Mountains
206-o Paul Buck and Donald Sabol—Remote Sensing for Detection of Prehistoric Landscape Use in NW Arizona, U.S.A.
206-p Dennis Lewarch—Ceramic Distribution Patterns among Aztec Period Houses, Coaltan del Rio Valley, Morelos, Mexico
[207] **POSTER SESSION: ENVIRONMENTAL ARCHAEOLOGY: FROM SETTLEMENTS TO SEDIMENTS**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)  
**Time:** 8:00 AM - 10:00 AM

**Participants:**

207-a Richard Terry, Eric Coronel, and Daniel Bair—Portable X-Ray Fluorescence for Elemental Analysis of Ancient Activity Area Soils and Floors

207-b Dianna Doucette, Elizabeth Chilton, Katie Kirakosian, Evan Taylor, and David Foster—Evaluating the Drivers and Triggers of Ecosystem Dynamics: Disturbance, Climate, and People

207-c Grant Snitker, Andrea Torvinen, and Rhian Stotts—Testing the Application of Adaptive Governance of Common Pool Resources: An Archaeological Perspective

207-d Kelsey Lowe and Lynley Wallis—Understanding Magnetically Enhanced Sediments in a Sandstone Rockshelter in Northern Australia

207-e Rebecca Rainville—Environmental Effects of the White River Tephra, Southern Yukon, Canada, and Their Implications for Human and Animal Populations in the Region: A High-Resolution, Multi-proxy Study

207-f George Jones, Michael Cannon, and Charlotte Beck—Appraisal of the Younger Dryas Occupation of Smith Creek Cave, Nevada

207-g Mike Cannon—Great Basin Hunter-Gatherer Subsistence, Settlement, and Labor Division: A Case Study from the Little Boulder Basin

207-h Erin Chineiwicz—The Effects of Sea-Level Rise on Coastal Archaeology, A Case Study: Tolowa Dunes State Park, Del Norte County, CA

207-i Gillian Edwards—Trans-Holocene Moisture Change in Northern Baja California: The Woodrat Assemblage from Abrigo de los Escorpiones

207-j Jean Larmon, John G. Jones, and Hector Neff—The Pacific Coast of Guatemala: A Palynological Exploration of Population and Climate Change during the Middle and Late Formative Periods

207-k Philip Nigst, Larissa Koulaivskaya, Vitaly Usik, Freddy Dambon, and Jean-Jacques Hublin—Exploring the Middle and Upper Palaeolithic of Western Ukraine

[208] **POSTER SESSION: LANDSCAPES AND SPATIAL ANALYSIS: GLOBAL CASE STUDIES II**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)  
**Time:** 8:00 AM - 10:00 AM

**Participants:**

208-a Willem VanEssendelft—The Road More Traveled: Paths and Spatial Relationships in the Aztec Empire

208-b Gregory Luna Golya—Late Aztec Settlement and Agriculture on Lake Xochimilco: Integrating Archaeological Data and Historic Landscape Imagery in a GIS

208-c Alex Kara—Total Station Mapping of Xultun, Guatemala

208-d Eric Fries—GIS-Assisted Survey and Predictive Model Testing in Western Belize

208-e Sean Stretton and Matthew Curtis—GIS Applications and Landscape Archaeology in the Gamo Borada Highlands of Southwestern Ethiopia

208-f Kristine Martirosyan-Olshansky and Boris Gasparyan—Reconnaissance in the Arpa River Valley of southeastern Armenia

208-g Yuichi Nakazawa, Akira Iwase, Masami Izuho, Toshiro Yamahara, and Minoru Kitazawa—An Evaluation of Site Occupation Intensity: Hearth-Centered Spatial Organization at the Upper Paleolithic Open-Air Site of Kawanishi C, Hokkaido, Japan
[209] SYMPOSIUM ■ FIELD SCHOOLS AND THE 2010 SENATOR PAUL SIMON STUDY ABROAD ACT
Room: 312 (HCC)
Time: 8:00 AM - 10:00 AM
Chair: Ran Boytner

Participants:
8:00 Ran Boytner—The Changing Dynamics of Archaeology Field Schools: Data from the Archaeological Institute of America (AIA), 2008-2012
8:15 Katherine Adelsberger and Benjamin Porter—are you Dhiban Strong? Designing, Promoting, and Managing a Middle Eastern Field School
8:30 Maria Lozada—Fact vs. Fiction: The Romantic Image of Field Schools
8:45 Barra O'Donnabain—Americans Abroad: Providing Meaningful Archaeological and Cultural Experiences in an English-Speaking Destination
9:00 Jennifer Perry—Field School Pedagogies: Agendas, Outcomes, and Adaptations
9:15 Brent Lane and Brian Billman—More than Research and Teaching: Examining the Social and Economic Impacts of Archaeological Field Schools
9:30 Rebecca Graff—Archaeological Field Schools as Global or as Local? A View from Chicago
9:45 Jane Buikstra—Discussant

[210] SYMPOSIUM ■ QUESTIONING PREVIOUS UNDERSTANDINGS OF ANCIENT MAYA COMMONERS, AGRICULTURE, AND POLITICAL ECONOMY: NEW INSIGHTS FROM CERÉN, EL SALVADOR
Room: 316B (HCC)
Time: 8:00 AM - 10:00 AM
Chair: Christine Dixon

Participants:
8:00 Christine Dixon—Questioning the Role of Manioc Agriculture and Farmer Autonomy: Agricultural Organization and Manioc Farming at Cerén, El Salvador
8:15 Theresa Heindel and Céline Lamb—Heterogeneity in Maize Fields: New Evidence from the 2011 Cerén Field Season
8:30 Alexandria Halmbacher—Wait Until You See What We Didn't Find: Interpreting Cleared Areas at Cerén, El Salvador
8:45 Celine Lamb—Domestic Vegetated Spaces at Cerén, El Salvador: An Ethnoarchaeological Approach
9:00 David Lentz, Christine Hoffer, and Angela Hood—The Lost World of the Zapotitan Valley: Cerén and Its Paleoecological Context
9:15 Payson Sheets—What Was that Sacbe Doing at Cerén?
9:30 Nan Gonlin—Discussant
9:45 Geoffrey McCafferty—Discussant

[211] SYMPOSIUM ■ REMEMBERING BERNARD WAILES: THE IMPORTANCE OF EUROPEAN LATER PREHISTORIC AND MEDIEVAL ARCHAEOLOGY FOR AMERICAN ANTHROPOLOGICAL ARCHAEOLOGY
Room: 311 (HCC)
Time: 8:00 AM - 10:30 AM
Chairs: Pam Crabtree and Peter Bogucki

Participants:
8:00 Peter Bogucki—“Disruptive Technologies” and the Transition to Agriculture in Northern and Western Europe
8:15 David Anthony—Why Should Archaeologists Care about Language? Lessons from the Old World
8:30 Antonio Gilman—States in the Later Prehistory of the Iberian Peninsula?
8:45 John Soderberg—Ceremonial Complexity: The Roles of Religious Centers in Ireland, from the Later Iron Age into the Early Medieval Period
9:00 Susan Johnston—Dún Ailinne Then and Now
9:15 Pam Crabtree—State Formation in Anglo-Saxon England
9:30 Alan Stahl—Numismatic Evidence from Antioch for the Interaction of Europe and the East in the Crusader Period
9:45 James Mathieu—Exploring Political Landscapes and Complexity One Year at a Time
10:00 Elizabeth Ragan—The Ghosts of Kings: Sociopolitical Complexity and Ethnogenesis at the Edge of Europe
10:15 Rachel Scott—Agricultural Innovation, Population Growth, and Human Health in Early Medieval Ireland

**[212] SYMPOSIUM: HUMAN NICHE CONSTRUCTION AS AN EVOLUTIONARY FRAMEWORK IN ANTHROPOLOGY**
*Room: 319A (HCC)
Time: 8:00 AM - 10:45 AM
Chair: Gyoung-Ah Lee*

Participants:
8:00 Bruce Smith—Discussant
8:15 Gary Crawford—Niche Construction in the Post-Pleistocene Lower Huanghe Valley of North China
8:30 Melinda Zeder—Niche Construction Theory and the Broad Spectrum Revolution
8:45 Peter Bleed and Daniel Osborne—Searching Lithic Technology and the Complex Control of Food for the Roots of Human Niche Construction
9:00 Marcus Feldman—Cultural Nice Construction and Its Consequences
9:15 Q&A
9:30 Doug Bird, Rebecca Bliege Bird, and Brian Codding—Aboriginal Australians as trophic Regulators: Fire, Hunting, and Niche Construction in the Western Desert of Australia
9:45 Josh Snodgrass and William Leonard—Effects of Social and Environmental Change on the Biology and Health of Contemporary Human Populations: A View from Siberia
10:00 Yan Pan—Aquatic Ecology, Anthropogenesis, and Resource Production in the Lower Yangzi Region during 10,000-6,000 B.P.
10:15 Gyoung-Ah Lee—Niche Construction through Cultivation in Prehistoric Korea: Engineering Environmental and Cultural Landscapes
10:30 Julien Riel-Salvatore—Discussant

**[213] SYMPOSIUM: SPECIALIZATION, INTENSIFICATION, AND DIVERSIFICATION IN NORTHWESTERN BELIZE**
*Room: 314 (HCC)
Time: 8:00 AM - 11:15 AM
Chair: Marisol Cortes-Rincon and Sarah Nicole Boudreaux*

Participants:
8:00 Timothy Beach, Timothy Beach, Sheryl Luzzadder-Beach, Nicholas Brokaw, and Stanley Walling—Wetland Field Systems at Chan Cahal, Chawak, and Ojos de Agua Northwestern Belize
8:15 Jeff Bryant—Soil Conservation and Capital: Building Testable Methods for Measuring Social Stratification in Soil Chemistry
8:30 Sheryl Luzzadder-Beach, Timothy Beach, Nicholas Brokaw, Stanley Walling,
SYMPOSIUM: APPROACHING A SYNTHESIS OF NASCA SOCIETY: RECENT RESEARCH ON THE PERUVIAN SOUTH COAST
Room: 317A (HCC)
Time: 8:00 AM - 11:30 AM
Chairs: Stefanie Bautista and Verity Whalen

Participants:
8:00 Larry Lopez, Kazutaka Omori, Masato Sakai, Giuseppe Orifici, and Minoru Yoneda—Impact of Past Climate Variability on Human Activities in Nasca, Peru
8:15 Hendrik Van Gijsegem and Stefanie L. Bautista—Changing Hydrological Conditions on the South Coast of Peru: Implications for Agricultural Practices and Sociopolitical Organization in the First Millennium A.D.
8:30 Johny Isla and Markus Reindel—Proto-Nasca, Nasca Inicial o Topará? en la formación de la sociedad Nasca
8:45 Charles Stanish and Henry Tantaleán—Recent Research on the Paracas and Carmen Occupations of the Chincha Valley
9:00 Stefanie Bautista and Liseth Rojas Pelayo—The Reuse of Space and Place during the Paracas-Nasca Transition: The case of Uchuchuma, Aja Valley, Peru
9:15 Markus Reindel and Johny Isla—Coast-Highland Interaction of the Nasca Society in the Palpa Region, South of Peru
9:30 Meghan Tierney—Representation of the Body in Nasca Sculptural Ceramics
9:45 Verity Whalen and Luis Manuel González La Rosa—What Came before Wari: Late Nasca Interregional Interaction and Community Politics
10:00 Deborah Spivak—Were the Nasca “Nasca” in the Middle Horizon?
10:15 Christina Conlee—Re-evaluating Nasca Society in the Southern Drainage: A Perspective from the Site of La Tiza
10:30 Masato Sakai, Jorge Olano, Yoichi Watanabe, and Isao Akojima—Human
Activities from the Late Paracas to Inca Period at the Pampas de Nasca, Southern Coast of Peru
11:00 Katharina Schreiber—Discussant
11:15 Q&A

[215] **SYMPOSIUM • MODELLING THE IMPACT OF ENVIRONMENTAL VARIABILITY ON HOMININ DISPERSALS**

**Room:** 305A (HCC)
**Time:** 8:00 AM - 11:45 AM
**Chairs:** Ariane Burke and Matt Grove

**Participants:**
8:00 Richard Potts—Alternating High- and Low-Climatic Variability Provided a Context for Variability Selection in Pleistocene East Africa
8:15 Susan Anton and J. Josh Snodgrass—Greener Pastures? Climate Variability and Dispersals in Early Homo
8:30 Martin Trauth—Human Evolution in a Variable Environment: The Amplifier Lakes of Eastern Africa
8:45 Gabriele Macho—Moving west – the Dispersal of *A. afarensis*
9:00 Matt Grove—Periods of Reduced Environmental Variability May Act as Windows for Hominin Dispersal
9:15 Kaye Reed and Jason Kamilar—Using Mammals to Understand Dispersion Patterns of Hominins in the African Plio-Pleistocene
9:30 Jordi Agustí and Hugues-Alexandre Blain—Climate Dynamics and Early Human Dispersal Out of Africa
9:45 Geoff Bailey, Geoffrey King, Maud Devès, Robyn Inglis, and Matt Williams—Dynamic Landscapes as Agents of Human Evolution and Dispersal
10:00 Ariane Burke, Masa Kageyama, Patrick James, Levavasseur Guillaume, and Guiducci Dario—The impact of Climate Variability on the Spatial Distribution of Human Populations during the Last Glacial Maximum
10:15 Paul Valdes, Masa Kageyama, and Ariane Burke—Modeling Climate Variability and the Impact on the Iberian Peninsula
10:30 Fabio Silva and James Steele—New Numerical Approaches to Modeling Hunter-Gatherer Geographical Range Dynamics
10:45 Colin Wren, Andre Costopoulos, and Ariane Burke—Putting (Hominin) Thought into Hominin Dispersal
11:00 Andy Shuttlesworth—The Silver Age – Neanderthal Foraging and Social Behaviors in MIS-3
11:15 Rene Bobe, Amelia Villaseñor, David Patterson, and Andrew Du—Geographic and Temporal Variation in Plio-Pleistocene East African Mammals
11:30 Chris Stringer—Discussant

[216] **SYMPOSIUM • TECHNOLOGY IN SOUTHWEST CHINA AND SOUTHEAST ASIA I: THE ORIGINS, SPREAD, AND DEVELOPMENT OF METAL PRODUCTION IN SOUTHWEST CHINA, SOUTHEAST ASIA, AND BEYOND**

**Room:** 324 (HCC)
**Time:** 8:00 AM - 11:45 AM
**Chair:** Anke Hein

**Participants:**
8:00 Kazuo Miyamoto—Reconsidering Modes of Contact between the Northern Chinese Bronze Culture and Those of Southwest China – The Crescent-Shaped
Exchange Belt Reconsidered

8:15 Anke Hein—The Special Case of Yanyuan: Steppe Influences, Southern Contacts, and Local Particularities as Reflected in a Bronze Assemblage from Southwest Sichuan

8:30 Giovanni Massa, Marcos Martinon-Torres, and Mark Aldenderfer—Chemical Compositions and Technological Traditions: A Study of Funerary Metal Artefacts from Samdzong (Upper Mustang, Nepal, c. 400-600 C.E.)

8:45 Francis Allard—The timing, Nature, and Sociopolitical Dimensions of Early Bronze Metallurgy in Southeast China

9:00 Richard Ehrich—The Sanxingdui Hoards—Representatives of a Systematic Deposition Practice?

9:15 WengCheong Lam—Trade, Market-Exchange, and Iron Artefacts in the Xinanyi (Southwestern Barbarians) Societies

9:30 TzeHuey Chiou-Peng—The Emergence of Copper-Based Metallurgy in Prehistoric Southeast Asia: Current Studies and Issues

9:45 Joyce White—Where Did the Early Bronze Technology in Thailand Come from?

10:00 Hsiao-chun Hung—The Emergence of Metal Age in Taiwan and Its Relation with Southeast Asia

10:15 Ambra Calo—Bronze, Copper, and Gold from the Metal Age Sites of Sembran and Pacung, Bali, Indonesia: Exchange and Local Production

10:30 Peng Peng—Was the Lost-Wax Casting Practiced in the Bronze Age China? A Case Study of the Rim Openwork Appendage of the Bronze Zun-Fan Set in the Tomb of Marquis Yi of Zeng

10:45 Masanari Nishimura—Early Bronze Casting and Its Cultural Impact of the Prehistory in Northern Vietnam

11:00 Vincent Pigott—Discussant

11:15 Alison Carter—Discussant

11:30 Q&A

[217] GENERAL SESSION ▶ ANALYZING SUBSISTENCE, MOBILITY, AND HEALTH
Room: 323C (HCC)
Time: 8:00 AM - 11:45 AM
Chair: Mark Collard

Participants:
8:00 Renato Kipnis and Pedro Da-Gloria—Paleodietary Patterns among Early Foragers in Lowland South America

8:15 Victoria Stosel—An Examination of Shellfish Utilization on San Nicolas Island, California

8:30 Kristina Kornblatt—Reexamining the Role of Marine Fish in the Lowland Maya Diet

8:45 Clarissa Cagnato—Integrating Macro- and Microbotanical Remains to Reconstruct Ancient Maya Plant Use in Northwestern Petén, Guatemala

9:00 Christian Gates St-Pierre and Robert Thompson—Phytolith Evidence of Maize Consumption during the Middle Woodland Period in Southern Quebec

9:15 Lana Martin—Modeling Political Organization and Food Production in Middle-Range Societies: A Case Study from Panamá


9:45 William Pestle, Christina Torres-Rouff, Mark Hubbe, Francisco Gallardo, and Gonzalo Pimentel—Moving Food, Moving People: Regional and Local Patterns of Dietary Variation in the Formative Period Atacama Desert, Northern Chile

10:00 Bradley Newbold—Addressing Diet Variability via Bayesian Multi-source Isotope
Mixing Models
10:15 Karen Privat, Shawn Ross, Adela Sobotkova, and Victoria Russeva—
Palaeodietary Analysis of Bronze Age Human Remains from Boyanovo, Bulgaria
10:30 Laura Weyrich, Christina Alder, Keith Dobney, Alan Walker, and Alan Cooper—
Ancient Dental Calculus Reveals Shifts in the Human Oral Microbiome
Corresponding with Neolithic Farming and the Industrial Revolution
10:45 April Nowell and Melanie Lee Chang—How to Make Stone Soup: Paleolithic
Archaeology and the “Paleo Diet”
11:00 Mark Collard, April Ruttle, Briggs Buchanan, and Michael O’Brien—Population
Size and Cultural Evolution in Non-industrial Food-Producing Societies
11:15 William Jerrems, John Dudgeon, and Clayton Meredith—Testing the Extinction
Paradigm: Evidence of Tool Manufacture from Extinct Megafauna at the End of
the Younger Dryas
11:30 Lynn-Marie Wieland—Fishing Tools at Richardson Park

[218] SYMPOSIUM SOCIAL IDENTITY IN FRONTIER AND BORDERLAND COMMUNITIES OF
THE NORTH AMERICAN SOUTHWEST
Room: 317B (HCC)
Time: 8:00 AM - 12:00 PM
Chairs: Karen Harry and Sarah Herr

Participants:
8:00 Karen Harry, Nathan Harper, and James Watson—Shaping Cultural Identity on
the Western Frontier of the Puebloan World
8:15 Aaron Woods and Ryan Harrod—Fremont? Virgin Branch Puebloan Farmers?
Or Something in Between? A Cross-Cultural Analysis of Material Culture and
Human Remains from Parowan Valley, the St. George Basin, and the Moapa
Valley
8:30 Lewis Borck—They Sought a Country: Gallina Resistance and Identity in the
New Mexican Highlands
8:45 Severin Fowles—On Pueblo Emergence
9:00 Nicholas Damp and Catherine Camerons—Negotiating Identity on the Frontiers
of the Chacoan World
9:15 Matt Peeples—Social Networks and Material Diversity in Population Centers
and Frontiers: An Example from the Chaco World
9:30 Kellam Throgmorton—Pit House Architecture and the Expression, Creation, and
Maintenance of Social Identity in the Puercan Valley, A.D. 600-900
9:45 April Peters and Bern Carey—Social Identities in the Deadman’s Wash Frontier
Zone North of Flagstaff, Arizona
10:00 Patricia Gilman—Different but Stable Peripheries in the Mimbres Region of
Southwestern New Mexico
10:15 Myles Miller—A Millennium of Identity Formation and Maintenance in the
Jornada Mogollon Region
10:30 Linda Gregonis—When the Frontier Is the Center: Social Identity in the Tucson
Basin
10:45 Sarah Herr and Jeffery Clark—Building Houses and Constructing Identities on
the Edge of the Hohokam World
11:00 Lauren Jelinek—Negotiating Identity in the Wake of Contact: Protohistoric
Peoples on the Northwestern Spanish Frontier
11:15 Katherine Spielmann—Discussant
11:30 Catherine Fowler—Discussant
11:45 Q&A
SYMPOSIUM on ENVIRONMENTAL CHANGE AND PAST HUMAN RESPONSES: HUMAN-ENVIRONMENTAL INTERACTIONS INSCRIBED ON THE SKELETON
Room: 301B (HCC)
Time: 8:00 AM - 12:15 PM
Chairs: Sian Halcrow and Gwen Robbins Schug

Participants:
8:00 Charlotte Roberts, Sarah Groves, Darren Grocke, and Geoff Nowell—Does Migration in Life Affect your Health? Stable Isotope and Palaeopathological Analysis of People Buried at Early Medieval Bamburgh, Northumberland, England
8:15 Kate Domett, Caitlin Evans, Nancy Tayles, and Nigel Chang—The Influence of Socio-Cultural Change on Osteoarthritis in Prehistoric Ban Non Wat, Thailand
8:30 Sian Halcrow, Nathaniel Harris, and Nancy Tayles—Endocranial Lesions in Infants and Children from Prehistoric Southeast Asia: Evidence for a Decline in Health with the Intensification of Rice Agriculture
8:45 Angela Clark, Nancy Tayles, and Siân Halcrow—Sexual Dimorphism and Environmental Change in Prehistoric Southeast Asia
9:00 Chinh-sin Liu and John Krigbaum—Population Dietary Diversity and Individual Life History of Late Metal Age Central Thailand
9:15 Benjamin Valentine and John Krigbaum—Aridity, Residence, and Resource Use: Stable Isotope Data from Indus Civilization Human Remains
9:30 Gwen Robbins Schug—Climate Change, Social Suffering, and Collapse: A View from Harappa
9:45 Ryan Harrod and Debra Martin—Climate and Conflict in the American Southwest: Bioarchaeological Analysis of the Relationship between Environmental Change and Interpersonal Conflict and Violence
10:00 Rachel Scott and Judith Littleton—An Investigation of Diet and Paleoenvironmental Change in Egypt ca. 4200 B.P. Using Dental Microwear Texture Analysis
10:15 Lana Williams, Sandra Wheeler, and Tosha Dupras—Solar or Social? The Seasonal Birthing Cycle of Kellis 2 Cemetery, Dakhle Oasis, Egypt
10:30 Ekaterina Pechenkina and Xiaolin Ma—The Consequences of the Mid-Holocene Climatic Optimum and Subsequent Cooling for Human Health in China’s Central Plains
10:45 Jo Ann Sakaguchi—Biological Adaptations to Environmental Stresses in the Minatogawa Fossils from Okinawa, Japan
11:00 Angela Lieverse, Vladimir Bazzaliskii, Olga Gorinova, and Andrzej Weber—Lower Limb Activity in the Cis-Baikal: Enthesal Changes among Middle Holocene Siberian Foragers
11:15 Jessica Metcalfe and Fred Longstaffe—Paleoenvironments of the Great Lakes Region Inferred from Stable Isotope Analysis of Mammoths and Mastodons: Implications for Clovis People
11:30 Hallie Buckley, Jean Christophe Galipaud, Truman Simanjuntak, Sian Halcrow, and Rebecca Kinaston—The possible Influences of Ecology in Island SE Asia and Oceania on Human Health during Austronesian Settlement
11:45 Judith Littleton, Melinda Allen, Gina MacFarlane, and Hannah Cowie—Humans and Other Animals: Environmental Change in the Marquesas
12:00 Michele Toomay Douglas, Michael Pietrusewsky, Marilyn K. Swift, Randy A. Harper, and Michael A. Fleming—Geographical Influences on Health in Ancient Mariana Islanders

GENERAL SESSION on SOCIO-CULTURAL IMPLICATIONS OF LITHIC PATTERNING
Room: 323A (HCC)
Time: 8:15 AM - 10:15 AM
Chair: Briggs Buchanan

Participants:
8:15 Lisa Fontes, Lawrence Straus, and Manuel González Morales—Spatial Distributions of Lithic Artifacts in the Lower Magdalenian Levels of El Mirón Cave, Cantabria, Spain
8:30 Sean Lynch—Portable-XRF Characterization of Archaeological Obsidian from the Middle Jomon and Okhotsk Periods on Rebun Island, Hokkaido, Japan
8:45 Michelle Lau, Dan Contreras, Nico Tripcevich, and Yuri Cavero—What to Make with So Much Obsidian?
9:00 Fernanda Neubauer—Playing with Projectile Points: Umbu Childhood Flinntknapping Imitation in Southern Brazil
9:15 Amy Gusick—Patterns of Lithic Reduction and Mobility during the Early Holocene on Santa Cruz Island, California
9:30 Guadalupe Sanchez Miranda and John Carpenter—The Distribution and Quantity of Clovis, Folsom, and Plainview Points and Sites: An Update and Critical Review of the Peopling of Mexico
9:45 Marvin Kay—Neolithic and Later Arrowheads from the Balkans
10:00 Briggs Buchanan, Mark Collard, and Michael O’Brien—Spatial Variation in the Shape of Clovis Points: A Geometric Morphometric Approach

Symposium: Identity and Heritage: Contemporary Challenges in a Globalizing World
(Sponsored by SAA, SAA Heritage Values Interest Group, ICOMOS International Scientific Committee on Archaeological)
Room: 306B (HCC)
Time: 8:15 AM - 11:15 AM
Chairs: Peter Biehl and Christopher Prescott

Participants:
8:15 Douglas Comer—Identity and Archaeology as Public Good
8:30 David Guilfoyle—Discussant
8:45 Sarah Tate—Bad Blood: An Examination of the Role of Federal Recognition and NAGPRA on American Indian Identity
9:00 James Zeidler—Presenting Archaeological Heritage: Identity and Interpretation in Heritage Tourism Development and Marketing
9:15 John Peterson—Co-opted Heritage: Political Action, Identity, and Preservation at the Pagat Site, Guam
9:30 Jennifer Campbell—Heritage Goes Viral: Internet Communication Technologies and the Production, Consumption, and Authentication of the Past
9:45 Krish Seethah, Saša Caval, and Diego Calaon—Heritage, Identity, and Pluralism: My Culture, Your Culture, Our Culture
10:00 Peter Dawson, Margaret Bertulli, Lyle Dick, and Lynn Cousins—Heritage Overlooked and under Threat: Fort Conger and the Heroic Age of Polar Exploration
10:15 Ronald Williamson and Robert MacDonald—Echoes of the Iroquois Wars: Contested Heritage and Identity in the Ancestral Homeland of the Huron-Wending
10:30 Manuel Gandara—Heritage Interpretation as a Conservation Tool in Mexican Archaeology: Theory and Practice
10:45 Margaret Comer—Ancient Bodies, Modern Ideologies – Bog Bodies and Identity in Denmark and Ireland
11:00 Jun Sunseri—Run Over by the Information Super Highway in Eastern California
SYMPOSIUM BEFORE BERINGIA: ARCHEOLOGICAL EVIDENCE AND LATE PLEISTOCENE POPULATION DYNAMIC IN CENTRAL AND NORTHEAST ASIA
Room: 318A (HCC)
Time: 8:15 AM - 11:30 AM
Chairs: Nicolas Zwyns, Damien Flas, and Bence Viola
Participants:
8:15 Damien Flas, Ksenia Kolobova, Dimitri Vandenbergh, and Konstantin Pavlenok—Middle Palaeolithic Blade Industries and Early Upper Palaeolithic with Carinated Bladelet Cores: New Data from Kulbulak (Uzbekistan)
8:30 Andrey Krivoshapkin and Kseniya Kolobova—The Upper Paleolithic Site of Dodekatym-2 (Uzbekistan)
8:45 Bence Viola—Geographic Clines in Neanderthal Morphology – the Central Asian Evidence
9:00 Michelle Glantz, Tyler Beeton, and Katharine Horton—Place and Space in Late Pleistocene Central Asia: Epistemological Constraints on Reconstructing Hominin Population Structure
9:15 Liudmila Lbova—Technological Traditions and Innovations in Primitive Art Siberia (Early Upper Paleolithic stage)
9:30 Masami Izuho, Hirotaka Oda, Ian Buvit, Mikhail V. Konstantinov, and Sergei G. Vasil'ev—New AMS 14C Ages for the Upper Paleolithic Site of Tolbaga in Southwestern Transbaikal (Russia)
9:45 Karisa Terry, Ian Buvit, and Mikhail V. Konstantinov—Technological Innovation or Dispersion? Transmission of Upper Paleolithic Core Reduction in the Transbaikal, Russia
10:00 Nicolas Zwyns—IUP United: Toward the Definition of a Sibero-Mongol Initial Upper Paleolithic technocomplex
10:15 Christopher Gillam, Sergei Gladyshev, Andrei Tabarev, B. Gunchinsuren, and John W. Olsen—Modeling Paleolithic Landscapes of Northern Mongolia
10:30 Seonbok Yi—Blade Industry at Rashaan Khad, Eastern Mongolia
10:45 Qiwenei Fu, Matthias Meyer, Xing Gao, Jiaruo Ke, and Svante Pääbo—DNA Analysis of an Early Modern Human from China
11:00 Christopher Morgan, Loukas Barton, Robert Bettinger, Mingie Yi, and Dongju Zhang—Behavioral Evidence for the Arrival (or Inception) of Modern Human Behaviors in Northwestern China during the Late Pleistocene
11:15 Fei Peng, Xing Gao, Huimin Wang, Fuyou Chen, and Shuwen Pei—Emergence of Late Palaeolithic in China: An Technological and Cognitive Perspective

SYMPOSIUM UP CLOSE AND PERSONAL: GENDERED MATERIALITIES AND THE COMPLEXITY OF SITUATED KNOWLEDGE IN THE EVERYDAY LIFE
Room: 325 (HCC)
Time: 8:30 AM - 11:45 AM
Chairs: Kimberly Kasper and Susan Kus
Participants:
8:30 Susan Kus—Intimate Landscapes Past and Present: Common Sense/Knowledge, Poetic Deliberation, and Political Propaganda in Central Madagascar
8:45 Peter Schmidt—Emerging Female Subaltern Histories in Tanzania: An Unforeseen Consequence of the HIV/AIDS Epidemic
9:00 Victor Raharijaona—“Dirty” politics and “earthy” poetics: Grounded Subsistence and Grounds for Resistance in the Highlands of Madagascar in the 19th Century
9:15 Nancy Highcock—The Royal Tombs at Nimrud: Jewelry and Status in the Afterlife of the Neo-Assyrian Queens
Saturday Morning, April 6

9:30 Kathleen Bragdon—The Trope of Conspicuous Consumption in Native Southern New England: Dress and Gendered Performance among 17th Century Ruling Elites

9:45 Kimberly Kasper—Daily Practice of “Hidden Harvests”: Post-Columbian Gender Dynamics and Traditional Ecological Knowledge in Southeastern New England

10:00 Jason Mancini—(Re)Collecting New England’s Indian Whalemens

10:15 Milton Moreland and Kimberly Kasper—Living “In High Cotton”: Women Plantation Owners in Antebellum West Tennessee

10:30 Deborah Rotman—Material Engagements and Social Encounters: Gendered Life in the Irish Immigrant Enclave of Beaver Island, Michigan, 1856-1903

10:45 Kelly Jenks—Considering Gender in a Nineteenth-Century Hispanic New Mexican Village

11:00 Rita Wright—Discussant

11:15 Sarah Nelson—Discussant

11:30 Q&A

Symposium Advances in Geoarchaeology
(Sponsored by Geoarchaeology Interest Group)
Room: 318B (HCC)
Time: 8:30 AM - 12:00 PM
Chair: Melissa Goodman-Elgar

Participants:
8:30 David Wright, Jeong-heon Choi, Jessica Thompson and Elizabeth Gomani-Chindebvu—OSL Dating of Landscape Change and Human Evolution in Northern Malawi

8:45 Christopher Ames, Carlos E. Cordova, April Nowell, James T. Pokines, and Michael S. Bisson—Hominin Occupation and Landscape Evolution at the Druze Marsh Site in Northeast Jordan

9:00 Rolfe Mandel—The Application of Geoarchaeological Methods in the Search for Pre-Clovis Sites in the Central Plains of North America

9:15 F. Scott Worman, Patrick Hogan, and Alexander Kurota—Burned and Blown Away: Hearth-Mound Sites at White Sands National Monument

9:30 Don Butler and Peter Dawson—Clarifying Hunter-Gatherer Site Structures using Fourier Transform Infrared Spectroscopy: A Case Study from a Talthiebi Settlement in the Canadian Sub-Arctic

9:45 Elizabeth Truman, Melissa Goodman-Elgar, John Dorwin, Stan Gough, and Nancy Stenholm—Exploration of Geoarchaeological Methods for Occupation Sites in the Pacific Northwest

10:00 Q&A

10:15 Anthony Barham, Philip Hughes, Marjorie Sullivan, Susan O’Connor, and Patrick Faulkner—Geoarchaeological Advances in Identifying Shell “Scatters” as Middens Located on Tropical Shorelines Influenced by Catastrophic Marine Inundation Events (Cyclones and Tsunamis)

10:30 Astolfo Araujo, Aldo Malagò, Olivia Ricci, and Felipe Sabatela—Microartifacts Redux: What Happened with the Potential for Site Discovery?

10:45 William Nanavati, Rachel Sullivan, Nichole Bettencourt, Louis Fortin, and Melissa Goodman-Elgar—Characterizing Tropical Anthrosols by Laser Diffraction Particle Size Analysis

11:00 Nichole Bettencourt—Techniques for South American Mudbrick Analysis

11:15 Susan Mentzer—Approaches to Integrating Multiple Geoarchaeological Analytical Methods in the Study of Archaeological Features

11:30 Christopher Miller—Deposits as Artifacts: Using Microfacies Analysis to Interpret Intrasite Settlement Dynamics
11:45 Scott Pike and Jordan Loos—The Use of pXRF on In-Situ Floor Deposits to Interpret activity Areas within Monumental-Scaled Structures at the Ness of Brodgar at UNESCO’s Heart of Neolithic Orkney World Heritage Site, Orkney, Scotland

[225] **Symposium Pushing Pastoral Boundaries: Patterns and Particulars in Pastoral/Non-Pastoral Relationships**

*Room:* 306A (HCC)
*Time:* 9:00 AM - 11:30 AM
*Chairs:* Lynne Rouse and Helina Woldekiros

**Participants:**
9:00 Steven Rosen—The Pastoral Nomadic Edge
9:15 Elena Garcea—Pushing Non-Pastoral Boundaries: Relationships between Pastoralists and Non-Pastoralists in Upper Nubia, Sudan
9:30 Lynne Rouse and Katherine Grillo—A Line in the Sand: Production and Technology Exchange between Mobile Pastoral and Urban Communities in Late Bronze Age Turkmenistan
9:45 Ian Lindsay—Political Arrangements among Farmers, Mobile Pastoralists, and Fortresses in the LBA Armenian Highlands
10:00 Carolyn Dillian, Emmanuel Ndiema, and Purity Kiura—Modeling Mid-Holocene Pastoral Interactions along Lake Turkana, Northern Kenya
10:15 Helina Woldekiros—Salt Trading and Interaction between the Ancient Aksumites of the Northern Ethiopian Highlands and Their Lowland Pastoralist Neighbors
10:30 Emily Hammer—Spatial Boundaries between Pre-modern Nomads and Farmers in Southeastern Turkey
10:45 Nicholas Tripcevich—Where to Pasture the Llamas within Town? Herders and Farmers in the Andean Highlands
11:00 Q&A
11:15 Michael Frachetti—Discussant

[226] **General Session Eurasia Archaeology: Steppes and Caucasus**

*Room:* 303A (HCC)
*Time:* 9:15 AM - 10:15 AM
*Chair:* Bastien Varoutsikos

**Participants:**
9:15 Brad Comeau and Jessica Slater—Dry Run on a Dry Well: An Experimental Investigation of Sintashta Metallurgy
9:30 Irina Demetradze—Roman Settlement Patterns in Eastern Caucasus
9:45 Nathaniel Erb-Satullo, Brian Gilmour, and Nana Khakhutaishvili—Transitional or Traditional? Technological Choice in Copper Production at the Cusp of the Iron Age in the Southern Caucasus
10:00 Bastien Varoutsikos, Ana Mgeladze, Christine Chataigner, and Manana Gabunia—Bavra-Ablari, a Late Neolithic-Chalcolithic Rockshelter in Djavakheti, Georgia

[227] **Symposium Not Just for Show: The Archaeology of Beads, Beadwork, and Personal Ornaments Part I**

(Sponsored by Zooarchaeology and Bone Technology Interest Group (ZBTIG))

*Room:* 323B (HCC)
*Time:* 9:30 AM - 11:45 AM
*Chair:* Daniella Bar-Yosef Mayer
Participants:

9:30 Jane Balme and Sue O'Connell—Traditions and Change in Scaphopod Shell Beads in the Southern Kimberley, Australia, from the Pleistocene to the Recent Past

9:45 Caroline Peschaux, Grégory Debout and Olivier Bignon—A "Bead's Time" within the Hunter-Gatherer Populations of the Upper Palaeolithic: Correlation between Personal Ornaments and Site Function in the Paris Basin (France)

10:00 Annelou Van Gijn, Wouter Verschoof, and Oona Passeniers—A Biographical Study of Middle and Late Neolithic Amber, Jet, and Bone Ornaments: Contributions from the Microscope

10:15 Paul Duffy, Paul R. Duffy, and Alice Choyke—Enchained Generations at Polgár-Csőszhalom: Bead Use Life through Experimental Conditions

10:30 Emily Epstein—Games, Exchange, and Stone: Hunter-Gatherer Beads at Home

10:45 Elliot Blair—Elemental Analysis of Glass Beads from Mission Santa Catalina de Guale

11:00 Maria Gurova, Clive Bonsall, Bruce Bradley, and Elka Anastassova—Experimental Approach to Prehistoric Drilling and Bead Manufacturing

11:15 Alison Damick and Marshall Woodworth—The Steatite Micro-beads from Tell Fadaous-Kfarabida: A Case Study in Early Bronze Age Technology and Trade in Northern Lebanon

11:30 David Bilton and Danielle A. MacDonald—Manufacturing Mortuary Beads on the Northwest Coast: Applications of Quantitative Microscopy to Bead Assemblages

[228] SYMPOSIUM ANIMAL SACRIFICE IN COMPLEX SOCIETIES: METHOD AND THEORY IN INTERPRETING ZOOARCHAEOLOGICAL ASSEMBLAGES
Room: 319B (HCC)
Time: 9:30 AM - 12:00 PM
Chairs: Nawa Sugiyama and Hiroki Kikuchi

Participants:

9:30 Hiroki Kikuchi—Horse Sacrifice in Pre-Qin Age, China

9:45 Masashi Maruyama and Hiroki Kikuchi—Domesticating Sacrifice: Changes in Animal Sacrifice in Ancient Japan

10:00 Jill Weber—Equid Burials at Umm el-Marra, Syria in the Mid-3rd Millennium B.C.: Sacrifice, Symbol, or Substitution?

10:15 Joel Klenck—Roman to Early Arab Subsistence Strategies in the Levant: Zoological Data from Tel-Mampsis and Tel-Nessana.

10:30 Sarah Ralph—Hold Your Horses! Sacrificial Deposits of Horses in First Millennium B.C. France

10:45 Nicolas Goepfert—From Tombs to Ceremonial Deposits: Sacrifice and Animal Offerings in the Mochica and Chimú Cultures, Northern Coast of Peru

11:00 Kitty Emery—Animal Sacrifices in the Ancient Maya World

11:15 Nawa Sugiyama—The Power of Sacrifice: Reconstructing the Life Histories of the Carnivores Deposited in the Moon Pyramid at Teotihuacan, Mexico

11:30 Nerissa Russell—Discussant

11:45 Q&A

[229] SYMPOSIUM EMPIRE, ECONOMY, AND URBAN SOCIETY AT AZTEC PERIOD CALIXTLAHUACA, MEXICO
Room: 315 (HCC)
Time: 9:30 AM - 12:00 PM
Chairs: Juliana Novic and Angela Huster

Participants:
9:30 Michael Smith—Archaeological Fieldwork at Calixtlahuaca
9:45 Maelle Sergheraert—Calixtlahuaca’s Embedded Carved Stones: Symbols of Religion, Power and Markers of Cultural Changes
10:00 Adrian Burke and Gilles Gauthier—Geochemical Characterization of Obsidian from the Toluca Valley Using XRF
10:15 Bradford Andrews—Calixtlahuaca Stone Tools: Technological Trends and Their Socioeconomic Implications
10:30 Juliesta Lopez, Marina Vega-Gonzalez, Manuel Aguilar-Franco, and Jose Luis Ruvalcaba-Sil—Stones That Speak. The Slate from Calixtlahuaca: Sources, Function, and Distribution
10:45 Angela Huster—Of Comales, Cotton, and Aztec Orangeware: The effects of Aztec Conquest at Calixtlahuaca
11:00 Jennifer Meanwell—A Petrographic Analysis of Domestic Pottery Consumption at Calixtlahuaca
11:15 Juliana Novic—Social Mixing in the Neighborhoods of Aztec Period Calixtlahuaca, Mexico
11:30 Ryan Smigieliski—Calixtlahuaca: A Comparative Analysis on Urban Features and Politics
11:45 Frances Berdan—Discussant

[230] SYMPOSIUM ON THE ANTHROPOLOGICAL ARCHAEOLOGY OF RICHARD A. GOULD
Room: 316A (HCC)
Time: 9:45 AM - 12:00 PM
Chair: Donald Holly
Participants:
9:45 Susan Patterson—To Follow in the Footsteps of a Master: The Indian Shaker Church and Tribal Identity in Northwestern California
10:00 Donald Holly—Richard Gould’s Contributions to Hunter-Gatherer Studies
10:15 Donald Pate—Archaeology and the Scientific Method: An Interdisciplinary Process Involving Successive Approximations toward a Past Behavioral Reality
10:30 Sherry Saggiaro—From Archaeological Experimentation to Applied Anthropology: Dick Gould, Materialism, and the Fashioning of an Anthropological Career
10:45 Anne S. Dowd—A Building Block of Anthropological Archaeology: Argument by Anomaly
11:00 Dave Conlin, Larry Murphy, and Daniel Lenihan—The Underwater World of Richard A. Gould
11:15 Krysta Ryzewski and Thomas Urban—“Archaeologists Will Do Anything to Get a Date!” Richard Gould’s Recent (and Unforgettable) Contributions to Scientific Inquiry and Community Archaeology
11:30 Katharine Woodhouse—Advocating Archaeology: Richard A. Gould’s Contributions to Applied Archaeology and Archaeological Engagement
11:45 Richard Gould—Discussant

[231] SYMPOSIUM ON ARCHAEOLOGY OF TLAXCALA, MEXICO
Room: 316C (HCC)
Time: 9:45 AM - 12:00 PM
Chair: David Carballo
Participants:
9:45 Mari Carmen Serra Puche—Un taller cerámico formativo en Xochitecatl-Cacaxtla
10:00 Monica Blanco—El ritual en contextos domésticos de Xochitécatl-Cacaxtla
10:15  Richard Lesure—Fashion, Collective Choice, and the Social Interpretation of Style in Mesoamerican Figurines: Two Cases from Formative Central Mexico

10:30  Luis Barba, Agustín Ortiz, Jorge Blancas, and David Carballo—Detección de estructuras arqueológicas enterradas y determinación de áreas de actividad en La Laguna, Tlaxcala

10:45  Ángel García Cook—El surgimiento de las grandes ciudades al altiplano central y el comportamiento de Tlaxcala durante el llamado periodo “clásico”

11:00  Ruth Fauman-Fichman—Small Site Obsidian Provisioning in the Tlaxcala Block

11:15  Richard Blanton, Lane Fargher, and Verenice Heredia Espinoza—Pottery, Production, and Politics at Late Postclassic Tlaxcallan

11:30  Aurelio Lopez Corral and Ramón Santacruz Cano—Counterbalancing Tlaxcallan Historical Records: The Archaeology of Noble Houses from Tepeticpac

11:45  Stephen Kowalewski—Discussant

[232]  **FORUM-MENTORING: PEAKS, PITFALLS, AND PERSPECTIVES**  
*(Sponsored by COSWA)*  
**Room:** 303B (HCC)  
**Time:** 10:00 AM - 12:00 PM  
**Moderator:** Jennifer Huff

**Participants:**  
Kristin Safi—Discussant  
Peter Lape—Discussant  
Jo Burkholder—Discussant  
Eleanor King—Discussant  
Barbara Roth—Discussant  
Beverly Chiarulli—Discussant  
Jennifer Tobey—Discussant  
William Whitehead—Discussant

[233]  **SYMPOSIUM-PACIFIC ISLAND GEOARCHAEOLOGY**  
*(Sponsored by Geoarchaeology Interest Group)*  
**Room:** 309 (HCC)  
**Time:** 10:30 AM - 12:00 PM  
**Chair:** Ian Buvit

**Participants:**  
10:30  Mike Carson—Palaeo-Terrain and Site Discovery in Pacific Islands Archaeology  
10:45  Ian Buvit, Masami Izuho, and Karisa Terry—Late Quaternary Stratigraphy of the Shimaki Paleolithic Site  
11:00  Kazuhiro Hayashi, Masami Izuho, Ian Buvit, Karisa Terry, and Tsubasa Kamei—Fabric Analysis of Lithic Artifacts at the Shimaki Site, Hokkaido, Japan  
11:15  Breanyn MacInnes and Ben Fitzhugh—Controlling for Landform Age When Determining the Settlement History of the Kuril Islands  
11:30  James Jordan, Herbert Maschner, Nicole Misarti, and Bruce Finney—Environmental Change and Long-term Occupation of the Eastern Aleutian Arc: The View from Sanak Island  
11:45  Masami Izuho—Discussant

[234]  **POSTER SESSION-MESOAMERICAN ARCHAEOLOGY**  
**Room:** Kamehameha Exhibit Hall III Foyer (HCC)  
**Time:** 10:30 AM - 12:30 PM
Participants:

234-a Becket Lailson Tinoco, Jorge Balamaseda, Luis Felipe Del Castillo, Niklas Schulze, and Ana Pelz—Primeras aplicaciones de datación por rehidroxilación en materiales arqueológicos de México

234-b Juan Sereno-Uribe and Israel Roman Ramos—Current Settlement Survey along the Coast of Guerrero, Mexico

234-c Lucas Hoedl—Shades of Black: Obsidian Distribution and Social Organization in the Tequila Valley Region of Jalisco, Mexico, during the Late Formative and Early Classic Period

234-d Judith Zurita-Noguera, Raúl Valadez Azúa, Bernardo Rodríguez Galicia, Diana Martínez Yrízar, and Emilio Ibarra Morales—Evidencias botánicas y zoológicas de los periodos Xolalpan tardío y Metepec en el sitio arqueológico de Teopancazco, Teotihuacan (siglos V y VI dC)

234-e Jeffrey Dobereiner—Putting Them in Their Place: Interpreting Preclassic Maya Settlement and Ceremonial Space at Rancho Bufalo, Chiapas, Mexico

234-f Sarah Levithol—Seeing Like the Maya: Understanding How the Sense of Sight Factored into the Construction of Central Piazas and Residential Units at the Site of Tamarindito, Guatemala through the Use of Viewshed Analysis

234-g Briana Bianco—Beekeeping Practices in Modern and Ancient Yucatán: Going from the Known to the Unknown

234-h Adam Blanford—Rethinking Tarascan Political and Spatial Organization

234-i Shelley Watts—Guajilar: Recovery and Burial Offerings

234-j Laura Griffin, Charles Stanish, and Henry Tantaleán—An architectural Landscape Association between a Linear Geoglyph and a Paracas/Carmen Pyramid in the Chinchá Valley, Peru

234-k Scotti Norman, Asa Cameron, Carla Hernandez, and Steven Wernke—Producing Colonial Place: GIS-Based Spatial Network Analysis of a Planned Colonial Town in Highland Peru

234-l Kristi Corrado—An Analysis of the Corriental Reservoir Volcanogenic Ash and Clay Sediment Deposits in Relation to Maya Land Management and...
Sustainability Practices in Tikal, Guatemala

[236] **POSTER SESSION**

**RECENT ADVANCES IN THE ARCHAEOLOGY OF THE NEPEÑA VALLEY, COASTAL ANCASH, NORTH-CENTRAL PERU**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)

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

**Chair:** David Chicoine

**Participants:**

- 236-a Koichiro Shibata—Food for Visitors? Feasting and Canis Consumption at Cerro Blanco de Nepeña
- 236-b Linda Scott Cummings, Peter Kovacik, Kathryn Puseman, Chad Yost, and Melissa Logan—What’s for Dinner? A Record of Past Culinary Practices from the First Millennium B.C.E. Nepeña
- 236-c Beverly Clement, David Chicoine, and Linda Cummings—Early Horizon Plant Use and Diet at Caylán: Insights from Macrobotanical Remains and Human Coprolites
- 236-d David Chicoine and Carol Rojas—Shellfish Resources and Maritime Economy at Caylán
- 236-e Kimberly Munro and David Chicoine—Grinding Stone and Plant Processing at Caylán: A GIS Study
- 236-f Kyle Stich—The Paleoethnobotany of Incipient Urbanism at Caylán
- 236-g Jacob Warner and David Chicoine—Grinding Stone and Plant Processing at Caylán: A GIS Study
- 236-h Caitlyn McNabb and Caitly McNabb—Water Management and Settlement Patterns in the Lower Nepeña Valley

[237] **POSTER SESSION**

**ARCHAEOLOGY AND ICONOGRAPHY IN THE MESETA PURÉPECHA: NEW RESEARCH IN THE PARICUTIN REGION**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)

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

**Chairs:** Tricia Gabany-Guerrero and Steven Hackenberger

**Participants:**

- 237-a Tricia Gabany-Guerrero and D’Nisha Bush—Concentric Circles and A/O Signs: Explorations in Purépecha (Michoacán, Mexico) Iconographic Connections to Mesoamerica
- 237-b Sandra Schreyer and Tricia Gabany-Guerrero—GIS and the Boundaries of Iconographic Research in Purépecha Territory (Michoacán, Mexico)
- 237-c Jarod Drozdowski, Steven Hackenberger, and Tricia Gabany-Guerrero—Mapping Power and Aligning Authorities: The La Alberca Ceremonial Complex and the Templo Viejo Site

[238] **POSTER SESSION**

**RECENT EXCAVATIONS AT THE TIWANAKU TEMPLE OF OMO: RED, WITH A GREEN CORNICE AND MANY ICHU ROOFS**

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)

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

**Chair:** Paul Goldstein

**Participants:**

- 238-a Sarah Baizel—Before and After: Burials and the Reuse of Ceremonial Space at the Omo M10 Temple, Moquegua, Peru
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(1) Hilton Hawaiian Village (HCC) = Hawaii Convention Center
Saturday Morning, April 6

238-b Alisen Dahlstedt and Paul Goldstein—Sacrifice and Ancestor Veneration in a Tiwanaku Temple: An Exploration of a Commingled Human Dedication Offering at Omo M10

238-c Paul Goldstein—Under Many Ichu Roofs: A New Reconstruction of the Omo M10 Tiwanaku Temple

238-d Jason Kjolsing—Out of the Sunken Court and Into the Back Rooms: Fractional Ritual Specialization at a Tiwanaku Temple

238-e Matthew Silek and Paul Goldstein—Excavations in the Omo Temple Middle Court: Implications for Access and Ritualized Movement in Tiwanaku Temples

238-f Erin Rodriguez—Construction and Use of Space at the Omo Temple Complex: Soil Micromorphological and Soil Chemical Approaches

238-g Patricia Palacios F.—Análisis textil de un entierro humano en el Templo de Omo M10

239 SYMPOSIUM LOSING CONTROL: INEQUALITY IN PERIODS OF POLITICAL COLLAPSE
Room: 303A (HCC)
Time: 10:45 AM - 12:00 PM
Chair: Nicholas Carter
Participants:
10:45 Martin Weber—Rethinking Collapse: Crafting Post-Imperial Identities in the Early Iron Age Northern Levant
11:00 Dimitri Nakassis—Livin' in a New World: Elite Strategies during the Mycenaean Collapse
11:15 Nicholas Carter—The Ajaw in Society: Terminal Classic Maya Representations and Practices of Inequality
11:30 Nicola Sharratt and Gabriela de los Rios Farfan—Representing and Misrepresenting Social Order: Ritual Space and the Collapse of the Tiwanaku State
11:45 Robert Haug—Recycled Elites: The Transformation of the Dihqâns in Early Islamic Khurâsân

240 GENERAL SESSION LANDSCAPES AND SPACE: CASE STUDIES FROM AROUND THE WORLD
Room: 316B (HCC)
Time: 10:45 AM - 12:00 PM
Chair: Joan Schneider
Participants:
10:45 Peter Bikoulis—Adapting Geographical Information Science Techniques to Study Settlement Logic: An Experiment in Site Exploitation Territory Analysis
11:00 Andrew Griffin—A GIS and Lithic Analysis of Changing Domestic Practices in Late Paleolithic Pyrenean France
11:15 Barbara Klessig and Jasmine D'Angelo—GIS and the Distribution of Textile Tools in Viking Age Graves in Gotland, Sweden
11:30 Joan Schneider and Yadmaa Tserendagva—A First View of a Mongolian Archaeological Landscape in the East Gobi Desert: Preliminary Results from an In-Progress Random Sample Inventory within Ikh Nartiiin Chuluu Nature Reserve
11:45 Paola Dematte and Jeremiah Watson—Xumishan, Ningxia, China: The Archaeology of Buddhist Grottoes

241 GENERAL SESSION THE ARCHAEOLOGY OF RITUAL
Room: 323A (HCC)
**Time:** 11:00 AM - 12:00 PM  
**Chair:** Brian Hayden

<table>
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<tr>
<th>Time</th>
<th>Participants</th>
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<tbody>
<tr>
<td>11:00</td>
<td>Kathleen Hull—Ritual as Performance in Small-scale Societies</td>
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<tr>
<td>11:15</td>
<td>Brian Hayden and Suzanne Villeneuve—The Power of Secret Societies in the Past</td>
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<tr>
<td>11:30</td>
<td>Joanne Baron and Caroline Parris—“You Must Carry Them, Feed Them, and Eat with Them”: Pre-Columbian Patron Deity Veneration and Its Modern Parallels</td>
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<tr>
<td>11:45</td>
<td>Stefan Woehlke and Kathryn Deeley—A New Look at West African Spirit Practices in Annapolis, Maryland</td>
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</table>
Saturday Afternoon ■ April 06, 2013

[242] SYMPOSIUM ■ THE BURREN OF COUNTY CLARE, IRELAND: A LABORATORY FOR SOCIAL ARCHAEOLOGY
Room: 303A (HCC)
Time: 1:00 PM - 1:45 PM
Chair: D Gibson

Participants:
1:00 D Gibson—Chalcolithic Chiefdoms? Evaluation of the Evidence from County Clare, Ireland
1:15 Carleton Jones—Roughan Hill: A Study of Chalcolithic and Early Bronze Age Society in Western Ireland
1:30 Michelle Comber—Reconstructing Medieval Irish Society – the Caherconnell Archaeological Project

[243] GENERAL SESSION ■ PALEOENVIRONMENTAL RECONSTRUCTION
Room: 318B (HCC)
Time: 1:00 PM - 2:00 PM
Chair: Elizabeth Scharf

Participants:
1:00 Elizabeth Scharf and Nicholas Schamens—Pollen and Sediment Samples from the Swamp West of Mound A at the Poverty Point Site, Louisiana (16WC5)
1:15 Calla McNamee, Christopher R. Moore, Mark J. Brooks, Andrew H. Ivester, and James K. Feathers—Microbotanical Analysis of Carolina Bay Sand Rims: Reconstructing Holocene Vegetation and Paleoenvironment through Phytolith Analysis
1:30 Gabrielle Purcell—The Development of Maize Agriculture in the Smoky Mountains
1:45 Martina Steffen—A Late Pleistocene Association of Arctodus simus and Ursus arctos from Pellucidar Cave on Vancouver Island, Including DNA analyses

[244] SYMPOSIUM ■ ARCHAEOLOGY IN MICRONESIA: CURRENT RESEARCH AND FUTURE DIRECTIONS
Room: 301B (HCC)
Time: 1:00 PM - 2:45 PM
Chairs: Maureece Levin and Katherine Seikel

Participants:
1:00 Katherine Seikel and William Ayres—Architectural Analysis of Stone Monuments from Pohnpei
1:15 Helen Alderson and Mark D. McCoy—Geochemically Sourcing the Architectural Basalt of Nan Madol: New pXRF Results from the 2012 Field Survey in Nan Madol, Pohnpei, Federated States of Micronesia
1:30 Maureece Levin—Paleoethnobotanical Evidence from Food Production Sites on Pohnpei, Micronesia
1:45 Adam Thompson—The Early Settlement of Mwoakilloa Atoll
2:00 Rosalind Hunter-Anderson—Niche Dynamics in Late-Holocene ISEA and the Mariana Islands, Micronesia
2:15 Suzanne Finney and Sylvia Kloulubak—Contextualizing the Historic Landscape in the Republic of Palau
2:30 William Ayres—Discussant

[245] FORUM ■ THE INDUS CIVILIZATION REVITALIZED — EVALUATION OF SETTLEMENT HISTORIES, ECOLOGICAL VARIABILITIES AND ADAPTATIONS
Room: 309 (HCC)
Time: 1:00 PM - 3:00 PM
Moderator: Rita Wright
Participants:
Carrie Hritz—Discussant
Adam Green—Discussant
Heather Miller—Discussant
Kathleen Morrison—Discussant
Vasant Shinde—Discussant
Steve Weber—Discussant
Cameron Petrie—Discussant
Richard Meadow—Discussant
Joseph Schudlenrein—Discussant

[246] FORUM ■ KEEPING A GOOD HEART: NAGPRA PLATEAU STYLE
Room: 306A (HCC)
Time: 1:00 PM - 3:00 PM
Moderator: Angela Neller
Participants:
Jacqueline Cook—Discussant
Lourdes Henebry-DeLeon—Discussant
Vivian Harrison—Discussant
Velma Valdez—Discussant
Angela Neller—Discussant

[247] SYMPOSIUM ■ NEW TECHNOLOGIES IN ARCHAEOLOGY
Room: 305A (HCC)
Time: 1:00 PM - 3:15 PM
Chairs: Ann Killebrew and Brandon Olson
Participants:
1:00 Maurizio Forte—3D-Archaeology: New Perspectives and Challenges
1:15 Brandon Olson and Ann Killebrew—New Directions in Three-Dimensional Recording in Archaeology
1:30 Leore Grosman, Uzy Smilansky, Avshalom Karasik, and Ortal Harosh—3D Tools for Archaeological Artifact – Documentation, Classification, and Investigation
1:45 Donald Sanders—Virtual Heritage: Researching and Visualizing the Past in 3D
2:00 David Schoen and Sandra Schoen—Organizing and Integrating Archaeological Data
2:15 Sarah Kansa and Eric Kansa—Getting the Big Picture by Linking Small Data
2:30 Elizabeth Yakel, Ixchel Faniel, Eric Kansa, and Sarah Kansa—Digital Archaeological Data: Curation, Preservation, and Reuse
2:45 Thomas Levy—Cyber-Archaeology: The Future of the Past
3:00 Q&A

[248] SYMPOSIUM ■ NOT JUST FOR SHOW: THE ARCHAEOLOGY OF BEADS, BEADWORK,
AND PERSONAL ORNAMENTS PART II
(Sponsored by Zooarchaeology and Bone Technology Interest Group (ZBTIG))
Room: 323B (HCC)
Time: 1:00 PM - 3:30 PM
Chair: Alice Choyke

Participants:
1:00 Philip Slater, Stanley Ambrose, Polly Wiessner, and Marina Drigo—Ostrich Eggshell Strontium Isotope Analysis: Preliminary Results and Implications for Reconstructing Prehistoric Exchange Systems in the African Late Stone Age
1:15 Teresa Wriston and Gary Haynes—Isotope Analysis of Ostrich Eggshell from Impala Shelter, Zimbabwe and What It Tells Us about Paleoenvironments, Landscape Use, and Trade during the Holocene
1:30 Ashton Spatz—Ornamental Shell Beads as Markers of Exchange in the Pre-Pottery Neolithic B Southern Levant
1:45 Dana Shaham and Anna Belfer-Cohen—The Natufian Audio-Visual Pendant from Hayonim Cave
2:00 Alexis Jordan—When Is a Bead Not a Bead? Exploring the Function of an Enigmatic Iron Age Ornament
2:15 Adrian Velazquez, Patricia Ochoa, Norma Valentin, and Belem Zúñiga—A Nacreous Shell Pendant from Nexpa, Morelos
2:30 Tsim Schneider and Lori Hager—Stories from Stone, Bone, Shell, and Glass: Digital Imaging and the Analysis of a Bead Assemblage from the Napa Valley, California
2:45 Lisa Dugas—Bone Beads from the Monongahela Tradition
3:00 Daniella Bar-Yosef Mayer—Mud beads in the Levant: Chronology, Distribution, Composition and Symbolism
3:15 Alison Brooks—Discussant

SYMPOSIUM TECHNOLOGY IN SOUTHWEST CHINA AND SOUTHEAST ASIA II:
WORKING WITH STONE, CERAMICS, AND OTHER MATERIALS — TECHNOLOGICAL INNOVATION IN SOUTHEAST ASIA, SOUTHWEST CHINA, AND BEYOND
Room: 324 (HCC)
Time: 1:00 PM - 3:45 PM
Chair: Alison Carter

Participants:
1:00 Mark Aldenderfer and Margarita Gleba—Textile Technology in Nepal in the 5th-8th Centuries CE: The Case of Samdzong
1:15 Alison Carter—The Production of Stone Beads in Southeast Asia
1:30 Pochan Chen—Making Salt among Rocks – the Reconstruction of Ancient Salt Production in Yangpu, Hainan Island, China
1:45 Andrea Yankowski—Salt Production in Southeast Asia – a Comparative Approach
2:00 Darith Ea and Darith Ea—The Torp Chey Ceramic Kiln Site
2:15 Michael Dega and Kaseka Phon—The Ceramic Production Center of Cheung Ek, Phnom Penh, Kingdom of Cambodia
2:30 Kuei-chien Lin—Pottery Production in the Ancient Chengdu Plain
2:45 Ling-yu Hung and Jianfeng Cui—Development of Neolithic Potting in the Eastern Tibetan Plateau
3:00 Rachel Hoerman—Exploring the Informative Potential of Southeast Asian Rock Art Technologies
3:15 Anke Hein—Discussant
3:30 Q&A
[250] SYMPOSIUM COMMON GROUNDS: INNOVATIVE INTERNATIONAL PERSPECTIVES ON GROUND STONE STUDIES  
Room: 319B (HCC)  
Time: 1:00 PM - 4:15 PM  
Chair: John Arthur  

Participants:  
1:00 Michael Searcy—Accessories of Modern Mayan Grinding Stones  
1:15 Juan Albaitero—Manos and Metates from San Nicolas de Los Ranchos, Part-Time Stoneworkers on Non-industrialized Production  
1:30 Martin Biskowski and Jessica Jones—Early Formative Grinding Tools at Paso de la Amada  
1:45 Mark Basgall—Understanding the Early Milling Technologies of Western North America  
2:00 Tammy Buonasera—More Than Acorns and Small Seeds: Extra-Utilitarian Aspects of Ground Stone from the South San Francisco Bay Area  
2:15 Laurie Nixon-Darcus and A. Catherine D'Andrea—Making A Met'han – The Manufacturing of Grindingstones in Northern Ethiopia  
2:30 John Arthur—Thunder Teeth (Dada Achay): An Ethnoarchaeological Study of Ground Stones among the Gamo of Southwestern Ethiopia  
2:45 Emanuela Cristiani and Dusan Boric—Ground Stones and Mesolithic Lifeways: Techno-functional and Residue Studies from South-East Europe  
3:00 Leo Hosoya—What to Grind? Significance of Grinding Stones in Prehistoric East Asia, from Ethnoarchaeological and Experimental Viewpoints  
3:15 Ayako Shibutani—Needs and Passions of Plant Food Consumption: Starch Reveals Functions of Ground Stone Tools and Pottery in Prehistoric Japan  
3:30 David Zeannah—A Technological Reanalysis of the Ground Stone Technology at Puntutjarpa Rockshelter  
3:45 Jeanne Binning and Joan Schneider—Poi Pounders in the Archaeological Record of the Hawaiian Islands  
4:00 Q&A

[251] SYMPOSIUM FORENSIC ARCHAEOLOGY AT THE JPAC-CIL: EXCAVATING THE ATYPICAL IN THE MODERN WORLD  
Room: 314 (HCC)  
Time: 1:00 PM - 4:15 PM  
Chairs: Owen O'Leary and Denise To  

Participants:  
1:00 Owen O'Leary and Denise To—The History of the Joint POW/MIA Accounting Command and America’s Efforts to Recover Its Fallen Service Members  
1:15 Kelley Esh, Andrew Pietruszka, and Penny Minturn—Defining Forensic Archaeology at JPAC CIL  
1:30 Denise To and Owen O'Leary—Excavating the Atypical with the Central Identification Laboratory: When the Uncommon and Extreme Become the Norm  
1:45 Jesse Stephen and Hugh Tuller—Atypical Effects of Aircraft Crashes and Bomb Explosions on the Succession of Archaeological Contexts: Three Case Studies from WWII and Vietnam  
2:00 Sabrina Taala—Ordinance as Artifact: The Role of Explosive Materials on JPAC Sites  
2:15 Cullen Black and Joshua Toney—Socio-Political Organization, Memory, and Landscape in the Search for Missing U.S. Service Members from the War in Vietnam  
2:30 Q&A  
2:45 Andrew Pietruszka and Richard Wills—Forensic Archaeology Underwater:
JPAC’s Inventory, Investigation, and Recovery of U.S. Casualties of War from Submerged Sites
3:00  Ashley Burch, Jennie Jin, Carrie LeGarde, and Elizabeth Okrutny—Don’t Be Fooled By Taphonomy
3:15  Calvin Shiroma and Bradley Jones—A Comparison of U.S. and Republic of Korea Dental Care Recovered from Korean War Remains
3:30  Sean Tallman and Mindy Sim—Challenging Archaeology: Archaeological Approaches to the Recovery of Human Remains from Papua New Guinea
3:45  Derek Congram and Greg Berg—Archaeological Recovery at an Aircraft Crash Site on a Glacier
4:00  Marin Pilloud and Mary Megyesi—Human Remains in a Glacial Environment

Symposium Turquoise and Blue-Green Stones in the Southwest, Northern Mexico, and Mesoamerica: Where Mined, What Produced, Who Consumed?
Room: 306B (HCC)
Time: 1:00 PM - 4:30 PM
Chairs: Emiliano Melgar and Emiliano Gallaga

Participants:
1:00  Frances Mathien and Sharon Hull—Turquoise in the Chaco World
1:15  Heidi Roberts, Sharon Hull, and Mostafa Fayek—Sourcing Turquoise Artifacts from Seven Archaeological Sites in the Eastern Great Basin
1:30  Sharon Hull, Timothy D. Maxwell, Mostafa Fayek, and Rafael Cruz Antillón—Chasing Beauty: Evidence for Southwestern U.S. Turquoise in Mexico
1:45  Alyson Thibodeau, Leonardo López Luján, David Killick, and Joaquin Ruiz—Isotopic Evidence for the Source of Turquoise in Mesoamerica
2:00  Jose Ruvalcaba, Emiliano Melgar, and Kilian Lacla—Study by Non-Invasive In-situ Spectroscopies of Turquoise Mesoamerican Artifacts
2:15  Emiliano Gallaga and Emiliano Melgar—‘Turquoise Passing by’: Blue Items from the Onavas Valley, Sonora, Mexico
2:30  Saul Hedquist and Alyson Thibodeau—Sacred Turquoise: Blue-Green Stone in the Late Prehispanic Pueblo World
2:45  Marcus Winter, Robert Markens, and Cira Martinez-López—Late Postclassic Turquoise Mosaic Artifacts from Oaxaca
3:00  Emiliano Melgar—The Manufacturing Techniques of the Turquoise and Blue-Green Objects in Mesoamerica
3:15  Ernesto Gonzalez-Licon—Mixtec Hieroglyphic Turquoise Tablets in the Cañada Region: Function and Meaning
3:30  José Medina González and Baudelina García Uranga—La turquesa en Alta Vista, narrativas versus evidencias
3:45  Isabel Medina-González—Archaeological Conservation: A Tool for Preserving and Researching Turquoise Artifacts from Alta Vista, Zacatecas
4:00  Ben Nelson—Discussant
4:15  Frances Berdan—Discussant

Symposium Archaeometric Methods, Archaeological Materials, and Ancient Technologies
(Sponsored by Society for Archaeological Sciences)
Room: 318A (HCC)
Time: 1:00 PM - 4:30 PM
Chairs: Vanessa Muros and Ioanna Kakoulli
Participants:
1:00 Bryan Cockrell, José Luis Ruvalcaba Sil, and Edith Ortiz Díaz—Several Roads Lead to Chichén Itzá: Tracing the Fabrication Histories of Metals Deposited in the Cenote Sagrado
1:30 Christian Wells—Integrated Archaeometric Analysis of the Context and Contents of an Ulúa-Style Marble Vase from the Palmarejo Valley, Northwest Honduras
1:45 Kathryn Ette—Panama Purple: Investigating a Misunderstood Technique
2:00 Michael Deibel, Emily Stovel, and William Whitehead—Changes in Mortuary Ceramics and Ritual between the Middle and Late Intermediate Periods (A.D. 500-1450): Using pXRF in Northern Chile
2:15 Michael Gregg and Greg Slater—Improving the Diagnostic Capabilities of GC-C-IRMS Analyses of Organic Residues in Archaeological Pottery
2:45 Vanessa Muros—Analyzing Deteriorated Glass Using pXRF: A Preliminary Study of Vitreous Beads from the Late Bronze Age/Early Iron Age Tumulus of Lofkënd
3:00 Marc Walton, Karen Trentelman, Brendan Foran, and Apurva Mehta—Characterization of 5th C.B.C. Athenian Pottery Black Gloss Slips
3:15 Brett Kaufman—Empire without a Voice: Phoenician Iron Metallurgy and Imperial Strategy at Carthage
3:30 Colleen Bell, Miriam Belmaker, and Donald Henry—Comparison between 3D Geometric Morphometric Analysis over Traditional Linear Methods in Lithic Assemblages: Tor Faraj, Jordan, a Middle Paleolithic Site as a Case Study
3:45 Cynthia Debono Spiteri, Amanda Henry, and Oliver Craig—Lipid Analysis and Plant Residue Identification: New Perspectives
4:00 Robert Tykot—Discussant
4:15 Q&A

Symposium: People and Plants: Migration and Exchange in the Circum-Caribbean
Room: 323C (HCC)
Time: 1:00 PM - 4:30 PM
Chairs: Ivan Roksandic and David Smith

Participants:
1:00 Ivan Roksandic—Possible Sources of Migration in the Circum-Caribbean: Linguistic Introduction to an Archeological Debate
1:15 Carney Matheson, Felicia Joseph, Ivan Roksandic, Roberto Rodríguez Suárez, and Antonio Martínez-Fuentes—A Re-evaluation of Genetic Evidence for the Human Migrations into Cuba
1:30 David Smith—Introduction to People and Plants: Migration and Exchange in the Circum-Caribbean
1:45 Bill Buhay, Yadira Chinique de Armas, Roberto Rodríguez, David Smith, and Mirjana Roksandic—Food Producers or Gatherers: Bioarchaeological and Geochemical Evidence of Cultivation at Canimar Abajo, Cuba
2:00 Menno Hoogland, Hayley Mickleburgh, and Anne van Duijvenbode—Mortality and Bioarchaeological Expressions of Identity: Spatial and Chronological Variation throughout the Ceramic Age in the Caribbean archipelago
2:15 Darlene Weston, Roberto Valcárcel Rojas, Menno Hoogland, and Corinne
Hofman—Communities in Contact: Health and Paleodemography at El Chorro de Maita, Cuba
2:30 Mirjana Roksandic, Carlos Arredondo, Yadira Chinique des Armas, and Stephanie Armstrong—Changes in Mobility between Two Levels of Canimar Abajo Cemetery, Matanzas, Cuba: Paleodemographic Evidence
2:45 Jason Laffoon—Human Paleomobility in the Circum-Caribbean: New Insights from Isotope Analyses
3:00 Jason Yaremko—Diaspora, Transculturation, and the Layers of Indigenous Existence in the Caribbean: Cuba as Microcosm
3:15 William Keegan—Discussant
3:30 Corinne Hofman—Discussant
3:45 Jago Cooper—Discussant
4:00 Reniel Rodriguez Ramos—Discussant
4:15 Mary Jane Berman—Discussant

[255] SYMPOSIUM UNDERSTANDING THE HAWAIIAN PAST: A SESSION IN HONOR OF FOUR DECADES OF ARCHAEOLOGY BY PATRICK V. KIRCH
Room: 311 (HCC)
Time: 1:00 PM - 4:45 PM
Chairs: Mark McCoy, Jennifer Kahn and Marshall Weisler

Participants:
1:00 Melinda Allen—Hawaiian Origins: The Marquesan Homeland Hypothesis Revisited
1:15 Marshall Weisler—A Comprehensive Approach to Dating Human Colonization of Pristine Landscapes
1:30 Carl Christensen—The Archaeology of Cryptogenic and Prehistorically Translocated Freshwater Mollusks in the Hawaiian Islands
1:45 Thegn Ladefoged and Michael Graves—The Evolution of Social Complexity in Polynesia: How Patrick Kirch Transformed the Study of Prehistoric Development
2:00 Oliver Chadwick, Peter Vitousek, and Sara Hotchkiss—Farming the Rock: A Biogeochemical Perspective on Intensive Agriculture in Polynesia
2:15 Robert Hommon—The Kealakekua Region: Salubrious Core, Political Center
2:30 Thomas Dye—Wealth in Old Hawai‘i: A Regional Chronology of Leeward Kohala, Hawai‘i Island
2:45 Q&A
3:00 Jennifer Kahn—Household Archaeology and “House Societies” in the Hawaiian Archipelago
3:15 Mark McCoy—The Significance of Religious Ritual in Ancient Hawai‘i
3:30 Peter Mills and Steven Lundblad—Current Perspectives on Hawaii’s Stone Tool Economies
3:45 James Bayman—Culture, History, and Colonialism in the Hawaiian Islands
4:00 James Flexner—The Historical Archaeology of States and Non-States: Anarchist Perspectives from Hawaii and Vanuatu
4:15 Kathleen Kawelu—Community-Based Research: The Next Step in Hawaiian Archaeology
4:30 Patrick Kirch—Discussant

[256] SYMPOSIUM CONTEMPORARY APPROACHES TO HISTORY AND CHRONOLOGY BUILDING: PERSPECTIVES FROM THE EASTERN MAYA LOWLANDS
Room: 315 (HCC)
Time: 1:00 PM - 4:45 PM
Chairs: Valorie Aquino and Mikael Fauvelle
Participants:
1:00  Mikael Fauvelle, Andrew Somerville, and Andrew Froehle—Diachronic Change in Maya Diet and Status: New Perspectives from the Eastern Maya Lowlands
1:15  Valorie Aquino, Keith M. Prufer, and Douglas J. Kennett—Chronological Calibration and the Dynamics of Climate and Culture Change at the Lowland Maya Center of Uxbenká, Belize
1:30  Jillian Jordan, Jillian Jordan, and Keith Prufer—Integrating Ceramic and AMS 14C Chronologies at the Classic Maya Center of Uxbenká, Belize
1:45  Claire Novotny—Households and Hinterlands: Synthesizing a Regional Chronology for the Toledo District of Southern Belize
2:00  Keith Prufer—A Multi-Proxy Regional Chronology for Southern Belize
2:15  Geoffrey Braswell and Beniamino Volta—Absolute and Relative Time: Understanding the Chronology of Chichen Itza
2:30  Q&A
2:45  Brett Houk, Gregory Zaro, Brendan Culleton, and Douglas Kennett—All Our Yesterdays: Alternative Histories of La Milpa, Belize
3:00  Julie Hoggarth—Using Multivariate and Quantitative Methods for Understanding Diachronic Change: Classic to Postclassic Household and Community Dynamics at Baking Pot, Belize
3:15  Nancy Peniche May—Constructing Chronologies from Buildings: Excavations at Plaza B of Cahal Pech, Belize
3:30  Wendy Dorenbusch—Scratching the Surface: A Preliminary Chronology of the Northwest Settlement of Cahal Pech, Belize
3:45  Anna Novotny—History and Genealogy among Ancient Maya Commoners of the Belize River Valley, Belize
4:00  David Mixter and Lisa LeCount—Dating Actuncan: Contextualizing Social and Political Transitions within a Long-Lived Maya Center
4:15  Geoffrey Braswell—Discussant
4:30  Douglas Kennett—Discussant

SYMPOSIUM LESSONS FROM THE TRENCHES II: NEW PEDAGOGIES OF ARCHAEOLOGY AND HERITAGE (Sponsored by Heritage Values Interest Group)
Room: 316C (HCC)
Time: 1:00 PM - 5:00 PM
Chair: Phyllis Messenger

Participants:
1:00  Emanuela Bocancea and Krysta Ryzewski—Early Lessons on Archaeology: Teaching Archaeological Stewardship to Young Students on the Caribbean Island of Montserrat
1:15  Robert MacDonald—Public Issues Anthropology as a Framework for Teaching Archaeology and Heritage Resource Management
1:30  Elizabeth Kryder-Reid—Do the Homeless Have Heritage? Thinking Globally and Acting Locally in Indianapolis
1:45  Shereen Lerner and Rachel Most—Active Archaeology for Undergraduates
2:00  Eleanor King—African Americans, American Indians, and Heritage Education
2:15  Bonnie Clark—Creating Communities of Memory: The DU Amache Field School
2:30  Willem Willems—Learning by Doing: Dilemmas in Practice and Other Heritage Education Issues
2:45  Sandra Scham—Heritage and Cultural Diplomacy
3:00  Phyllis Messenger—Gender, Archaeology, and the Pedagogy of Heritage
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<td>3:15</td>
<td>Carol Ellick</td>
<td>Beyond the Classroom: Transitioning from Student to Career</td>
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<td>3:30</td>
<td>Beverly Chiarulli</td>
<td>Using Archaeological Geophysics to Develop Student Professionalism</td>
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<td>3:45</td>
<td>Phillip Neusius, Sarah Neusius, Beverly Chiarulli, and Ben Ford</td>
<td>Teaching Heritage Values to Applied Archaeology Students</td>
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<td>4:00</td>
<td>Dean Snow</td>
<td>Teaching Archaeology in the Information Age</td>
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<td>4:15</td>
<td>Elaine Franklin and Elaine Franklin</td>
<td>Disruptive Innovations and the Potential for New Pedagogies in Archaeology and Heritage Education: A View from 35,000 Feet</td>
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<td>4:30</td>
<td>Elizabeth Chilton</td>
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<td>4:45</td>
<td>Larry Zimmerman</td>
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**Symposium: Circumpolar Ceramics: Pottery Technology and the “Foraging Spectrum”**

- **Room:** 301A (HCC)
- **Time:** 1:00 PM - 5:00 PM
- **Chairs:** Kevin Gibbs and Peter Jordan

**Participants:**

1:00  Junzo Uchiyama—Investigating the Socio-Economic Contexts of Early Pottery Innovation in Jomon Japan (Honshu and Kyushu), ca. 16,500-7,500 B.P.
1:15  Hirofumi Kato and Hirofumi Kato—Mobile or Settled: Cultural Functional Diversities of Prehistoric Pottery in Hokkaido Island
1:30  Shelby Anderson—The Difficulty of Sourcing Hunter-Gatherer Pottery: A Case Study from Northern Alaska
1:45  Erik Gjesfjeld—Hunter-Gatherer Pottery Production, Use, and Exchange in the Remote Kuril Islands
2:00  Peter Hommel, Peter Day, Peter Jordan, and Viktor Mikhailovich Vetrov—Vessels of the Vitim: A Study of Ust’-Karenga and Ust’-Yumurchen Ceramics
2:15  Liam Frink and Karen Harry—An Experimental Examination of Central Canadian Arctic Hunter-Gatherer Pottery and Soapstone Containers
2:30  Toshiro Yamahara—Early Pottery in East Hokkaido, Japan
2:45  Fredrik Hallgren—A Grinding Halt: On the Western Boundary in the Spread of Early Hunter-Gatherer Pottery in Fennoscandia
3:00  Rick Knecht, Ana Jorge, and Kate Britton—The Form and Function of Ceramics in Arctic Prehistory
3:15  Tetsuhiro Tomoda—Pottery Diversity and Cultural Connections in Northern Japan
3:30  Karine Tache and Oliver Craig—Patterns of Early Pottery Uses in Northeastern North America: Insights from Organic Residue Analysis
3:45  Sven Isaksson, Peter Jordan, and Kevin Gibbs—Same but Different: Pottery-Use among Prehistoric Hunter-Gatherers in NW and NE Eurasia
4:00  Oliver Craig, Carl Heron, Junko Habu, Mio Katayama Owens, and Yastami Nishida—Specialization in the Use of Hunter-Gatherer Pottery from Japan? Evidence from Lipid Residues
4:15  Matthew Boyd, Andrew Lints, Clarence Surette, and Scott Hamilton—Maize Horticulture and the Woodland Tradition in Subarctic North America
4:30  Yastami Nishida, Hayley Saul, Carl Heron, and Oliver Craig—Hot Dishes in the Beginning of Jomon Period, Japan
4:45  Brian Hayden—Discussant

**General Session: By Design: Iconography in Social and Cosmological Negotiations**
Room: 325 (HCC)  
Time: 1:30 PM - 3:45 PM  
Chair: Ryan Wheeler

Participants:
1:30 Joanna Ostapkowicz—The Sculptural Legacy of the Jamaican Taíno
1:45 Ian MacRae—Diversity and Difference: Interpreting Naturalistic Miniatures in Dorset Archaeological Art
2:00 Rebecca Schwendler—A Comparison of the Use of Visual Displays during Colonization
2:15 Steven Dorland—Shifting Perceptions of Pottery Decoration: A Multi-scalar Analysis of Two Middle Iroquoian Villages in Southern Ontario
2:30 Sarah Kerchusky—Ethnicity, Entanglement, and Woven Perishable Artifacts on the Egyptian-Nubian Frontier: Archaeological Textiles, Cordage, and Basketry from the Tombos Cemetery, Sudan

Room: 316A (HCC)  
Time: 1:30 PM - 4:15 PM  
Chairs: Yukiko Tonoike and Nicholas Bellantoni

Participants:
1:30 Nicholas Bellantoni—Bioarchaeological Recovery of Four Catholic Burials, New Haven, Connecticut
1:45 Anthony Griego and Dan W. DeLuca—Out of Sight – Almost Forgotten: The Historic Background of the First Catholic Church and Cemetery in New Haven, Connecticut
2:00 Sarah Brownlee, Gary Aronsen, and Ana Marichal—Osteology of the Yale-New Haven 4: Inventory and Assessment
2:15 Gary Aronsen, Ana Marichal, and Sarah Brownlee—Osteology of the Yale-New Haven 4: Health, Occupation, and Trauma Biomarkers
2:30 Natalie Pelletier, Tania Blyth, Robert Lombardo, Gerald Conlogue, and Gary Aronsen—The Advantages and Disadvantages of Multi-Detector Computed Tomography (MDCT) and Computed Radiography (CR) for the Radiographic Examination of Human Skeletal Remains from a Mid-19th Century Cemetery in Connecticut
2:45 Gerald Conlogue, Tania Blyth, Natalie Pellitier, Robert Lombardo, and Kim Laura Ziegler—A Preliminary Investigation into the Effects of X-Ray on the Recovery of DNA from Skeletal Remains Found at the Yale-New Haven Hospital Construction Site
3:00 Lars Fehren-Schmitz—Palaeogenetic Analysis of Human Remains from a 19th Century Cemetery in Connecticut, USA
3:15 John Krigbaum, George Kamenev, Benjamin Valentine, and Gary Aronsen—Multiple Isotope and Trace Element Proxies to Infer Life History of Mid-19th Century Human Skeletal Remains from New Haven, Connecticut
3:30 Yukiko Tonoike—Assessing the Use of Portable XRF to the Study of Human Skeletal Remains: A Case Study Based on the Yale-New Haven Burials
3:45 Gary Aronsen—Discussant
4:00 Nicholas Bellantoni—Discussant

[261] SYMPOSIUM | TOOLS OF EMPIRE: HISTORICAL ARCHAEOLOGIES OF BRITISH FORTS IN THEIR CONTEXTS
Room: 303B (HCC)
Time: 1:30 PM - 4:15 PM
Chairs: Christopher DeCorse and Zachary Beier

Participants:
1:30 David Starbuck—British Forts in Northern New York State
1:45 Amy Roache-Fedchenko—Maintaining the Military Agenda: Blacksmithing at Fort Michilimackinac
2:00 Douglas Pippin—“A Very Laborious Task:” British Colonial Policy and the Establishment of Fort Haldimand on Carleton Island (1778–1784)
2:15 Robert Cromwell—Comparing the Ceramics of Early-19th Century Fur Trade British Fort Sites along the Columbia River
2:30 Douglas Wilson—The Fort and the Village: Landscape and Nationality in the Colonial Period of Fort Vancouver
2:45 Zachary Beier—“All the King’s Men”: Labor and Diversity at the Cabrits Garrison, Dominica
3:00 Gerald Schroedl—Enslaved Africans and the British Military at the Brimstone Hill Fortress, St. Kitts, West Indies
3:15 Liza Gijanto—Supporting the Fort: Viewing the British Commercial Landscape from James Island, The Gambia
3:30 Christopher DeCorse and Christopher DeCorse—Bunce Island, Sierra Leone: Merchant Outpost of the Atlantic Slave Trade
3:45 Zachary Beier—Discussant
4:00 Q&A

[262] GENERAL SESSION | COLLABORATIVE AND COMMUNITY ARCHAEOLOGY
Room: 312 (HCC)
Time: 1:30 PM - 4:15 PM
Chair: Charles Bello

Participants:
1:45 James Herbert and Sean P. Connaughton—First Steps in Developing Sustainable Partnerships
2:00 Amanda Marshall and Jennifer Lewis—Salvaging the Past, Bridging the present at Cedarvale, B.C.
2:15 Elisabeth Cutright-Smith—Ancestral Hopi Landscape Archaeology in the Homol’ovi Region and Implications for Hopi Off-Reservation Cultural Resource Management
2:30 Jennifer Lewis—Transcolonial Perspectives on the Misappropriation and Restoration of Archaeological Heritage at Fort Apache and Theodore Roosevelt School National Historic Landmark, White Mountain Apache lands, AZ
2:45 Sarah Carr-Locke—What Can Museums Learn from Indigenous Archaeology? Seeking an Identity for Collaborative Indigenous Methodologies in Museums
3:00 Howard Higgins—Ethnographic Consultation for Renewable Energy Development in the San Luis Valley, Colorado
3:15 Kathrina Aben—Invisible Communities: Developing a Filipino Discourse through Archaeology in Annapolis, Maryland
3:30 Annette Ruizcka and Colin Grier—Collaborative and Community-Based Archaeology on Galiano Island, British Columbia, Canada
3:45 Lauren Herckis—The Women Can Wash: Employing Women on an Archaeological Crew
4:00 Tricia Jarratt and Ramona Nicholas—We Are in Cahoots!

[263] GENERAL SESSION ■ ADVANCES IN ZOOARCHAEOLOGICAL METHOD: CASE STUDIES FROM AROUND THE WORLD
Room: 317A (HCC)
Time: 1:30 PM - 4:45 PM
Chair: Robert Jeske

Participants:
1:30 Allison Grunwald—What Was in the Caches? Evaluating Frozen Marrow Storage through Bone-Breakage Experiments
2:00 Charlotte Oskam, Morten Allentoft, Richard Holdaway, Chris Jacomb, and Michael Bunce—Biomolecules Preserved in Eggshell Provides Insights into Archaeology
2:15 Michael Bunce, Daithi Murray, James Haile, Nicole White, and Joe Dortch—Scrapheap Challenge: Ancient DNA from Archaeological Bone Fragments Provides Insights into Zooarchaeological Assemblages and Past Biodiversity
2:30 Antonia Santangelo—Don't Step on the Scale: Weighing the Challenges and Rewards of Archaeologically Obtained Fish Scales with a Report from Eastern Crimea
2:45 Katharine Fernstrom— Genetic Identification of Aquatic Shell: A Proposed Program of Experiments for Archaeological Application
3:00 Richard Edwards—Wisconsin Oneota Faunal Exploitation: A Case Study from the Crescent Bay Hunt Club (47JE904), Lake Koshkonong, Southeastern Wisconsin
3:15 Benjamin Porter, Benjamin Porter, Alan Farahani, and Melanie Miller—Catching Crabs in the Desert: Isotopic Insights into Human-Animal Relationships in Early Iron Age Central Jordan
3:30 Corey O'Driscoll and Jessica Thompson—Zooarchaeological evidence for projectile technology in the African Middle Stone Age
3:45 Levent Atici and Burçin Erdogu—Zooarchaeology of the Neolithization of Europe: New Evidence from Üğürüslü Höyük, Gökçeada, Turkey
4:00 Shannon Goshen—Late Holocene Trends in Prehistoric Waterfowl Exploitation: Evidence from the Lower Sacramento Valley, California
4:15 Zoe Morris, Christine White, Lisa Hodgetts, and Fred Longstaffe—Stable Isotopic Comparison of Maize-Consumption by Wild Turkeys from Late Woodland Ontario Iroquoian versus Western Basin Sites
4:30 Robert Jeske and Roberta Boczkiwicz—Canine Scavenging and Archaeological Site Formation: An Experiment with the Milwaukee County Zoo Wolf Pack

[264] GENERAL SESSION ■ LANDSCAPES AND SPACE: CASE STUDIES FROM THE AMERICAS
Room: 319A (HCC)
Time: 1:45 PM - 4:45 PM
Chair: Lindsay Amundsen-Meyer

Participants:
1:45 Lindsay Amundsen-Meyer—Nested Landscapes: Ecological and Spiritual Use of Plains Landscape during the Late Prehistoric Period
2:00 Shannon Koerner and Breton Giles—Evaluating Models of Prehistoric Landscape Choice in the Flint Hills Region of Kansas, U.S.A.
2:15 Katherine Tarascio—Whitehall: Newport's History in a House
2:30 Cosimo Sgarlata—Predictive Model for Danbury, Connecticut
2:45 Susan Prezzano—Landscape, Memory, and Archaeology in Northwestern Pennsylvania
3:00 Jessica Hedgepeth, Arthur Joyce, Michelle Goman, and William Middleton—A GIS Study of Formative Period Landscape and Settlement Change in the Lower Río Verde Valley, Oaxaca, Mexico
3:15 Giovanna Liberotti and Annick Daneels—Inferring Archaeological Meaning through Graphic Data: From the Excavation to the 3D Reconstruction of a Building Sequence at La Joya (Veracruz-Mexico)
3:30 Matthew Pailès—Río Sonora Community Size: New Interpretations Based on Settlement Pattern Data and Inter-site Variation in the Moctezuma Valley
3:45 William McFarlane and Miranda Suri—Investigating Community Dynamics: Recent Research from the Jesus de Otoro Valley, Honduras
4:00 Thomas Leppard, John Cherry, Krysta Ryzewski, and Emanuela Bocancea—New Prehistoric Sites on Montserrat, West Indies
4:15 Esteban Gomez and Elisa León—An Archaeological Investigation of Identity and Social Transformation in the Guanacaste Region of Northwestern Costa Rica
4:30 Kaitlyn Moore—Negotiating the Middle Ground in a World-System: An Example from the Northern Rocky Mountain Fur Trade

[265] Poster Session: Archaeology and the Public
Room: Kamehameha Exhibit Hall III Foyer (HCC)
Time: 2:00 PM - 4:00 PM

Participants:
265-a Paula Sutton and Rita Harder—Indiana Girl Scouts Dig Archaeology
265-c James VanderVeen and Joshua Wells—Crowdsourcing the Past: Teaching Archaeology Students to Be Active Producers of Information in a Virtual Community
265-d Ryan Washam—Archaeology in Distress: Federal Land Management and Vulnerable Landscapes
265-e Paul Burnett—Disaster Plan: Probability Modeling in Northwest Colorado
265-f Eleonora Gandolfi, Graeme Earl, and Simon Keady—Navigating Portus: Virtual Access to Archaeological Sites
265-h Robert O’Boyle, Alvin Windy Boy Sr., and Jason Brown—The Good, the Bad, and the Federal Government: A Way Forward with Tribal Consultation
[266] **POSTER SESSION ■ BEADS: MORE THAN DECORATION**  
**Room:** Kamehameha Exhibit Hall III Foyer (HCC)  
**Time:** 2:00 PM - 4:00 PM  
**Participants:**  
266-a Curtis Dean—Ecofact or Fiction?  
266-b Danielle Raad and Cheryl Makarewicz—The Exchange and Production of Stone Beads at the Pre-Pottery Neolithic site of el-Hemmeh, Jordan  
266-c Jonathan Walz—Of Paradigms and Powerplays: Shells and Shell Artifacts in the Archaeology of Hinterland East Africa, 750–1550 C.E.  
266-d Emily Wilkerson and Ania Baran—Challenging Assumptions Regarding Beads in the Salish Sea: Preliminary Bead Assemblage Analyses at DhRp-52

[267] **POSTER SESSION ■ CERAMIC STUDIES IN THE AMERICAN SOUTHWEST**  
**Room:** Kamehameha Exhibit Hall III Foyer (HCC)  
**Time:** 2:00 PM - 4:00 PM  
**Participants:**  
267-a Judith Habicht-Mauche and Suzanne Eckert—Sourcing Western-Style Glaze-Painted Pottery from Tijeras Pueblo, NM  
267-b Suzanne Eckert, David Snow, Kari Schleher, Judith Habicht-Mauche, and W. D. James—Following the Yellow Brick Road: Yellow Slip Clays and the Production of Rio Grande Glaze Ware in North Central New Mexico  
267-c Sachiko Sakai—Application of Optically Stimulated Luminescence (OSL) Dating to Examine Change in Production and Distribution Pattern of Olivine-Tempered Ceramics in the Arizona Strip and Adjacent Areas in the American Southwest  
267-d Thomas Wambach—Bent Out of Shape: Warping in Virgin Branch Ancestral Puebloan Ceramics  
267-e Jordan Jarrett and Andrew Duff—Ceramic Evidence for Distinct and Concurrent Puebloan and Mogollon Cultural Traditions at Largo Gap in New Mexico  
267-f Shilo Bender, Jeffrey Ferguson, and Scott Vankueken—Rapid Qualitative Compositional Analysis of Ceramic Paints: A Study of Fourmile Polychrome  
267-g Samantha Linfoot and Michael Whalen—A Design Analysis Comparing Escondida Polychromes and Gila Polychromes  
267-h Emma Britton—Preliminary Analysis of Black Pigment Recipes on Casas Grandes Polychromes  
267-i Victoria Evans and Warren Lail—The Representation of Plants in Hohokam Pottery Design

[268] **POSTER SESSION ■ NEW WORLD CERAMIC TECHNOLOGY**  
**Room:** Kamehameha Exhibit Hall III Foyer (HCC)  
**Time:** 2:00 PM - 4:00 PM  
**Participants:**  
268-a Andrea Einck—Petrographic Analysis of Historic Brownwares at a 19th Century Military Fort: Results and Implications  
268-b Travis Freeland—An Assessment of Portable X-Ray Fluorescence (PXRF) for Ceramic Compositional Analysis  
268-c Sylvie Kvetinova—Material Culture as a Vehicle of Social – Political Organization: Chimu Pottery  
268-d Benjamin Nigra, Kevin Hill, Michael Rosales, Chloe Tolman, and Camille Weinberg—An Analysis of Surface Ceramics from Cerro del Gentil, a Paracas Adobe Mound in the Chincha Valley, Peru  
268-e Edward Zegarra—Ceramic Production in the Wari Heartland: The Search for an Understanding of the Relationship between Type and Function Using Statistical
Analysis Programming

268-f  Sarah Nixon and James VanderVeen—Reproducing Ceramic Vessel Form to Reconstruct Usage: A Case Study of the Caribbean “Water” Bottle

268-g  Elizabeth Jaroszewski—Ceramic Analysis of Southeastern Idaho Plain Ware from the Pioneer Site, Northeastern Snake River Plain

[269]  **POSTER SESSION**  ■ **THE IMPACT OF PUBLIC ARCHEOLOGY PROGRAMS:**
**EVALUATING PARTICIPANT RESPONSES AND FEEDBACK**
(Sponsored by Public Archaeology Interest Group and The Public Education Committee)

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)
**Time:** 2:00 PM - 4:00 PM
**Chair:** Helen Keremedjiev

**Participants:**
269-a  Suzanne Pilaar Birch—Communicating Archaeology through the Social Media Knowledge Exchange
269-b  Robert Connolly—Alternative Measures for the Impact of Archaeological Outreach and Education
269-c  Helen Keremedjiev—Of What Social Value Is an Archaeological Site? Park Visitor Feedback of Bear Paw, Big Hole, Little Bighorn, and Rosebud Battlefields
269-d  Meredith Langlitz and Ben Thomas—National Archaeology Day: Creating an Archaeological Network for Public Engagement
269-e  Maureen Malloy—Who Are Archaeology’s Interested Audiences? Data from Public Inquiries to the Society for American Archaeology, 2002-2012
269-f  Jeanne Moe and Crystal Alegria—Absaroka Agency Volunteer Project: Longitudinal Learning Research
269-g  Sarah Myers, Sarah Nixon, Bryan Dull, and James VanderVeen—It Takes a Village to Excavate a House: Community Engagement in Archaeological Field Schools
269-h  John Swogger—Drawn Together: An Illustrated Archaeological Field Journal of a Season’s Excavations on Palau, Micronesia

[270]  **POSTER SESSION**  ■ **POWERING THE PRESENT WHILE PRESERVING THE PAST:**
**CULTURAL RESOURCES MANAGEMENT OF LARGE-SCALE HYDROELECTRIC PROJECTS**
(Sponsored by HDR Engineering, Inc.)

**Room:** Kamehameha Exhibit Hall III Foyer (HCC)
**Time:** 2:00 PM - 4:00 PM
**Chair:** Dawn Ramsey Ford

**Participants:**
270-a  Judith Marvin and Rebecca Kellawan—With All Dips, Spurs, and Angles
270-b  Sandra Flint—The Highs and Lows of Hydroelectric Projects: The Effects of Changing Water Levels on Archaeological Resources
270-c  Dawn Ramsey Ford—Research Strategies for Large-Scale Cultural Resources Investigations: A Regional Perspective from the Sierra Nevada
270-d  Robert Quiggle—Developing Strategies for Managing Cultural Resources at Large Hydropower Projects: A Case Study from the U.S. Gulf Coast

[271]  **SYMPOSIUM**  ■ **A WORLD ARCHEOLOGY APPROACH TO STUDYING MORAVIAN MISSIONS**

**Room:** 303A (HCC)
**Participants:**

2:15 Hans Christian Gulløv—Hope Colony and Neu Hermut – Studies of Mission and Inuit Settlement Patterns in 18th Century Greenland

2:30 Einar Lund Jensen—The Friedrichsthal Mission – the Moravian Brethren at Cape Farewell

2:45 Peter Andreas Toft—The Uummannaq Mission – Moravians and Inuit of the Nuuk Fjord, Greenland

3:00 Beatrix Arendt—Tracking Evidence for Missionization at the Hopedale Mission in Canada


3:30 Leland Ferguson—“Flocked Together on the Street”: The Archaeology of an African-American Place in Moravian Salem, North Carolina

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**Participants:**

2:15 Danielle Kurin, Danielle Kurin, and Enmanuel Gomez Choque—Trepanation as Innovation: Experimentation and the Cultural Constraints of Cranial Surgery in Post-Imperial Andahuaylas, Peru (A.D. 1000-1250)

2:30 Pedro Da-Gloria and Clark Larsen—Health and Lifestyle of the Paleoamericans of Lagoa Santa, Brazil

2:45 Bernardo Arriaza, Vivien Standen, Karl Reinhard, Jorg Heukelbach, and Katharina Dittmar de la Cruz—Pediculosis capitis in Archaic Coastal Andean Populations of Northern Chile

3:00 Christine Pink—Striking Out and Digging in: The Effects of the Rise and Fall of the Wari Empire on Population Genetic Structure in the Peruvian Andes

3:15 Aimee Huard—Mortuary Patterns and Biodistance as an Interpretation of Use of Space at Cerro Mangote (7000-5000 B.P.), Panama

3:30 Amanda Winburn—Social Class, Trauma, and Geographical Origin of Elite Individuals from Cancuén, Guatemala

3:45 Bastien Llamas and Wolfgang Haak—In-Depth Analysis of Immune Genetic Diversity in Pre-Columbian Central Andean populations

4:00 Priscilla Mollard—Integrated Studies of Maya Bioarchaeology and Their Potential

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**Participants:**

2:15 Michelle Hegmon—The Archaeology of the Human Experience: Goals and Potential

2:30 Catherine Cameron—The Variability of the Human Experience: Marginal People and the Creation of Power

2:45 Scott Ortman—The Physical World and the World of Discourse in Tewa Origins

3:00 Amanda Logan and Ann Stahl—Food (In)Security and Quality of Life in Ghana over the Last Millennium
Saturday Afternoon, April 6

3:15 Laura Swantek, Jacob Freeman, Katja Brundiers, and Erica Reyes—The Impact of Competition for Arable Land on Human Securities: Polynesia as Case Study

3:30 Q&A

3:45 Timothy Dennehy, Benjamin Stanley, and Michael Smith—Measuring Inequality in Premodern Cities: Spatial and Built Environment Measures

4:00 Christian Isendahl and Vernon Scarborough—Issues of Human Security at Large-Scale Transformation Events: The Case of the "Classic Maya Collapse"

4:15 Margaret Nelson, Scott Ingram, Matthew Peeples, Andrew Dugmore, and Seth Brewington—Vulnerabilities to Food Securities: Can people Be Buffered from the Impact of Rare Climate Events?

4:30 Seth Brewington—The Social Costs of Sustainability in the Faroe Islands

4:45 Debra Martin—Can We Feel (Measure) Pain from the Bones? A Bioarchaeological Perspective

[274] **GENERAL SESSION** **NEW DATA AND IDEAS IN POLYNESIAN ARCHAEOLOGY**

**Room:** 301B (HCC)

**Time:** 3:00 PM - 4:45 PM

**Chair:** Barry Rolett

**Participants:**

3:00 Ella Ussher, Alex Pryor, and Matthew Prebble—Development of an Accessible Parenchyma Comparative Collection for the Pacific and Beyond

3:15 Seth Quintus—Intensive Food Production Systems in the Samoan Archipelago: A Case Study from Ofu Island, Manu’a Group

3:30 Tamara Maric—Examples of Settlement Patterns in Pre-European Tahiti (Society Islands, French Polynesia)

3:45 Daniel Stueber—Evidence for the Use of Indirect Percussion with Stone Punches in the Manufacture of Rectangular Cross-Section Type 1 Adzes during the Moa-Hunter Period of the Maori Culture in New Zealand

4:00 Barry Rolett, Eric West, John Sinton, and Radu Iovita—Voyaging in the East Polynesian Homeland: New Evidence from the Hawai’i Core Area

4:15 Hinani Cauchois—Subsistence Systems and Defensive Strategies in Pre-Contact Moorea and the Society Islands

4:30 Brian Lane and Beau DiNapoli—Preliminary Thoughts on a Shortened Chronology for East Polynesia

[275] **SYMPOSIUM** **TEOTEPEC IN CONTEXT: NEW FINDINGS FROM THE TUXTLAS MOUNTAINS, SOUTHERN VERACRUZ, MEXICO**

**Room:** 316B (HCC)

**Time:** 3:15 PM - 5:00 PM

**Chairs:** Philip Arnold and Amber VanDerwarker

**Participants:**

3:15 Philip Arnold—Teotepec and a New Tuxtlas Prehistory

3:30 Nathan Wilson and Xochitl Leon Estrada—Teotepec and the Tuxtlas in the Formative Period

3:45 Amber VanDerwarker—Patterns of Plant Subsistence in the Formative and Classic Sierra de los Tuxtlas: A Comparative Analysis of Macro-remains from Teotepec, La Joya, and Bezuapan

4:00 Thomas Barrett and Ron Kneebone—Obsidian at Teotepec: Preliminary Results and Historical Perspectives

4:15 Christopher Pool, Philip Arnold, and Ponicano Ortiz—Radiocarbon and Ceramic Chronologies of Matacapan, Veracruz, Mexico
4:30 Lourdes Budar—Qué tenemos, qué sabemos: investigaciones arqueológicas en el corredor costero de la sierra de Santa Marta en Los Tuxtlas, Veracruz
4:45 Marcie Venter—After Teotepec: Framing Intra-regional Interaction in the Western Tuxtlas

[276] SYMPOSIUM EXPOSED SITES AND BURIALS IN AREAS OF DROUGHT: ASPECTS FOR MITIGATION MEASURES.
Room: 309 (HCC)
Time: 3:15 PM - 5:00 PM
Chairs: Mark Howe and Danny Walker

Participants:
3:15 Mark Howe—Drought along the Rio Grande Border: Falcon Reservoir and the Last 60 Years
3:30 Leland Bement and Robert Blasing—The Effects of Multi-Year Droughts on Cultural Resources: Headaches and Research Potentials
4:00 Jason Cooper and Tim Gerrish—Low Reservoir Pool Levels behind Howard A. Hanson Dam Reveals Late Prehistoric Encampment along Green River, King County, Washington
4:15 Margan Grover—Cultural Continuity and Archaeological Extinction along the Beaufort Sea Coast, Alaska
4:30 Michaelyn Harle, Erin Pritchard, and Edward Wells—River Operations and Its Effects on Archaeological Resources in the Tennessee River Valley
4:45 Alan Skinner and Catrina Whitley—Drought and Burial Exposure in North Texas

[277] GENERAL SESSION INDIGENOUS RESPONSES TO COLONIALISM IN HISTORIC ARCHAEOLOGY
Room: 306A (HCC)
Time: 3:45 PM - 4:45 PM
Chair: Jennifer Mathews

Participants:
3:45 Robert Case—Kumeyaay Responses to the Euroamerican Intrusion in Coastal San Diego: Alternatives to Retreat
4:00 Laurie Weinstein and Diane Hassan—Southern New England Indians in the American Revolution
4:15 Jennifer Mathews and John Gust—Hidden History: Daily Life in the Sugar and Rum Industry of the Costa Escondida, Quintana Roo Mexico
4:30 Di Hu—Changes in the Materiality of Language, Landscape, and Lithics in the Andes – from the Colonial Era to the Present

[278] GENERAL SESSION GREAT PLAINS ARCHAEOLOGY
Room: 305A (HCC)
Time: 3:45 PM - 5:00 PM
Chair: Brandi Bethke

Participants:
4:00 Dayna Reale—The Rise of Housepits in Archaic Wyoming: What Does It Mean?
4:15 Daniel Pugh—Climate and Culture: Late Prehistoric Social Flux in the Central Plains
Veronica Mraz—An Examination of the Plains Woodland and Plains Village Periods in North Central/Eastern Oklahoma through Lithic Assemblage Comparisons

Brandi Bethke—A Networked Landscape: Understanding Meaningful Places along the Niobrara/Missouri National Scenic Riverways (NIMI)
Sunday Morning ■ April 07, 2013

[279] SYMPOSIUM ■ OBISDIAN CHARACTERIZATION IN THE PACIFIC RING OF FIRE
(Sponsored by IAOS - International Association for Obsidian Studies)
Room: 317A (HCC)
Time: 8:00 AM - 9:30 AM
Chairs: Jeffrey Ferguson and Kyle Freund

Participants:
8:00 Kyle Freund—Toward an Understanding of the Archaeological Questions That Drive Obsidian Characterization Studies in the Pacific Rim of Fire
8:15 Jeffrey Ferguson and Masami Izuho—Japanese Obsidian: Past Use, Current Research, and Future Studies
8:30 Richard Hughes—Obsidian Studies in California
8:45 Michael Glascock, Michael Ohnersorgen, J. Andrew Darling, and Daniel E. Pierce—Progress on Sourcing Obsidian Artifacts from Western Mexico
9:00 Charles Stern—Obsidian Sources and Long-Distance Transport in Southern Patagonia
9:15 Robert Tykot—Discussant

[280] GENERAL SESSION ■ EMERGING PERSPECTIVES IN HAWAIIAN ARCHAEOLOGY
Room: 318B (HCC)
Time: 8:00 AM - 9:30 AM
Chair: Regina Hilo

Participants:
8:00 Regina Hilo—E ola ka Hawaii: Perpetuating Hawaiian Culture
8:15 Rosanna Runyon Thurman—Archaeological Investigations at a Traditional Hawaiian Site Complex: Systematic Documentation and Community Involvement at Maunawila Heiau
8:30 Martha Noyes—Writing the Heavens on the Earth: Hawaiian Cultural Astronomy at Kukaniloko
8:45 W. Masse, Rubellite Kawena Johnson, and H. David Tuggle—Relative and Absolute Dating of Hawaiian Myth
9:00 Stanley Bond—Changing Traditions in Hawaiian Rock Art: Examples From Kaloko-Honokohau National Historical Park
9:15 Paul Langenwalter—Prehistoric Vertebrate Animal Use at 50-Oa-B01-20, a Rockshelter in North Halawa Valley, Oahu, Hawaii

[281] SYMPOSIUM ■ CREATIVE ALTERNATIVES FOR MANAGING CULTURAL RESOURCES ON MILITARY INSTALLATIONS
(Sponsored by National Guard Bureau)
Room: 306B (HCC)
Time: 8:00 AM - 9:30 AM
Chair: Jake Fruhlinger

Participants:
8:00 Kristen Mt. Joy, Heidi Fuller, Jimmy Arterberry, and Holly Houghten—Survey without Shovels: Rethinking Cultural Inventories with Tribal Nations
8:15 Jake Fruhlinger and Nick Nydegger—Geospatial Silverlight Viewer for Assessing Site Integrity and Site Relationships in Cultural Resource Data
8:30 Shaun Nelson, John Crane, and Kenneth Cannon—A Creative Approach to
Archaeological Site Mitigation at Camp Williams, Utah
8:45 Ted Neff, Kenneth Cannon, Molly Cannon, William Eckerle, and Paul Santarone—Creative Mitigation in Action at Camp Williams, Utah: Archaeological Testing Results from Three Upland Sites
9:00 Cynthia Munoz and Raymond Mauldin—Deep Sands, Dense Sites, and Cool Water: Exploring Prehistoric Site Distributions on a Texas Army National Guard Facility Using GIS
9:15 Rebecca Klein—ACUB/REPI Lands for Offsite Archaeological Mitigation: A Marriage Proposal

[282] FORUM ■ OPEN ACCESS – IS IT GOOD FOR ARCHAEOLOGY?
(Sponsored by Ethics Committee)
Room: 301A (HCC)
Time: 8:00 AM - 10:00 AM
Moderator: Sandra Scham
Participants:
Susan Bruning—Discussant
David Thulman—Discussant
Karen Supak—Discussant

[283] SYMPOSIUM ■ WHEN HUMANS DOMINATED THE EARTH: ARCHAEOLOGICAL PERSPECTIVES ON THE ANTHROPOCENOCE
Room: 303B (HCC)
Time: 8:00 AM - 10:15 AM
Chair: Todd Braje
Participants:
8:00 Jon Erlandson—Discussant
8:15 Todd Braje and Jon Erlandson—Humans and the Acceleration of Animal and Plant Extinctions
8:30 Bruce Smith and Melinda Zeder—The Onset of the Anthropocene
8:45 C. Melvin Aikens—Late Pleistocene and Holocene Development of Anthropogenic Landscapes in China, Korea, Japan, and the Russian Far East
9:00 Anna Roosevelt—The Anthropocene in Amazonia
9:15 Douglas Kennett—Pre-Columbian Agriculture, Deforestation, and Landscape Transformation in the Tropical Maya Lowlands
9:30 Torben Rick, Patrick Kirch, Jon Erlandson, and Scott Fitzpatrick—Islands of Change: Archaeology and Human Ecodynamics on Islands
9:45 Kent Lightfoot, Lee Panich, Tsim Schneider, and Sara Gonzalez—Anthropogenic Transformations and European Colonialism: The Effects of Early Historical Globalization in Western North America
10:00 Q&A

[284] SYMPOSIUM ■ MICROARTIFACT ANALYSIS: RECENT APPLICATIONS AND METHODS
Room: 305A (HCC)
Time: 8:00 AM - 10:15 AM
Chairs: Anthony Ortmann and Lara Homsey
Participants:
8:00 Howard Cyr, Esther Rimer, Kandace Hollenbach, and Keith Little—It’s the Little Things That Count: The Importance of Multiproxy Data in the Reconstruction of Site Histories at the Widows Creek Site, Alabama
8:15 Phyllis Rigney—The Practicality of Microartifact Analyses in a CRM Context: A
Sunday Morning, April 7

**[285] General Session: Architecture, Landscapes, and Seascapes in South America**

**Room:** 306A (HCC)
**Time:** 8:00 AM - 10:00 AM
**Chair:** Phil Riris

**Participants:**
- Phil Riris—Geospatial Modeling of Pre-Columbian Monumental Landscapes in the Eastern La Plata Basin
- Matthew Piscitelli and Carmela Alarcón Ledesma—Ritual Is Power: A Multidisciplinary Exploration of Early Ceremonial Architecture at the Late Archaic Site of Huaricanga in the Fortaleza Valley of Peru
- Mauricio Uribe—A Long Formative at Tarapacá: Social Evolution and Complexity in Northern Chile (400 B.C.-A.D. 900)
- Ryan Clasby—The Ceja de Selva Uncovered: Exploring Long-Term Cultural Developments in the Jaén Region of the Northeastern Slopes of the Peruvian Andes
- Randy Hahn and Arturo Rivera—Local Ideological Practices and Provincial Administration in the Chimú Empire
- Kari Zobler—Identity at the Margins: Preliminary Excavation Results from the LIP (950 –1470 C.E.) Site of Talambo, Jequetepeque Valley, Peru
- Anna Harkey—The Andean Home in a Shifting World
- James Richardson—In the Wake of Kon Tiki: Sailing Capabilities of Andean Watercraft and Pre-Columbian Contact between the Andes and Polynesia

**[286] Symposium: Bodies of Evidence: Integrating Mortuary and Osteological Analyses**

**Room:** 318A (HCC)
**Time:** 8:00 AM - 10:30 AM
**Chairs:** Ryan Harrod and Kyle Waller

**Participants:**
- Catrina Whitley—Female Kiva Societies in the Taos Valley: Mortuary and Bioarchaeological Evidence
- Robin Yim, Rebecca E. Shattuck, Kelsi Wilson, and Kyle D. Waller—Evaluation of Mortuary Variation and Well-Being during the Middle and Late Missouri Mississippian
- Pamela Stone, Ryan Harrod, and Debra Martin—Strong Women and Tired Men: A Bioarchaeological Analysis of the Role of Women in the Ancestral Pueblo World (A.D. 800-1300)
8:45 John McClelland—Integrating Biodistance and Mortuary Behavior: A Search for Patterns at PPNB Beidha, Southern Jordan

9:00 Kyle Waller—Intra-Cemetery Phenotypic and Mortuary Variation in the Casas Grandes Region of Chihuahua, Mexico

9:15 Haagen Klaus, Rosabella Alvarez-Calderon, Melisa Del Alcázar Orosco, Fernando Carranza Melgar, and Rocío Torres—Integrating Bioarchaeology and Mortuary Archaeology within a Holistic Framework: Life, Death, and Adaptation in a Postcontact Andean Community

9:30 Jessica Cerezo-Roman and James Watson—From Inhumation to Cremation: Changes in Funerary Rituals in Southern Arizona, from the Early Agricultural to Preclassic Periods

9:45 Christina Torres-Rouff, Kelly Knudson, and Emily Stovel—Integrative Analyses of the Larache Cemetery, San Pedro de Atacama, Chile: Combining Bioarchaeology, Biogeochemistry, and Mortuary Archaeology

10:00 Gordon Rakita—Discussant

10:15 Peer Moore-Jansen and James Simmerman—Integrating Archaeological, Biological, and Archival Data in Culture Historical Interpretation of Historic Mortuary Contexts

[287] SYMPOSIUM COMMUNITY STUDIES IN ARCHAEOLOGY: WAYS FORWARD
Room: 303A (HCC)
Time: 8:00 AM - 10:45 AM
Chairs: Scott Johnson and Meaghan Peuramaki-Brown

Participants:
8:00 Scott Johnson—Communities in Archaeology: Influencing Field Methods and Informing Interpretation
8:15 Naoise Mac Sweeney—Conceptualizing Communities
8:30 Meaghan Peuramaki-Brown—The Community as “Affective Assemblage”: Low-Density Urbanization at Buenavista del Cayo, Belize
8:45 Michael Kolb and James Snead—Settlement Aggregation and the Built-Landscape in Hawai’i
9:00 Katharine Ellenberger—Chaco “Culture” and the Kin Klizhin “Community”: Estimating Human Relationships in Southwest Archaeology
9:30 Sharisse McCafferty and Geoffrey McCafferty—Communities of Practice? Garden Cities of Pacific Nicaragua
10:00 Jason Yaeger—Discussant
10:15 Marcello Canuto—Discussant
10:30 Q&A

[288] SYMPOSIUM CERAMICS AND SOCIETY IN EARLY MESOAMERICA AND THE AEGEAN
Room: 319A (HCC)
Time: 8:00 AM - 11:00 AM
Chairs: Peter Day and Wesley Stoner

Participants:
8:00 David Cheetham, Clarus Backes, James Burton, Michael D. Glascock, and Hector Neff—Chemistry and Colonization: Gulf Olmec Signatures at Canton
Corralito, Chiapas, Mexico

8:15  Deborah Nichols, Wesley Stoner, Bridget Alex, and Destiny Crider—Altica and Early-Middle Formative Exchange in the Basin of Mexico: A Multi-Method Approach to Compositional Analysis

8:30  Ronald Bishop, James Doyle Doyle, Socorro Jiménez Alvarez, Iliana Ancona Aragón, and James Blackman—Middle–Late Formative Maya Ceramics: Circulation or Local Production?

8:45  Mia Jorgensen and Wesley Stoner—Potters, People, and Pottery: New Insight on Formative Period Teotihuacan Based on NAA and LA-ICP-MS of Ceramics from the Sites of Cuanalan, Tezoyuca, and Plaza One

9:00  Wesley Stoner and Christopher Pool—Revisiting Classic Period Economic Development in the Tuxtla Mountains, Southern Veracruz, Mexico


9:30  Clare Burke Davies, Peter M. Day, Anno Hein, Aggeliki Kossyva, and James R. Wiseman—Settlement Scale, Pottery Production, and Patterns of Consumption in Early Helladic Korinthia and the Argolid

9:45  Vassilis Kilikoglou, Ourania Kouka, Maria Relaki, Vasif Sahoglu, and David E. Wilson—Populations, Potters, or Shapes: What's on the Move in the Kastri Group?

10:00  Roberta Montesana, Peter M. Day, and Simona Todaro—Pottery Manufacture in Phaistos: Continuity and Change over Two Millennia

10:15  Will Gilstrap, Peter M. Day, Christina Marabea, Konstantina Kaza, and Eleni Konsolaki—Bottoms Up: Ceramic Production and Consumption in the Late Mycenaean Saronic Gulf, Greece

10:30  Q&A

10:45  Roger Doonan—Discussant

[289]  SYMPOSIUM ■ LATE PREHISTORY AND EARLY HISTORIC PERIODS IN THE KOREAN REGION

Room: 319B (HCC)  
Time: 8:00 AM - 11:00 AM  
Chair: Rory Walsh

Participants:

8:00  SookChung Shin, Habeom Kim, and Song Nai Rhee—Preliminary Thinking about Trade Relationships between the Korean Peninsula and Neighboring Areas during the Neolithic Age

8:15  J. Rachel Lee, Ho-Pil Yun, and Yong-Geun Park—Micromorphological Investigation of an Early Mumun Period Pithouse

8:30  Sangtaek Lim—Exchange Systems and Socioeconomic Changes: Case of Southern Korea and Japanese Kyushu during the Neolithic Period

8:45  Ha Beom Kim—A Comparative Study on the Impact of Early Agriculture to Human Ecology in North China and Korea through Paleoethnobotanical Perspective

9:00  Kang Won Oh—Changes in Interaction Spheres among Complex Societies in Liaoning during the Bronze and Early Iron Ages (12th to 3rd Century B.C.)

9:15  Mark Byington and Sunmi Park—Problems Concerning the Bronze Antenna Daggers of Northeast Asia

9:30  Sungjoo Lee—The Transmission of Forming Techniques and the Specialization in Ceramic Production during the Proto-historic Period in South Korea

9:45  JeongYong Seong—Baekje’s Formation of an Ancient State Observed through Pottery Style
10:00 Rory Walsh—Chemical Analyses of Beakje Pottery and the Social Processes of State Formation
10:15 Sarah Nelson—Leadership in the Silla kingdom of Ancient Korea, and Relationships with the Yamato Kingdom in Ancient Japan
10:30 Gyoung-Ah Lee—Discussant
10:45 Q&A

[290] GENERAL SESSION • RITUAL, ECONOMY, AND ENVIRONMENT IN THE ANCIENT MAYA WORLD
Room: 323C (HCC)
Time: 8:00 AM - 11:00 AM
Chair: Justine Shaw
Participants:
8:00 Debora Trein—Multilocality and Monumental Architecture at the Site of La Milpa, Belize
8:15 Jack Barry and Gyles Iannone—Spatially and Socially Conceived Borderlands: A View from the Ancient Maya Center of Minanha, Belize
8:30 Justin Bracken—Late Maya Reconceptualization and Reshaping of the Landscape: Late Postclassic Evidence from the Site of Tayasal on Lake Petén Itzá in Northern Guatemala
8:45 Paulo Medina—Architecture that Infers Violence at El Mirador: Assessing Warfare in the Preclassic Period
9:00 Lindsay Robinson and Laura Villamil—Space and Power: Social Dimensions of the Built Environment at Margarita, Quintana Roo, Mexico
9:15 Justine Shaw—The Problem of Mobility in Estimating the Extent of Terminal Classic Populations in the Cochuah Region
9:30 Megan Leight—Investigating the Late Classic Sculptural Program at Río Amarillo, Honduras
9:45 Robyn Dodge—Hun Tun Social Complexity
10:00 Megan Thibodeau, William Saturno, Heather Hurst, and Francesco Berna—Maya Pyrotechnology and Plaster: Integrating Micromorphology and Fourier-Transform Infrared Spectroscopy (FTIR) at San Bartolo, Guatemala
10:15 Maria del Dominguez, Yolanda Espinosa, and Javier Reyes—Analysis of the Deterioration by Salt Crystallization of the Polychrome Stucco Masks of Edzná, Campeche, Mexico
10:30 Diana Fridberg, Olivia Navarro Farr, Griselda Perez Robles, and Damaris Menendez—The Animal Face of a Ritual Space at El Peru-Waka, Guatemala
10:45 Kiri Hagerman—Hide and Seek: Children in Ancient Maya Art and Iconography

[291] SYMPOSIUM • THE FRISON INSTITUTE SYMPOSIUM: DATES AS DATA: NEW APPLICATIONS OF RADIOCARBON DATING TO ARCHAEOLOGICAL PROBLEMS
Room: 323A (HCC)
Time: 8:00 AM - 11:15 AM
Chairs: Robert Kelly and Nicolas Naudinot
Participants:
8:00 Jesse Ballenger and Jonathan Mabry—Temporal Frequency Distributions of Alluvium in the American Southwest: Taphonomic, Paleohydraulic, and Demographic Implications
8:15 Kevan Edinborough, Stephen Shennan, Adrian Timpson, Sean Downey, and Mark Thomas—Boom and Bust in Europe’s Early Farming Populations
8:30 Jim Railey—Radiocarbon Dates and Long-Term Subsistence and Settlement Trends in Far Southeastern New Mexico
8:45 Philippe Crombé and Erick Robinson—Dates as Demographic Proxies in Neolithicization Models of Europe: A Case Study from Belgium and Northeast France
9:00 David Rhode and P. Jeffrey Brantingham—Mind the Gaps: Testing Possible Hiatuses in Radiocarbon Dating Sequences
9:15 Nicolas Naudinot, Antonin Tomasso, Giampaolo Dalmeri, Marco Peresani, and Carlo Tozzi—Entering the Mountain Range: Altitude Settlements at the End of the Late-Glacial in the Italic Epigravettian Area
9:30 Kenichi Kobayashi—Impact of AMS Radiocarbon Dating on the Prehistoric Jomon Archaeology of Japan
9:45 Mark Becker and Ian Scharlotta—Hunter-Gatherer Spatio-Temporal Patterning in San Diego County
10:00 Marcus Hamilton and Briggs Buchanan—Tracking Late Pleistocene Human Expansions across Northeast Asia and the into the Americas Using the Radiocarbon Record
10:15 James Steele—Dates and Dispersals: Comparing Observed and Modeled Spatial Demographic Trends with Noisy Datasets
10:30 Brendan Cullen, Douglas J. Kennett, and David Hurst Thomas—Gatecliff Shelter: A Bayesian Analysis of the Radiocarbon Chronology
10:45 HB Thakar—Dates, Diet, and Demography: A Detailed Chronological Framework for Evaluating Diachronic Subsistence Variation and Population Growth on the Northern Channel Islands
11:00 John Rick—Discussant

[292] SYMPOSIUM ARCHAEOLOGIES, LEGACIES, AND HERITAGES OF COLONIAL ENCOUNTERS IN THE PACIFIC AND THE CARIBBEAN
Room: 317B (HCC)
Time: 8:00 AM - 11:30 AM
Chairs: Corinne Hofman and Ian Lilley

Participants:
8:00 Anja Vroegop—Worlds Alike? A History of Comparison between the Caribbean and the Pacific
8:15 Chris Ballard—The Encounter of Historicities
8:30 Reniel Rodriguez Ramos—Puerto Rican Indigeneities
8:45 Geoffrey Clark—Culture Contact and Chiefly Lineages in Tonga A.D. 1250-1880
9:00 Roberto Valcarcel and Menno Hoogland—Early Colonial Interaction in Cuba. The “Indio” Identity
9:15 Chris Gosden—Time and Identity in the Pacific
9:30 Corinne Hofman and Irvince Auguiste—Kalinago Connections: Archaeology and Legacy of Colonial Encounters in the Lesser Antilles
9:45 Christophe Sand—Archaeology of Western Contact and Colonization in New Caledonia: A Southern Melanesian Perspective
10:00 Douglas Armstrong—Systems of Enslavement and Transformations to Freedom in the Caribbean
10:15 Anita Smith—Archaeology and World Heritage in the Pacific Island Nations
10:30 Benoit Berard—Why We Are Our Fathers: Amerindian Heritages Social Integration Process in the French West Indies
10:45 Matthew Spriggs and James Flexner—Mission Sites as Indigenous Heritage in Vanuatu
11:00 Peter Siegel, Renzo S. Duin, and Jimmy L.J.A. Mans—Down-the-Line Encounters: Processes of Exchange, Post-Colonial Experiences, and Globalization in the Island of Guiana on the South American Continent
11:15 John Terrell—Discussant
SAA Awards, Scholarships, & Fellowships

**AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS**
Established in 2001, this award recognizes the excellence of an archaeologist whose innovative and enduring research has made a significant impact on the discipline. Nominees are evaluated on their demonstrated ability to successfully create an interpretive bridge between good ideas, empirical evidence, research, and analysis. This award now subsumes within it 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

**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 & 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 Carmen Schrire
- 1999 Tom D. Dillehay
- 2000 Mark Lehner
- 2001 Jon Muller
- 2002 Clive Gamble
- 2003 William W. Fitzhugh
- 2004 Elisabeth I. Ward
- 2005 Lewis Binford
- 2006 Anne-Marie Cantwell & Diana DiZerega Wall
- 2007 Kathleen Deagan & José María Cruxent
- 2008 Thomas F. King, Randall S. Jacobson, Karen Ramey Burns, & Kenton Spading
- 2009 Mark Lehner
- 2010 Jon Muller
- 2011 Thomas F. King, Randall S. Jacobson, Karen Ramey Burns, & Kenton Spading
- 2012 Matthew Richard Des Lauriers

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- 2008 William Andrefsky, Jr.
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- 2010 Timothy A. Kohler
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- 2002 Clive Gamble
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- 2005 Lewis Binford
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- 2009 Mark Lehner
- 2010 Jon Muller
- 2011 Thomas F. King, Randall S. Jacobson, Karen Ramey Burns, & Kenton Spading
- 2012 Matthew Richard Des Lauriers

**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

**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
- 1999 Ronald Bishop
- 2000 James Hill
- 2001 Robert L. Rands
- 2002 Warren R. DeBoer
- 2003 Owen Rye
CRABTREE AWARD
Established in 1985 to recognize significant contributions to archaeology in the Americas made by an individual who has had little if any formal training in archaeology and little if any wage or salary as an archaeologist. The award is named after Don Crabtree of Twin Falls, Idaho, who made significant contributions to the study of lithic technology and whose dedication to archaeology was a lifelong personal and financial commitment.

1985 Clarence H. Webb, MD
1987 Leonard W. Blake
1988 Julian Dodge Hayden
1989 J. B. Sollberger
1990 Ben C. McCary
1991 James Pendergast
1992 Stuart W. Conner
1993 Mary Elizabeth Good
1994 Leland W. Patterson
1995 Jeff Carskadon
1996 James H. Word
1997 Sidney Merrick Wheeler (posthumous) & Georgia Nancy Wheeler Felts
1998 Reca Jones
1999 Gene L. Titmus
2000 Richard P. Mason
2001 John D. "Jack" Holland
2002 Richard A. Bice
2003 Dr. Guillermo Mata Amado
2004 Robert Patten
2005 Eugene C. Winter, Jr.
2006 Karl Herbert Mayer
2007 Jay C. Blaine
2009 Paul Tanner
2010 Larry Kinsella
2011 George Poetschat
2012 John T. Dowd

AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT
Established in 1994 to recognize lifetime contributions & special achievements by an archaeologist in one of three areas: program administration & management, site preservation, & research. Each year the award is given in one area on a rotating basis.

1994 Hester A. Davis
1995 Lawrence E. Aten
1996 Charles R. McGimsey III
1997 James J. Miller
1998 David A. Frederickson
1999 David G. Anderson
2000 Robert Jackson
2002 Laurence W. Spanne
2003 John Milner Associates & The General Services Administration
2004 Linda Mayro
2005 Arizona Site Steward Program
2007 George Smith
2008 John Walthall
2009 Mike Beckes
2010 William H. Doelle
2011 Nelly Robles Garcia

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 Higueras-Hare (Univ of Pittsburgh)
1998 Mark D. Varien (Arizona State Univ)
1999 Karen G. Harry (Univ of Arizona)
2000 Alex Barker (Univ of Michigan)
2001 Andrew I. L. Duff (Arizona State Univ)
2002 Silvia R. Kembel (Stanford Univ)
2003 Wesley Bernardini (Arizona State Univ.)
2004 Ian G. Robertson (Arizona State Univ)
2005 Severin M. Fowles (University of Michigan)
2006 Elisabeth Hildebrand (Washington University)
2007 Matthew Liebmann (University of Pennsylvania)
2008 Kevin D. Fisher (University of Toronto)
2009 Timothy C. Messner
2010 Sarah Clayton
(Arizona State University)
2011 Scott G. Ortman
(Arizona State University)
2012 Christopher Morehart
(Northwestern University)

DISTINGUISHED SERVICE AWARD
(Succeeded by the Lifetime Achievement Award in 2001)
Presented annually to a member for specific accomplishments that are truly extraordinary, widely recognized as such, and of a positive and lasting quality. Recognition can be granted in a wide range of areas relating to archaeology. First awarded in 1975, SAA decided in 1980 to make the award on an annual basis.

1975 Carl Haley Chapman
Charles Robert McJimsey III
1980 Gordon Randolph Willey
1981 Albert Clanton Spaulding
1982 Jesse David Jennings
1983 Hannah Marie Wormington
1984 James Bennett Griffin
1985 Emil Walter Haury
1986 Waldo R. Wedel
1987 William A. Ritchie
1988 Richard B. Woodbury
Nathalie F. S. Woodbury
1989 George Irving Quimby
1990 Fred Wendorf
1991 Douglas Schwartz
1992 John E. Yellen
1993 George J. Gumerman
1994 Hester A. Davis
1995 Stuart Struvever
1996 Robert McCormick Adams
1997 Dena Dincauze
1998 Raymond H. Thompson
1999 James A. Brown
2000 William D. Lipe

FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH
Initiated in 1977 to specially recognize interdisciplinary excellence by a distinguished scientist, who need not be an archaeologist but whose research has contributed significantly to American archaeology. Each year the award is based on practice in one of five disciplines: earth sciences, physical sciences, general interdisciplinary studies, zoological sciences, and botanical sciences. The award, which consists of a citation and a medallion, was named in memory of Roald Fryxell, whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology.

1978 C. Vance Haynes
1979 Peter J. Mehringer
1980 James B. Griffin
1981 Karl W. Butzer
1982 David J. Baerreis
1983 John E. Guilday (posthumous)
1985 Roger T. Saucier
1986 Donald K. Grayson
1987 Richard I. Ford
1988 David M. Hopkins
1989 Joseph B. Lambert
1990 Patty Jo Watson
1991 Paul W. Parmalee
1992 Richard Yarnell
1993 Herbert E. Wright Jr.
1994 Garman Harbottle
1995 Robert J. Braidwood
1996 Elizabeth S. Wing
1997 Vorsila L. Bohrer
1998 John W. Weymouth
1999 Henry P. Schwarz
2000 Richard S. MacNeish
2001 Melinda A. Zeder
2002 Deborah M. Pearsall
2003 George Rapp
2004 R.E. Taylor
2005 Bruce D. Smith
2006 Oscar Polaco Ramos
2007 Vaughn M. Bryant
2008 Paul Goldberg
2009 Michael D. Glascock
2010 Jane Buikstra
2011 R. Lee Lyman
2012 Christine Hastorf
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.

LIFETIME ACHIEVEMENT AWARD
(formerly the Distinguished Service Award)
The Lifetime Achievement Award is presented annually in recognition of a member who has performed truly extraordinary service of positive and lasting quality to the Society for American Archaeology or to the profession as a whole.

2001 Jeffrey S. Dean
2002 Jaime Litvak King
2003 Don D. Fowler
2004 Ian Graham
2005 George Carr Frison
2006 Bruce Trigger
2007 Frank Hole
2008 Lewis R. Binford
2009 Linda Cordell
2010 Patty Jo Watson
2011 W. Raymond Wood
2012 Bennie C. Keel

DIENJE KENYON MEMORIAL FELLOWSHIP
The Dienje Kenyon Fellowship is presented in support of research by women students in the early stages of their archaeological training. It is presented in honor of Dienje Kenyon and was awarded for the first time in 2000.

2000 Rhonda Bathurst
2001 Briana Pobiner
2002 Elizabeth Espy
2003 Elizabeth Arnold
2004 Jamie Clark
2005 Michelle LeFebvre
2006 Sarah Elizabeth Mistak
2007 Jennifer L. Henecke
2008 Sarah G. Bergh

2009 Kayla L. Pettit
2010 Ashley Sharpe
2011 Carla Hadden
2012 Angela R. Perri

AWARD FOR EXCELLENCE IN LITHIC STUDIES
Established in 1994 to recognize excellence by an archaeologist whose innovative research or repeated & 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 HAWAIIANS
This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada.

1999 Lokelani H. Aipa
Frank Mt. Pleasant
Leslie Awong
2000 Leander Lucero
Amada Rockman
Lahele Perry
2001 Bonnie Lee Dziadasek
Desiree Martinez
Blair First Rider
2002 Deona Naboa
Natalie Ball
Tracy Pierre
2003 Michael Garcia
Gordon C. Moore
Carley Kaleo Vear
Scott T. Kikiloi
2005 Lizatine A. Tzosie
Laurie Shead
Denny Gayton
2006 Vera Asp
Ashley Layne Atkins
Joey Condit
Elizabeth Lein’Ala Kahave
Roberta Lynn Thomas
2007 Tracey Pierre
2008 Na’Uli’ma Ahuna
Tracey Pierre
Program of the 78th Annual Meeting

2009
Simon Solomon
Shianne Sebastian
Ira K. Matt
Wesley D. Miles

2010
Wesley D. Miles
Simon Arthur Solomon
Elijah Sanderson

2011
Robert James David
Kevin J. Brown
Liana Staci Hesler

2012
Joshua Castileman
Joel Nicholas
Autumn Whiteway

ARTHUR C. PARKER SCHOLARSHIP
This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada. The scholarship is named in honor of SAA’s first president, Arthur C. Parker, who was of Seneca ancestry.

1998 Angela J. Neller
1999 Iwalani Ching
2000 Randy Thompson
2001 Cynthia Williams
2002 Nola Markey
2003 Kalewa Skye Arie Correa
2004 Sean P. Naleimai
2005 Larae Buckskin
2006 Malia Kapuanalani Evans-Mason
2007 Ora Marek
2008 Marie Sina Faatuala
2009 Travis Maki
2010 Paulette Faith Steves
2011 Kamakana Christian Ferreira
2012 Ashleigh Thompson

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

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

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 Alannah J. Woody (Student)
George R. Miller & James S. Oliver (Professional)
Dennis E. Lewarch & Laura S. Phillips (organizers, outstanding Poster Symposium)
1995 Tim Hunt, Mark Madsen, & Carl Lipo (Student)
Brenda J. Baker & Maria A. Liston (Professional)
1996 Clinton C. Hoffman (Student)
Adam King (Student)
Stephen H. Lekson (Professional)
1997 Anastasia Steffen, Rita Moots Skinner, & Ann F. Ramenofsky

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
Program of the 78th Annual Meeting

1990
Jerome A. Miller
Nathalie F. S. Woodbury

1991
Lyne Goldstein
Rachael Hamilton
Keith Kintigh
Earl Lubensky
Loretta Neumann
Kathleen Reinhurg
David Hurst Thomas
Mark Leone
Jeremy A. Sabloff

1992

1993
Jerald Milanich
Daniel G. Roberts
Bruce D. Smith
Vincas P. Steponaitis
David S. Brose
Edward Friedman
R. Bruce McMillan
Teresita Majewski
William H. Marquardt
Dan F. Morse
J. Daniel Rogers

1994

1995
Mark Aldenderfer
Roger Anyon
Robert Drennan

1996
Diane Gifford-Gonzalez
Lyne Goldstein
Keith Kintigh
Mark J. Linnott
Phyllis Messenger, KC
Smith, & Cathy MacDonald
Paul Minnis
Bruce E. Rippeteau
Alison Wylie
Melinda A. Zeder

1997
Mark Aldenderfer
David Anderson
Roger Anyon & T. J. Ferguson
Keith Kintigh
Florence Lister
Donna Seifert
Joe Watkins

1998
Stephen Dyson for

PRESIDENTIAL RECOGNITION AWARD
Instituted in 1990 to permit SAA to recognize individuals who have provided extraordinary services to the Society & the profession in the past year. Awardees are determined by the president of the society, in consultation with members of the Board.
Archaeology Magazine

Ed Friedman
Janet Levy
William Lovis
1999
Caryn Berg
Susan J. Bender
Judith A. Bense
Jon S. Czaplicki
Gary Feinman
Linda Manzanilla
Tristine Lee Smart
George S. Smith
Joe Watkins
2000
Lynne Goldstein
James A. Goold
Kurt E. Dongoske
2001
Mark Aldenderfer
Patricia Gilman
The Law Department of the National Trust for Historic Preservation
Francis P. McManamon
Ian W. Brown
2002
Michael J. Fanelli
Donald Forsyth Craib
Johna Hultria
2003
John Chamblee
Fred Wendorf, Stuart Struever, & Doug Schwartz
2004
Garth Bawden
Julie Hollowell-Zimmer & Chip Colwell-Chanthaphonh
Erin Kuns
William Longacre
2005
MATRIX Project
2006
SAA National Historic Landmarks Committee
2007
PEC Web Pages Working Group
John Kantner
2008
Alex Barker
Nelly Robles Garcia
Daniel H. Sandweiss
2009
Phillip L. Walker
2010
75th Anniversary Task Force:
Jeremy Sabloff
James Snead
Wendy Ashmore
David Brownman
Don Fowler
Lisa Lecount
Linda Manzanilla
Bruce Smith
Fundraising Committee:
William Doelle
Susan Bender
1999
Cathie Cameron
John E. Kelly
Paul Minnis
Linda Pierce
Bruce Rippeteau
Martha Rolingson
Ken Sassaman
2011
Susan B. Bruning
Paul Minnis
2012
Jonathan Muller
Tomas Enrique-Mendezabal Archibald
Christopher D. Dore
Daniel H. Sandweiss
AWARD FOR EXCELLENCE IN PUBLIC EDUCATION
Begun in 1997 to recognize institutions or individuals who bring about an improved public understanding & appreciation of anthropology & archaeology.
1997 Brian Fagan
1998 Jan Coleman-Knight
1999 Crow Canyon Archaeological Ctr
2000 George Stuart
2001 George Brauer
2002 AnthroNotes
2003 Jeanne Moe
2004 Patricia Wheat-Stranahan
2005 Office of Archaeological Studies at the Museum of New Mexico
2006 Richard M. Pettigrew
2007 The 5th St. Cemetery
2008 Texas Beyond History Website
2009 Center for American Archaeology
2010 Project Archaeology
2012 Education Outreach Program of the Office of Archaeological Studies
PUBLIC SERVICE AWARD
Begun in 1983 to recognize the important contributions of a public figure to the protection & 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:
Program of the 78th Annual Meeting

1984  Sen. James A. McClure
1985  Speaker James C. Wright Jr.
1986  Secretary of the Interior Donald P. Hodel
1988  Rep. Charles E. Bennett
1989  Sen. Peter V. Domenici
1991  Secretary of the Interior Manuel Lujan Jr.
1992  The Archaeological Conservancy
1993  Constance Werner Ramirez
1994  James Beck  Deborah Daniels  Jeffrey Kent  Larry Mackey  Scott Newman
1995  Grand Canyon Trust
1996  Matt Crenson  (Dallas Morning News)
1997  (no award)
1998  Scott LaFee  (San Diego Union-Tribune)
1999  William Mullen  (Chicago Tribune)
2000  Frank Roylance  (Baltimore Sun)
2001  Mike Toner  (The Atlanta Journal-Constitution)
2002  Chip Minty  (The Daily Oklahoman)
2003  Representative Leonard Boswell  Paula Desio
2004  Marion Lloyd  (Chronicle of Higher Education)
2005  Andrew Petkofsky
2006  Richard L. Hill
2007  Tom Avril  (Philadelphia Enquirer)
2008  Andrea Cooper  (freelance)
2009  Dan Vergano  (USA Today)
2010  Alexandra Witze  (Dallas Morning News)
2011  Scott Ortman
2012  Michael Mathiowetz
2013  John M. Marston
2014  Melanie Beasley  Jack Meyer  Eric J. Bartelink  Randy Miller
2015  Sean B. Dunham
2016  Indiana University/University of Nevada – Reno
2017  University of Arizona

1995  Constance Werner Ramirez
1996  Debbie Daniels  Larry Mackey  Scott Newman
1997  (no award)
1998  Daniel Beck  Deborah Daniels  Jeffrey Kent  Larry Mackey  Scott Newman
1999  William Mullen  (Chicago Tribune)
2000  Frank Roylance  (Baltimore Sun)
2001  Mike Toner  (The Atlanta Journal-Constitution)
2002  Chip Minty  (The Daily Oklahoman)
2003  Representative Leonard Boswell  Paula Desio
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2006  Richard L. Hill
2007  Tom Avril  (Philadelphia Enquirer)
2008  Andrea Cooper  (freelance)
2009  Dan Vergano  (USA Today)
2010  Alexandra Witze  (Dallas Morning News)
2011  Scott Ortman
2012  Michael Mathiowetz
2013  John M. Marston
2014  Melanie Beasley  Jack Meyer  Eric J. Bartelink  Randy Miller
2015  Sean B. Dunham
2016  Indiana University/University of Nevada – Reno
2017  University of Arizona

GENE S. STUART AWARD

Initiated in 1994 to enhance public understanding of archaeology & 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 & managing editor of National Geographic Society books who devoted her career to the presentation & 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)
2003  Representative Leonard Boswell  Paula Desio
2004  Marion Lloyd  (Chronicle of Higher Education)
2005  Andrew Petkofsky
2006  Richard L. Hill
2007  Tom Avril  (Philadelphia Enquirer)
2008  Andrea Cooper  (freelance)
2009  Dan Vergano  (USA Today)
2010  Alexandra Witze  (Dallas Morning News)
2011  Scott Ortman
2012  Michael Mathiowetz
2013  John M. Marston
2014  Melanie Beasley  Jack Meyer  Eric J. Bartelink  Randy Miller
2015  Sean B. Dunham

STUDENT PAPER AWARD

Initiated in 2000, this award is designed to recognize the best student research paper presented at the Annual Meeting. All student members of SAA are eligible to participate. The awardees have been:

2000  Nathan S. Lowrey  (with Thomas C. Pleger)
2002  Christopher Morehart
2003  Devin Alan White
2004  Briana L. Pobiner & David R. Braun
2005  Elizabeth Horton & Christina B. Rieth
2006  Metin I. Eren & Mary E. Prendergast
2007  Scott Ortman
2009  Michael Mathiowetz
2010  John M. Marston
2011  Melanie Beasley
2012  Sean B. Dunham

ETHICS BOWL RECIPIENTS

Initiated in 2004, the Ethics Bowl is a festive, debate-style competition for students to explore the ethics of archaeological practice. The Ethics Bowl trophy is awarded each year to the team of students that responds to hypothetical dilemmas with the clearest intelligibility, depth, focus, and judgment.

2004  Indiana University/University of Nevada – Reno
2005  University of Arizona
2006  San Diego State University
2007  Brown University
2008  University of California-Berkeley
2009  Texas A&M
2010  Brown University
2011  University of California-Santa Barbara
2012  Northern Arizona University

PRESIDENTS OF SAA

A. C. Parker 1935-1936
Diamond Jeness 1936-1937
A. V. Kidder 1937-1938
Edgar B. Howard 1938-1939
Neil Judd 1939-1940
W. C. McKern 1940-1941
Glenn Black 1941-1942
Nels C. Nelson 1942-1943
Emil W. Haury 1943-1944
J. Alden Mason 1944-1945
Carl E. Guthe 1945-1946
Frederick Johnson 1946-1947
Douglas S. Byers 1947-1948
Waldo R. Wedel 1948-1949
J. O. Brew 1949-1950
Frank Roberts Jr. 1950-1951
James B. Griffin 1951-1952
Irving Rouse 1952-1953
Gordon F. Ekholm 1953-1954
Robert Wauchope 1955-1955
W. Duncan Strong 1955-1956
William A. Ritchie 1956-1957
George I. Quimby Jr. 1957-1958
Richard B. Woodbury 1958-1959
Jesse D. Jennings 1959-1960
Erik K. Reed 1960-1961
Junius Bird 1961-1962
David A. Baerreis 1962-1963
James A. Ford 1963-1964
Albert C. Spaulding 1964-1965
Paul S. Martin 1965-1966
Joe B. Wheat 1966-1967
Gordon R. Willey 1967-1968
H. Marie Wormington 1968-1969
Ignacio Bernal 1969-1970
Robert Lister 1970-1971
Richard S. MacNeish 1971-1972
Charles C. Di Peso 1972-1973
Charles R. McSimsey III 1974-1975
Stuart Struver 1975-1976
Raymond H. Thompson 1976-1977
Cynthia Irwin-Williams 1977-1979
Fred Wendorf 1979-1981
George C. Frison 1983-1985
Don Fowler 1985-1987
Dena Dincauze 1987-1989
Prudence Rice 1991-1993
Bruce D. Smith 1993-1995
William D. Lipe 1995-1997
Vinca P. Steponaitis 1997-1999
Keith W. Kintigh 1999-2001
Robert L. Kelly 2001-2003
Lynne Sebastian 2003-2005
Dean R. Snow 2007-2009
Margaret W. Conkey 2009-2011
W. Fredrick Limp 2011-2013

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 & 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
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Exhibitor Directory

American Rock Art Research Association
201 W. Soloman
Midland TX 79705-3032
#215
The American Rock Art Research Association is a diverse community of members who are 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.

Antiquity
Department of Archaeology
Durham University
Durham DH1 3LE
United Kingdom
#113
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
Boston MA 02215-2072
#200
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.

Beta Analytic
4985 SW 74th Court
Miami FL 33155-4471
#301
ISO 17025-accredited Beta Analytic is a dedicated radiocarbon dating laboratory with standard turnaround time of 14 business days for its AMS dating service. Expedited services are available (2-6 business days). All analyses are performed in-house by dedicated professional scientists. No analyses are subcontracted. Multiple laboratories in Miami, Florida, ensure redundancy and dependable delivery. Respected worldwide for accuracy, quality, and customer care. Results are accessible 24/7 via web access.

BigC: Dino-Lite Scopes
20655 S. Western Ave.
Torrance CA 90501-1800
#114
Dino-Lite portable digital microscopes and eyepiece cameras provide high-quality microscopy video interfacing to PC and MAC with clear and steady imaging. Most models provide 10x-200x along with a multitude of software features.

Bruker Elemental
415 N. Quay Street
Kennewick WA 99336-7783
#303
Bruker Elemental, a technology leader in handheld XRF analyzers, provides a range of analyzers for use in elemental analysis. The Tracer series is the defacto standard in portable XRF analyzers used in authentication, conservation and restoration of art and other historic artifacts.

CAIS, University of Georgia
120 Riverbend Road
Athens GA 30602-1510
#100
Center for Applied Isotope Studies at University of Georgia conducts precise AMS and LSC radiocarbon dating with standard deviation better than ±30 years and stable isotope analyses for paleodietary and paleoenvironmental reconstruction. Professional staff
performs analyses with high quality and standard turnaround time 3-4 weeks.

Cambridge University Press
32 Avenue of the Americas
New York NY 10013-2473
#316 & 318
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/.

Center for Digital Archaeology, UC Berkeley
Dept. Anthropology #3710
University of California Berkeley
Berkeley CA 94720
#418
CoDA is a non-profit organization to assist archaeologists and heritage projects to take charge of their resources with digital tools, including virtual heritage for indigenous groups (e.g., Mukurtu), database development and recording strategies.

Cotsen Institute of Archaeology at UCLA
308 Charles E. Young Dr. N
A210 Fowler Building, Box 951510
Los Angeles CA 90095-1510
#317 & 319
The Cotsen Institute of Archaeology at UCLA is a premier research organization dedicated to the creation, dissemination, and conservation of archaeological knowledge and heritage. CIOA is also home to the Interdepartmental Archaeology Program, the UCLA/Getty Program in Archaeological and Ethnographic Conservation, and the Cotsen Institute of Archaeology Press.

Council of Affiliated Societies (CoAS)
Society for American Archaeology
1111 14th St. NW, Suite 800
Washington DC 20005
#123
Want to see what your local archaeology society is up to? At the Council of Affiliated Societies (CoAS) Booth you can pick up literature about the activities of societies across the US and Canada. CoAS sponsors the Annual Archaeology Month Poster Contest too, so peruse the posters near our booth and cast your ballot for your favorite one by Friday at noon. Your ballot is in your registration materials.

David Brown Book Company
PO Box 511
28 Main Street
Oakville CT 06779-0511
#110, 211, 108, & 209
The David Brown Book Company is the North American office of Oxbow Books. We are North America’s leading publisher and distributor of scholarly and specialist publications in Archaeology, Prehistory, the Ancient and Medieval Worlds, Egyptology, Religion, Literature, Art and much more.

Digital Antiquity
SHESC - Arizona State University
Tempe AZ 85287
#408
Digital Antiquity is a non-profit organization devoted to enhancing preservation of and access to irreplaceable archaeological knowledge. Digital Antiquity supports research, cultural resource management, education, and public outreach through tDAR (the Digital Archaeological Record), a digital repository for discovering, managing, preserving, and using archaeological information.
DirectAMS
550 17th Ave
Suite 550
Seattle WA 98122
#208
Welcome to DirectAMS, the radiocarbon dating unit of Accium BioSciences. Please visit us at www.directAMS.net.

Dudek
605 3rd Street
Encinitas CA 92024
#102
Dudek's cultural services include prehistoric archaeological site identification, significance testing, and mitigation programs; architectural historical assessments; Federal Section 106 investigations and documentation; paleontological resource assessments; cultural resource management plans; and project site constraint analyses.

Durham University, UK
South Road
Durham DH1 3LE
United Kingdom
#105
Are you interested in furthering your international education? The Departments of Archaeology and Anthropology at Durham University, England provide a range of undergraduate and graduate (taught and research postgraduate) degrees. Staff will be available to talk about the university and its programs, and to assist interested colleagues in selecting the right course of study.

Elsevier B.V.
Radarweg 29
Amsterdam 1043NX
Netherlands
#218
Elsevier is a world-leading provider of scientific, technical and medical information products and services. The company works in partnership with the global science and health communities to publish more than 2,000 journals and close to 20,000 book titles, including major reference works. Elsevier's popular online solutions include ScienceDirect and Scopus.

European Association of Archaeologists
Letenska 4
Praha 1 11801
Czech Republic
#116
The EAA offers membership to all archaeologists and anthropologists. It has a range of activities, including an annual conference, a journal (the European Journal of Archaeology) and a biannual newsletter.

Forensic Archaeology Recovery (FAR)
235 River Farm Drive
East Greenwich RI 02818-2127
#420
Forensic Archaeology Recovery is a non-profit humanitarian organization employing archaeological methods to assist in the possible location and recovery of missing and lost individuals. We also assist authorities in the recovery of personal effects and human remains at mass casualty events.

GEM Advanced Magnetometers
135 Spy Court
Markham ON L3R 5H6
Canada
#205
Using gradiometers in archaeological applications provide excellent results in discovering new historical areas while maintaining minimal disruption to the surroundings. GEM's unique Overhauser and Potassium gradiometer systems combine data quality, survey efficiency, and significant benefits for archaeology applications, including the ability to map prehistoric and historic sites in 3D.
Geo-Marine, Inc.  
2201 K Avenue, Suite A2  
Plano TX 75074-5977  
#309
Geo-Marine, Inc., an environmental engineering firm, provides quality cultural resources services that have both scientific and visual impacts. Geo-Marine specializes in providing clients with innovative and cost effective solutions to meet historic preservation needs effectively.

Geometrics  
2190 Fortune Dr.  
San Jose CA 95131-1815  
#412
Geometrics, a member of the OYO Corporation, manufactures, sells, rents, and services portable geophysical instruments for land, marine, and air investigations of the subsurface. Geometrics' main product line includes proton precession and cesium magnetometers, high-resolution seismographs and digital marine streamers, and electrical conductivity imaging and resistivity systems. Geometrics' instruments are used around the world for natural resource exploration, geotechnical and environmental assessments, ordnance detection, surveillance, locating archeological and treasure sites, and teaching and research.

Geophysical Survey Systems, Inc.  
12 Industrial Way  
Salem NH 03079  
USA  
#210
GSSI is the world leader in the development of Ground Penetrating Radar (GPR) technology and subsurface imaging products. These tools are ideal for the non-invasive mapping of archaeological finds in all terrain and climate conditions. Archaeologists worldwide currently use GSSI GPR for the accurate mapping of sites for excavation or avoidance.

GNS Science / Rafter Radiocarbon  
30 Gracefield Rd  
Gracefield, Lower Hutt 5040  
New Zealand  
#402
Rafter Radiocarbon is the world's oldest continuously operating radiocarbon dating lab. A division of GNS Science, New Zealand's earth science research institute we offer quality commercial AMS radiocarbon dating services to clients around the world in applications such as archaeology, geology, earth and environmental science. We have been helping researchers with their radiocarbon dating needs for over 50 years.

Human Relations Area Files  
755 Prospect Street  
New Haven CT 06511-1225  
#214
eHRAF Archaeology/World Cultures are cross-cultural databases containing information on the world's prehistory and cultures. These annually-growing eHRAF databases are organized by archaeological traditions and cultures. The full-text sources are subject-indexed at the paragraph level. eHRAF Archaeology/World Cultures are unique resources designed to facilitate comparative archaeological & cultural studies.

ISD  
70 Enterprise Drive  
Bristol CT 06010  
#419
ISD distributes books for premier archaeology publishers, including Equinox Publishing, Acumen, Aarhus University Press, and ASOR.

Left Coast Press, Inc.  
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