

# **PROGRAM OF THE 77TH ANNUAL MEETING**

**April 18-22, 2012  
Memphis, Tennessee**



**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 77th Annual Meeting*

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

*APRIL 20, 2012*

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

Call for Approval of Minutes of the  
**2011 Annual Business Meeting**

#### **Remarks**

President W. Frederick (Fred) Limp

#### **Reports**

Treasurer Christopher D. Dore

Secretary Janet E. Levy

Executive Director Tobi A. Brimsek

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

Presidential Recognition Awards

Gene Stuart Award

Archaeology Week Poster Award

Student Paper Award

Ethics Bowl Trophy

Scholarships & Fellowships

Dissertation Award

Book Awards

Award for Excellence in Archaeological Analysis

Award for Excellence in Public Education

Crabtree Award

Fryxell Award for Interdisciplinary Research

Lifetime Achievement Award

#### **New Business**

#### **Ceremonial Resolutions**

### **6:30 PM Adjournment**

## 2012 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:** Barbara M. Arroyo

For her initiation of the idea of the Conferencia Intercontinental, her tireless efforts working with the Society's Board to define the character of the conference, and her continuing superb advice and guidance throughout the process, we proudly present this award to Barbara M. Arroyo.

### **PRESIDENTIAL RECOGNITION AWARD**

**Recipient:** Tomás Enrique Mendizábal Archibold

For his outstanding contributions and tireless efforts to the success of the first Conferencia Intercontinental, including arranging local sponsorships, navigation of and coordination with local agencies and authorities, assistance in translation and many other actions both large and small, we proudly present this award to Tomás Enrique Mendizábal Archibold.

### **PRESIDENTIAL RECOGNITION AWARD**

**Recipient:** Daniel H. Sandweiss

For his tireless organizational efforts and superb coordination, his promotion of the program, his review process of the abstracts and construction of the program and his many other tangible contributions that have made the Conferencia Intercontinental a success, we proudly present this award to Daniel H. Sandweiss.

### **PRESIDENTIAL RECOGNITION AWARD**

**Recipient:** Christopher D. Dore

For his leadership and efforts in the identification of the need for a new journal for the society, for his market research defining the role and objectives of the journal and for his comprehensive fiscal planning, all of which have placed the new journal in an excellent position for its long term success and continuing value to the membership, we proudly present this award to Christopher D. Dore.

### **GENE STUART AWARD**

**Recipient:** Mike Toner

Mike Toner, a Pulitzer Prize-winning author and writer for *American Archaeology*, has earned the 2012 Gene S. Stuart Award for his responsible and entertaining writing about the inherent problems associated with shipwreck and underwater archaeology. "The Battle for the Dunkirk Schooner" presents an ethically responsible and engaging view on the issues of antiquity ownership and the dangers of raising a shipwreck. His article describes an early 19th century

schooner that lies at the bottom of Lake Erie, and explores the legal issues that have arisen between a private salvage firm and the state of New York, both claiming rights to the wreck. Mike Toner has brought an archaeological find and preservation issues to the attention of the public in a way all archaeologists can be proud of. This is Mr. Toner's second Gene S. Stuart Award.

**DIENJE KENYON FELLOWSHIP**

**Recipient:** Angela R. Perri

**FRED PLOG MEMORIAL FELLOWSHIP**

**Recipient:** Joshua Watts

**DOUGLAS KELLOGG FELLOWSHIP**

**Recipient:** Joe D. Collins, Jr.

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

**Recipient:** Ashleigh Thompson (Red Lake Band of Chippewa Indians)

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

**Recipient:** Joshua Castleman (Muscogee (Creek) Nation)

**Recipient:** Joel Nicholas (Hopi)

**Recipient:** Autumn Whiteway (Metis)

**SAA NATIVE AMERICAN UNDERGRADUATE ARCHAEOLOGY SCHOLARSHIP**

**Recipient:** Laura Jane Brandon (Waywayseecappo First Nation)

**SAA NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP**

**Recipient:** Nicholas Laluk (White Mountain Apache)

**STUDENT PAPER AWARD**

**Recipients:** Sean B. Dunham

This year's SAA Student Paper Award is presented to Sean B. Dunham of Michigan State University for his paper "Late Woodland Landscapes in the Eastern Upper Peninsula of Michigan." Dunham's thoughtful examination of the relationship between people and their physical environment in the Great Lakes challenges the assertion that Native Americans lived in a "pristine wilderness" in the era prior to European colonization and suggests that Late Woodland peoples actively shaped their environment. He specifically employs General Land Office surveys, habitat information, and site distribution to reveal evidence for anthropogenic modification of the landscape in the Late Woodland. His conclusion that human agency in the form of dynamic subsistence practices and conscious habitat maintenance characterizes the Late Woodland has significant implications for landscape studies in Michigan's Upper Peninsula and throughout the Eastern Woodlands.

**DISSERTATION AWARD**

**Recipient:** Christopher Morehart

Christopher Morehart's dissertation, *The Archaeology of Farmscapes: Production, Place, and the Materiality of Landscape at Xaltocan, Mexico* (Northwestern University, 2010) details the evolution of a Postclassic Period agricultural landscape in the area of Xaltocan in the Basin of Mexico. Synthesizing remote sensing, survey, soil chemistry, archaeobotanical, and excavation data, the author meticulously reconstructs how farmers dealt with shifting material, social, political and ideological factors in developing and experiencing the chinampa farmscape. The work connects daily agricultural practices with larger political processes, including Aztec conquest, by revealing how political relations, communal relations, and systems of property, were manifested in the fields and their use. Guided by innovative conceptualizations of "choreogeography" and materiality, the author shows how chinampa system dynamics can be understood only through synthesizing ecological with practice-oriented, phenomenological perspectives. In its multifaceted and multiscale approach, the research illustrates the potential of agriculture landscapes for re-envisioning the dynamics of prehistory.

**BOOK AWARDS**

The Society for American Archaeology annually awards a prize honoring a recently published book that has had, or is expected to have, a major impact on the direction and character of archaeological research, and/or is expected to make a substantial contribution to the archaeology of an area. The Society for American Archaeology also annually recognizes a book that has made, or is expected to make, a substantial contribution to the presentation of the goals, methods, and results of archaeological research to a more general public.

**BOOK AWARD**

**Recipient:** Matthew Richard Des Lauriers

*Island of Fogs: archaeological and Ethnohistorical investigations of Isla Cedros, Baja California* is an important study of maritime adaptations along the West Coast of North America over about 12,000 years, which draws on sophisticated theoretical arguments, the author's own research, and a wide range of archaeological data and ethnohistorical sources from elsewhere along the coast. Clearly written and beautifully argued, the book argues that the first settlers of the island were fully-fledged maritime hunter-gatherers. It also develops telling analyses of the gradual population growth and more specialized adaptations that followed. This is a very important monograph that will exercise a profound influence both on California and Baja archaeology, and also on the study of maritime hunter-gatherers generally.



**BOOK AWARD: PUBLIC AUDIENCE BOOK AWARD**

**Recipient:** Terry Hunt and Carl L. Lipo

*Statues That Walked* tells a story of state-of-the-art, multidisciplinary research and sophisticated settlement archaeology. In the process, Terry Hunt and Carl Lipo have revolutionized our knowledge of Easter Island's first settlement and later past and effectively raised serious questions about, and, indeed, probably have debunked, the long-held theory that Easter Island is a classic case of ecological Armageddon. Previous research has been much preoccupied with the unique statuary on the island. Hunt and Lipo place the great figures in a much broader context, and, in the process, have set future research, not only on Easter Island but throughout Polynesia, on a new footing. And they succeed in doing all this in a way that is accessible to the widest possible audience.

**AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS**

**Recipient:** James Skibo

James Skibo has earned the SAA's Award for Excellence in Archaeological Analysis for his life-long contributions to the field of archaeological ceramic studies. Through a combined approach relying on ethnoarchaeological and experimental research, Dr. Skibo's many publications have provided concrete examples of how the methodological analysis of ceramics can be bridged with theory and how it can be used to address questions of broad anthropological interest. He has authored dozens of articles and an impressive ten books, including the 1992 book *Pottery Function*, which remains the definitive work on pottery use-alteration. The substantial impact of his work is reflected in the large numbers of citations that it has received by scholars working throughout the world. The SAA is proud to present this award to Dr. Skibo.

**AWARD FOR EXCELLENCE PUBLIC EDUCATION**

**Recipient:** Education Outreach Program of the Office of Archaeological Studies  
For its leadership in archaeology education, including its interactive programs for sharing archaeology throughout the state and engaging New Mexicans in protecting the archaeological record, we proudly present this award to the Education Outreach Program of the Office of Archaeological Studies.

**CRABTREE AWARD**

**Recipient:** John T. Dowd

John T. Dowd is a well-known and respected avocational archaeologist whose archaeological activities began in the 1960s and continue today. He has personally recorded 90 sites in 66 Tennessee counties, but he is particularly regarded for his publications on Middle Archaic and Mississippian sites in middle Tennessee, especially his monograph on the Anderson site. He has consistently published the results of his field investigations and continues these efforts today with two recent publications and another forthcoming in the e-journal *Tennessee Archaeology*. Mr. Dowd has spent most of his life developing archaeological skills and encouraging avocational archaeologists to thoroughly document their

work. He has served as a founder, active member, contributor, and officer in many Middle Tennessee archaeological organizations, and he has regularly presented archaeological programs to local groups. Mr. Dowd stands as an exemplary model for the best kind of avocational archaeologist and is fully deserving of the Crabtree award

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

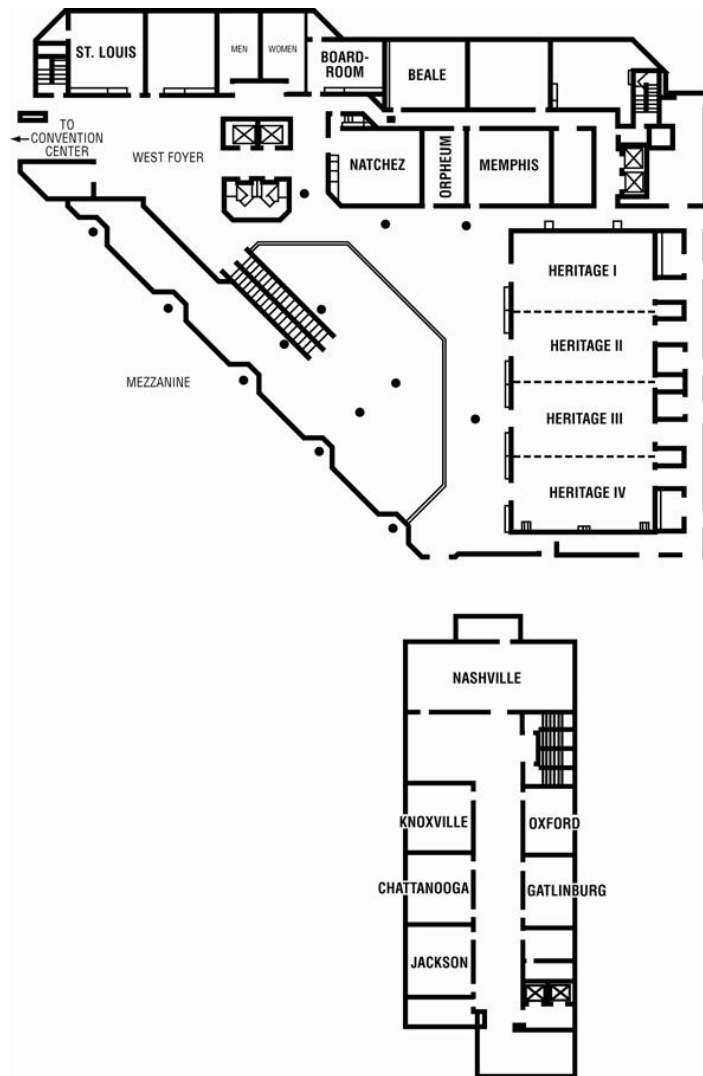
**Recipient:** Christine Hastorf

Christine Hastorf has earned the SAA's Fryxell Award for Excellence in Interdisciplinary Research in the Botanical Sciences for her significant contributions to archaeological method and theory on two fronts: her investigations and their publication, and her teaching and mentoring. Through the rigorous application of paleoethnobotanical data and direction of interdisciplinary research projects, Dr. Hastorf has made significant contributions to the archaeological study of food systems, household production, gender, and political complexity. Her work has been particularly influential in Andean South America, but she has also contributed to North American and Near Eastern paleoethnobotany and archaeology. While her numerous published books and articles have advanced interdisciplinary archaeological research, she has also done so through regularly organizing collaborative symposia and projects with her colleagues, and is a tireless mentor to both undergraduate and graduate students. Dr. Hastorf's career exemplifies how biological approaches to the archaeological record contribute to theoretical topics in anthropology, as well as a wide range of regional archaeological studies.

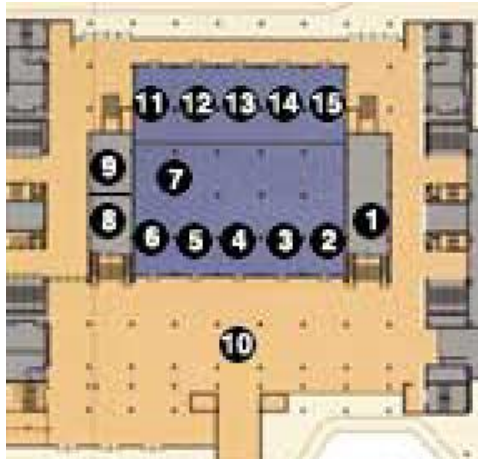
#### **LIFETIME ACHIEVEMENT AWARD**

**Recipient:** Bennie C. Keel

We give Bennie C. Keel the 2012 SAA Lifetime Achievement Award for his lifelong service to the profession. Dr. Bennie C. Keel has shaped cultural resource management in the United States. He oversaw large-scale preservation projects in Southeastern archaeology; he helped found the field of cultural conservation; and he established federal archaeology across several agencies (Bureau of Land Management, Army Corps of Engineers, US Forest Service, Department of Defense). He helped write the Archaeological Resources Protection Act and the Abandoned Shipwreck Act; he helped craft the first national regulations for burials and sacred objects involving federal action or public lands; and he supervised the development of the first National Archaeological Database and Archaeological Sites Management Information System. Bennie C. Keel is also a fine teacher and active scholar. He is devoted, accomplished, and encouraging to his students. His contributions to Southeastern archaeology have made him a leading expert in Cherokee and North Carolina archaeology. Dr. Keel's passion for public archaeology, for the preservation of America's cultural heritage, and for archaeological professionalism is a model for future generations.

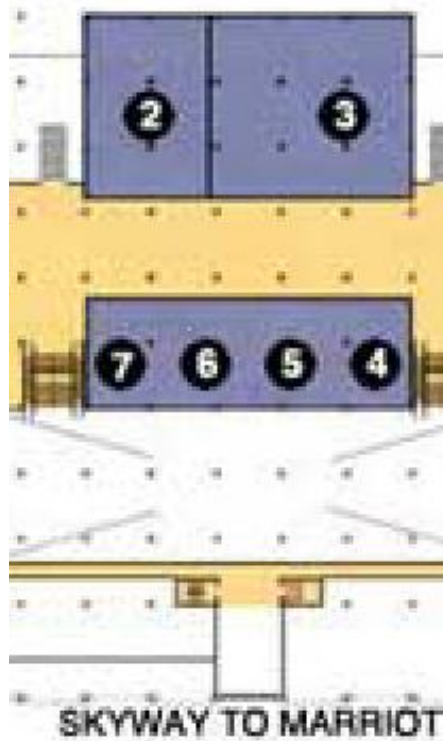


Marriott Memphis Downtown



- |        |                                |          |
|--------|--------------------------------|----------|
| 1. L-1 | 6. L-6                         | 11. L-10 |
| 2. L-2 | 7. L-7                         | 12. L-11 |
| 3. L-3 | 8. L-8 (Staff Office)          | 13. L-12 |
| 4. L-4 | 9. L-9 (Press Office)          | 14. L-13 |
| 5. L-5 | 10. Grand Lobby (Registration) | 15. L-14 |

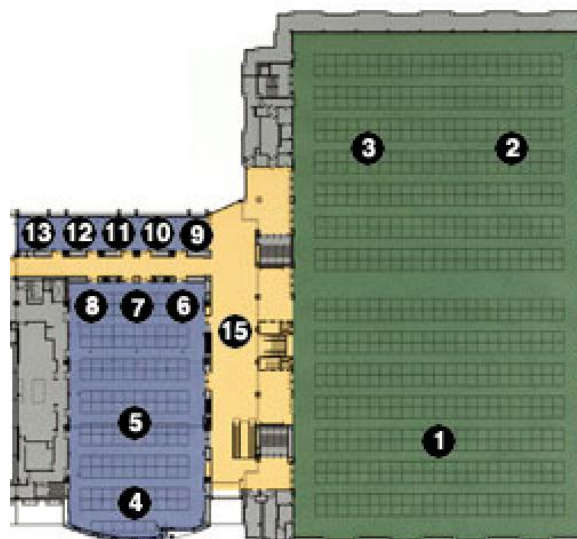
Memphis Cook Convention Center ■ Lobby Level



2. Cotton Row  
3. Steamboat  
4. Chickasaw

5. Mississippi  
6. Sultana  
7. River Bluff

Memphis Cook Convention Center ■ Mezzanine



- |                                |               |
|--------------------------------|---------------|
| 1. East Hall (not used by SAA) | 7. Ballroom D |
| 2. Northwest Hall              | 8. Ballroom E |
| 3. Southwest Hall              | 9. 201        |
| 4. Ballroom A                  | 10. 202       |
| 5. Ballroom B                  | 11. 203       |
| 6. Ballroom C                  | 12. 204       |
|                                | 13. 205       |

Memphis Cook Convention Center ■ Exhibit Hall Level/  
Ballroom Level

**SOCIETY FOR AMERICAN ARCHAEOLOGY  
77TH ANNUAL MEETING**

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Kayleigh Sharp  
IT Assistant, Southern Illinois University,  
Carbondale

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Jorge Montenegro  
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Bureau of Reclamation

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**Chair**

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Rhodes College

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Shelley Adams  
Coordinator, Financial and  
Administrative Services

Lorenzo Cabrera  
Coordinator, Membership and Marketing

## GENERAL INFORMATION

### MEETING ROOM LOCATIONS

As meetings are scheduled at the Marriott Memphis Downtown, and the Memphis Cook Convention Center, the following location designators will be used in conjunction with room names/numbers:

**M=Marriott Memphis Downtown**

**CC=Memphis Cook 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.

On-site, in the prefunction space for the Southwest Exhibit Hall (CC), 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. The Society would like to thank the **Center for Desert Archaeology and Desert Archaeology Inc.** for its sponsorship of the new Abstract Viewing Center. Without their generous support, this would not have been possible.

### 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 (CC) at the Memphis Cook Convention Center.

### CULTURAL RESOURCES MANAGEMENT CAREER EXPO

Co-sponsored by the American Cultural Resources Association (ACRA) and the Consulting Archaeology Committee of the SAA, the CRM Expo will be held from 1:00 pm–4:00 pm in the Grand Lobby (CC) on Saturday, April 21. Representatives from CRM firms will be available to chat informally and individually with Expo attendees about their organizations, career paths available, etc. A full list of Expo exhibitors is located in the program update. You do not need to be

registered for the SAA Annual Meeting to attend the CRM Expo. You may register at meeting registration for the Expo on April 21 from 12 pm–3:30 pm that day at no charge. The Expo registration will only admit you to the Expo and the Exhibit Hall from 1 pm–4 pm on April 21.

### 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. The ESC will be open on Wednesday, 2 pm to 8 pm; Thursday, 8 am to 6 pm; Friday, 8 am to 4:00 pm; Saturday, 8 am to 5:00 pm; and Sunday, 8 am to 11:00 am in Room 201 (CC). 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 19 from 9 am to 5 pm; Friday, April 20 from 9 am to 5 pm; and Saturday, April 21 from 9 am to 5 pm in the Southwest Exhibit Hall (CC) at the Memphis Cook 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 the annual meeting.

#### MESSAGE CENTER

A self-service message center will be located in the prefunction space for the Southwest Exhibit Hall (CC) on Wednesday from 2 to 8 pm, Thursday and Saturday from 7 am to 6 pm, Friday from 7 am to 6:30 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. You are also encouraged to complete a locator card (available in your registration packet and at the Message Center) and leave it with the attendant so that other registrants know where to reach you by telephone during your stay in Memphis.

SAA would like to thank the Commonwealth Cultural Resources Group Inc. (CCRG) for its generous sponsorship of the message center.

#### OFFICE

From Monday, April 16 to Wednesday early morning, April 18, the SAA Staff Office is located at the Marriott Memphis Downtown in the St. Louis Room (M). From Wednesday to Sunday, the SAA Staff Office will be located at the Memphis Cook Convention Center in Room L-8 (CC).

#### OPENING SESSION/PRESIDENT'S FORUM

The opening session/ President's forum co-sponsored by National Geographic and SAA, on Wednesday April 18, will be held in Ballroom A (CC) at the Memphis Cook Convention Center from 6:30 to 8:30 pm.

#### POSTER SESSIONS

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

Poster sessions will be conducted in the Southwest Exhibit Hall (separate door for posters) of the Memphis Cook 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 L-9 (CC) 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 Grand Lobby of the Memphis Cook Convention Center (CC) 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 4:30 pm; and Sunday, 7 to 8 am. Individuals who registered by March 16, 2012 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 318 in the SAA Exhibit Hall (CC) 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 202 (CC). 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 5 pm on Friday and Saturday, and from 7 am to noon 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 to 10 pm at the Marriott in Heritage I-II (M). 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 Archaeology and the Media: A Symbiotic Relationship Co-sponsored by SAA and National Geographic***

**Date:** Wednesday, April 18, 2012

**Time:** 6:30 pm–8:30 pm

**Location:** Ballroom A (CC)

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

**Date:** Thursday, April 19

**Time:** 1:00 pm–3:00 pm

**Location:** L-3 (CC)

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 Southwest Exhibit Hall (CC), 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. This is the tenth year the poster contest has been co-sponsored by SAA's Public Education Committee and the Council of Affiliated Societies.

**MEETING SERVICES: HOURS OF OPERATION**

	Wednesday	Thursday	Friday	Saturday	Sunday
Memphis Hospitality Information Booth	2pm to 8pm <i>Grand Lobby (CC)</i>	7am to 8pm <i>Grand Lobby (CC)</i>	7am to 4pm <i>Grand Lobby (CC)</i>	7am to 4:30pm <i>Grand Lobby (CC)</i>	CLOSED
Abstract Viewing Center (Sponsored by Center for Desert Archaeology and Desert Archaeology Inc.)	2pm to 8pm <i>Pre-function Space Southwest Exhibit Hall (CC)</i>	7am to 10pm <i>Pre-function Space Southwest Exhibit Hall (CC)</i>	7am to 4pm <i>Pre-function Space Southwest Exhibit Hall (CC)</i>	7am to 5pm <i>Pre-function Space Southwest Exhibit Hall (CC)</i>	7am to 11am <i>Pre-function Space Southwest Exhibit Hall (CC)</i>
Registration	2pm to 8pm <i>Grand Lobby (CC)</i>	7am to 8pm <i>Grand Lobby (CC)</i>	7am to 4pm <i>Grand Lobby (CC)</i>	7am to 4:30pm <i>Grand Lobby (CC)</i>	7am to 8am <i>Grand Lobby (CC)</i>
Message Center (Sponsored by Commonwealth Cultural Resources Group, Inc.)	2pm to 8pm <i>Pre-function Space Southwest Exhibit Hall (CC)</i>	7am to 6pm <i>Pre-function Space Southwest Exhibit Hall (CC)</i>	7am to 6:30pm <i>Pre-function Space Southwest Exhibit Hall (CC)</i>	7am to 6pm <i>Pre-function Space Southwest Exhibit Hall (CC)</i>	7am to 11:45am <i>Pre-function Space Southwest Exhibit Hall (CC)</i>
Employment Service Center	2pm to 8pm <i>Room 201 (CC)</i>	8am to 6pm <i>Room 201 (CC)</i>	8am to 4pm <i>Room 201 (CC)</i>	8am to 5pm <i>Room 201 (CC)</i>	8am to 11am <i>Room 201 (CC)</i>
Speaker Ready Room	2pm to 8pm <i>Room 202 (CC)</i>	7am to 9pm <i>Room 202 (CC)</i>	7am to 5pm <i>Room 202 (CC)</i>	7am to 5pm <i>Room 202 (CC)</i>	7am to noon <i>Room 202 (CC)</i>
Press Office	9am to 5pm <i>Room L-9 (CC)</i>	9am to 5pm <i>Room L-9 (CC)</i>	9am to 5pm <i>Room L-9 (CC)</i>	9am to 5pm <i>Room L-9 (CC)</i>	9am to noon <i>Room L-9 (CC)</i>
Exhibits		9 am to 5pm <i>Southwest Exhibit Hall (CC)</i>	9am to 5pm <i>Southwest Exhibit Hall (CC)</i>	9am to 5pm <i>Southwest Exhibit Hall (CC)</i>	

### Summary Schedule

#### Monday, April 16

8:30 am–5:00 pm

*Beale (M)*

USDA Forest Service Heritage Leadership Meeting  
(by invitation)

10:00 am–5:30 pm

*Heritage I (M)*

US Air Force CRM Workshop  
(by invitation)

7:00 am–6:00 pm

*Heritage II/III (M)*

Paleoanthropology Society Annual Meeting  
(separate registration required)

7:30 am–5:00 pm

*Heritage I (M)*

US Air Force CRM Workshop (cont.)  
(by invitation)

8:00 am–12:00 pm

*Beale (M)*

USDA Forest Service Heritage Leadership Meeting (cont.)

#### Tuesday, April 17

7:00 am–6:00 pm

*Heritage II/III (M)*

Paleoanthropology Society Annual Meeting  
(separate registration required)

7:30 am–5:00 pm

*Heritage I (M)*

US Air Force CRM Workshop (cont.)  
(by invitation)

8:00 am–5:15 pm

*Knoxville (M)*

SAA Board of Directors Meeting

8:00 am–5:30 pm

*Nashville (M)*

Association of Transportation Archaeologists Annual Meeting (cont.)

8:00 am–5:30 pm

*Beale (M)*

USDA Forest Service Heritage Leadership Meeting (cont.)  
(by invitation)

8:30 am–5:00 pm

*Memphis (M)*

Project Archaeology Coordinators and Friends Meeting

8:00 am–5:30 pm

*Nashville (M)*

Association of Transportation Archaeologists Annual Meeting

8:30 am–4:30 pm

*Natchez (M)*

Workshop Site/Structure 3D Scanning Workshop and Related Positioning Technologies

8:00 am–5:00 pm

*Oxford (M)*

NPS Archaeologists Meeting  
(by invitation)

9:00 am–5:00 pm

*Jackson (M)*

Workshop ACUA Submerged Cultural Resources Workshop

3:00 pm–6:00 pm

*Heritage IV (M)*

Paleoanthropology Society Annual Meeting Poster Session  
(separate registration required)

9:00 am–5:00 pm

*Oxford (M)*

NPS Archaeologists Meeting (cont.)  
(by invitation)

5:30 pm–9:00 pm

SAA Executive Committee Meeting

9:00 am–5:00 pm

*L-9 (CC)*

Press Office

#### Wednesday, April 18

2:00 pm–8:00 pm

**Grand Lobby (CC)**

**Meeting Registration**

7:00 am–8:00 am

*Knoxville (M)*

SAA Board of Directors—New Board Member Orientation

12:30 pm–4:30 pm

*Board Room (M)*

RPA Board Meeting

1:00 pm–4:00 pm

*Chattanooga (M)*

Workshop Using tDAR to Improve Your Professional Productivity

1:00 pm–5:00 pm <i>Heritage IV (M)</i> National Association of State Archaeologists Annual Meeting	9:00 am–5:00 pm <i>Southwest Exhibit Hall (CC)</i> Exhibit Hall
2:00 pm–8:00 pm 201 (CC) Employment Service Center	9:00 am–5:00 pm <i>Room L-9 (CC)</i> Press Office
6:30 pm–8:30 pm <i>Ballroom A (CC)</i> <i>Opening Session/President's Forum</i>	12:00 pm–1:00 pm <i>Heritage IV (M)</i> Fiber Perishables Interest Group Meeting
9:00 pm–10:00 pm <i>Heritage I-II (M)</i> Student/New Member/Committee Reception	12:00 pm–1:00 pm <i>Heritage III (M)</i> Rock Art Interest Group Meeting
<b>Thursday, April 19</b>	12:00 pm–1:00 pm <i>Heritage II (M)</i> Resumé/CV Review (register in advance; no fee)
<b>7:00 am–8:00 pm</b> <b>Grand Lobby (CC)</b> <b>Meeting Registration</b>	1:00 pm–3:00 pm <i>Room L-3 (CC)</i> Ethics Bowl
7:00 am–8:00 am <i>President's Suite</i> Past President's Advisory Board Breakfast Reception (by invitation)	1:00 pm–5:00 pm CC Symposia
7:30 am–12:00 pm <i>Memphis (M)</i> Preliminary Rounds of the Ethics Bowl (Room 1)	2:30 pm–3:30 pm <i>President's Suite</i> Fundraising Committee Meeting
7:30 am–12:00 pm <i>Beale (M)</i> Preliminary Rounds of the Ethics Bowl (Room 2)	3:00 pm–4:00 pm <i>Chattanooga (M)</i> Meeting of <i>Latin American Antiquity</i> Advisory Committee
8:00 am–10:00 am <i>Heritage IV (M)</i> Council of Councils Meeting	4:00 pm–6:00 pm <i>Jackson (M)</i> Council of Affiliated Societies Annual Business Meeting
8:00 am–12:00 pm CC Symposia	4:00 pm–6:00 pm <i>Heritage I-II (M)</i> Committee on Curriculum Meeting
8:00 am–6:00 pm 201 (CC) Employment Service Center	4:00 pm–6:00 pm <i>Heritage I-II (M)</i> Committee on Ethics Meeting
8:30 am–12:00 pm <i>Natchez (M)</i> <i>Workshop 3D Object Imaging Workshop</i>	4:00 pm–6:00 pm <i>Heritage I-II (M)</i> Investment and Finance Committee Meeting
8:30 am–3:00 pm <i>Nashville (M)</i> <i>Workshop Project Archaeology Workshop</i> for Instructors	4:00 pm–6:00 pm <i>Room L-9 (CC)</i> Media Relations Committee Meeting

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Minority Scholarships Committee

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Committee on Museums, Collections and  
Curation Meeting

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Native American Relations Committee  
Meeting

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Native American Scholarships Committee  
Meeting

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Public Education Committee Meeting

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Task Force on Professional Development  
Meeting

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Committee on the Status of Women in  
Archaeology (COSWA) Meeting

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Student Affairs Committee Meeting

4:00 pm–6:00 pm  
*Heritage I-II (M)*  
Student Paper Award Committee Meeting

5:00 pm–6:30 pm  
*Oxford (M)*  
Society for Archaeological Sciences  
Business Meeting

5:00 pm–6:30 pm  
*Nashville (M)*  
RPA Awards Ceremony

5:30 pm–7:00 pm  
*Heritage IV (M)*  
Women's Networking Reception  
(WAIG/COSWA)

6:00 pm–7:00 pm  
*Knoxville (M)*  
Prehistoric Quarry and Early Mines Interest  
Group Meeting

6:30 pm–7:30 pm  
*Heritage II (M)*  
Geoarchaeology Interest Group Meeting

6:00 pm–10:00 pm  
CC  
Symposia

7:00 pm–7:30 pm  
*Heritage IV (M)*  
Women in Archaeology Interest Group  
Business Meeting

### Friday, April 20

**7:00 am–4:00 pm**  
**Grand Lobby (CC)**  
**Meeting Registration**

8:00 am–9:00 am  
*Memphis (M)*  
History of Archaeology Interest Group  
Meeting

8:00 am–10:00 am  
*Heritage III (M)*  
Publications Committee Meeting

8:00 am–12:00 pm  
*Board Room (M)*  
Archaeology Division of AAA Board  
Meeting (by invitation)

8:00 am–12:00 pm  
CC  
Symposia

8:00 am–4:00 pm  
*Room 201 (CC)*  
Employment Service Center

8:00 am–12:00 pm  
*Heritage I (M)*  
*Workshop* Using Declassified CORONA  
Satellite Imagery in Archaeological  
Investigations

9:00 am–11:00 am  
*Jackson (M)*  
Committee on the Americas Meeting

9:00 am–5:00 pm  
*Southwest Exhibit Hall (CC)*  
Exhibit Hall

9:00 am–5:00pm  
*Room L-9 (CC)*  
Press Office

11:00 am–12:00 pm  
*Nashville (M)*  
MARS Interest Group Exploratory Meeting

12:00 pm–1:00 pm <i>Heritage IV (M)</i> Digital Data Interest Group Meeting	9:00 am–12:00 pm <i>Heritage III (M)</i> ArchaeologyLand!
12:00 pm–1:00 pm <i>Heritage III (M)</i> Heritage Values Interest Group Meeting	9:00 am–5:00 pm <i>Room L-9 (CC)</i> Press Office
1:00 pm–3:00 pm <i>Jackson (M)</i> PEC State Network Coordinators Meeting	9:00 am–5:00 pm <i>Southwest Exhibit Hall (CC)</i> Exhibit Hall
1:00 pm–3:00 pm <i>Chattanooga (M)</i> Repatriation Committee Meeting	1:00 pm–5:00 pm <i>CC</i> Symposia
1:00 pm–5:00 pm <i>Symposia (CC)</i>	1:00 pm–4:00 pm <i>Grand Lobby (CC)</i> CRM EXPO (co-sponsored by ACRA and SAA)
3:00 pm–4:00 pm <i>Heritage II (M)</i> Forensic Archaeology Recovery Annual Meeting	1:00 pm–4:00 pm <i>Chattanooga (M)</i> Workshop Using tDAR to Improve Your Professional Productivity
5:00 pm–6:30 pm <i>Ballroom A (CC)</i> Awards Presentation and Annual Business Meeting	3:00 pm–4:00 pm <i>Natchez (M)</i> Forensic Archaeology Interest Group Exploratory Meeting
6:30 pm–8:00 pm <i>Nashville (M)</i> Society of Africanist Archaeology Reception	3:00 pm–4:00 pm <i>Oxford (M)</i> IAOS Annual Meeting
6:45 pm–8:45 pm <i>Heritage IV (M)</i> Native American Welcome Reception	5:00 pm–6:30 pm <i>Heritage I (M)</i> Get-together for Archaeologists of East and Southeast Asia
<b>Saturday, April 21</b> <b>7:00 am–4:30 pm</b> <b><i>Grand Lobby (CC)</i></b> <b>Meeting Registration</b>	6:00 pm–7:00 pm <i>Heritage II (M)</i> Public Archaeology Interest Group
7:00am–8:00 am <i>Heritage I-II (M)</i> Committee Chair/Interest Group Organizer Breakfast with the Board (by invitation)	<b>Sunday, April 22</b> <b>7:00 am–8:00 am</b> <b><i>Grand Lobby (CC)</i></b> <b>Meeting Registration</b>
8:00 am–12:00 pm <i>CC</i> Symposia	8:00 am–12:00 pm <i>CC</i> Symposia
8:00 am–4:00 pm <i>Room 201 (CC)</i> Employment Service Center	8:00 am–11:00 am <i>Room 201 (CC)</i> Employment Service Center
8:15 am–4:45 pm <i>Jackson (M)</i> SAA Board of Directors Meeting	9:00 am–12:00 pm <i>Room L-9 (CC)</i> Press Office
9:00 am–11:00 am <i>Natchez (M)</i> Workshop Don't Run and Hide, Meet the Press head On	

## 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 78<sup>th</sup> Annual Meeting in 2013!

Plan now to attend the SAA 78th Annual Meeting in Honolulu, HI April 3–7, 2013. Guidelines for contributors (Call for Submissions) who wish to submit papers, posters, or forums for consideration are posted on SAAweb ( [www.saa.org](http://www.saa.org) ). The Online Submissions System for Honolulu will open on May 3, 2012.



**Special thanks go to these  
generous sponsors for their  
support of SAA's 77<sup>th</sup> Annual  
Meeting:**

*Abstract Viewing Center*  
**Archaeology Southwest and  
Desert Archaeology, Inc.**

*Message Center*  
**Commonwealth Cultural  
Resources Group, Inc.  
Coastal Carolina Research**

## **Student Events**

For and by students

### **Welcome Reception ☀ Wednesday, April 18**

Location: Heritage I-II in the Marriott

All students, new members and first time attendees are invited.

Registration needed. No additional fee.

### **Ethics Bowl ☀ Thursday, April 19**

Students debate hypothetical ethical cases. Open Attendance!

Rounds Begin: 7:30 AM–12:00

Location: Memphis Room 1 in the Marriott

Final Round: 1:00 PM–3:00 PM

Location: Room L-3 in the Convention Center

### **Bring Your Resume/CV ☀ Thursday, April 19**

Location: Heritage II in the Marriott

Advance registration required. Have professionals review and help tailor your resume. 12:00 PM–1:00 PM

### **Student Forum ☀ Thursday, April 19**

Location: Chickasaw Room in the Convention Center, 8:00–10:00 am

Research in the Field: What To Do and What Not To Do In Running an Archaeology Project. Open to all! Running your own field project can be an exciting but perilous process. Knowing how to run a proper research project—from gaining the required permissions to obtaining the necessary funding and hiring a good crew—is critical to any successful career. A well-run project facilitates acquisition of reliable data and interpretations, which can make or break your research. In this interactive forum, new and seasoned professionals and students share their experiences on being a PI. Bring your questions!

### **STUDENT PAPER AWARD ☀ Friday, April 20**

Late Woodland Landscapes in the Eastern Upper Peninsula of Michigan

By Sean Dunham

Location: River Bluff Room in Convention Center

Time: 8:45 am (General Session#124)

**Come celebrate these, and other SAA awards at the  
Awards Presentation & Annual Business Meeting  
Friday April 20, 5:00–6:30 pm, in Ballroom A!**

Sessions at Glance: Wednesday Evening, April 18 and Thursday Morning, April 19					
Wed. April 18	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM
Ballroom A	1 President's forum: Archaeology And The Media				
Thurs April 19	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM
L-12	2 General Session: Research on Late		30 Symposium: The Southern Mesoamerican Highlands And		
L-14	3 Forum: Capacity Building for Archaeology in the 21 <sup>st</sup> Century		34 Symposium: Fort Rosalie		
Cotton Row	4 Symposium: David H. Kelley and his Contributions to Mesoam		41 Symposium: Submerged Cave		
SW Exhibit Hall	5-9 Poster Sessions		35-39 Poster Sessions		
Chickasaw	10 Forum: Research in the Field: What to Do and What Not to Do				
River Bluff	11 Symposium The Aurignacian in the classic region:		32 Symposium: Collective Burials, Collective		
205	12 Forum: The Impact of Special Purpose Institutions on the		40 General Session: Iroquoian		
L-10	13 Symposium: The Roots of Creole New Orleans: Gardens and		33 Symposium: The San Antonio River: Shaping		
L-4	14 Symposium: Forensic Archaeology: recent cases, current research		42 Symposium: Cultural		
L-11	15 Symposium: Recent Investigations of the Pacbitun Regional Archaeological		43 General Session: Plains		
L-7	16 Symposium: Resources, Networks, Landscapes, and Family: Recent				
Ballroom E	17 Symposium: Critical Thinking in Archaeology: Papers in Memory of Dee Ann Story				
203	18 General Session: Historical Archaeology of Western North America				
Ballroom D	19 Symposium: Political Strategies in Pre-Columbian Mesoamerica				
Steamboat	20 Symposium: Stones, Bones, and Profiles I: Celebrating the Contributions of George C.				
L-13	21 Symposium: Coordinate Approaches to Migrations in Epiclassic and Postclassic Mesoamerica				
Sultana	22 General Session: Research in the Yucatan Peninsula				
Ballroom B	23 Symposium: Art Makes Society				
Ballroom C	24 Symposium: Public Archaeology in the 21st Century				
L-2	25 Symposium: Transformations During the Colonial Era: Divergent Histories in the American Southwest				
L-5	26 Symposium: Ritual Practice in the Andes				
204	27 General Session: Arctic and Subarctic Archaeology				
L-3	28 Symposium: Reflecting on the Role of Women in Archaeology				
Mississippi	29 General Session: Bioarchaeological Analyses in South America				
L-6	31 Symposium: Tribal Historic Preservation Offices': Issues				

Sessions at a Glance: Thursday Afternoon				
Thursday April 19	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Sultana	44 General Session: Papers on		72 Forum: Bioarchaeology in Cultural Resource Manageme	
L-4	45 General Session: Studies Spanning		75 Symposium: Zooarchaeology of Coastal	
Mississippi	46 Symposium: From Source to Center: Raw		74 Forum: Reflections from the Glittering Sea:	
L-10	47 Symposium: Color in the American Southwest, AD 1150-1600		76 Symposium: Recent Investigations at the	
L-13	48 Forum: Developing Standards for Ethical Management		80 Gener	
L-3	49 The Ethics Bowl			
Ballroom E	50 Symposium: Mississippian in Mississippi: Chiefly Power and		78 General Session: Oneota and other	
Cotton Row	51 Symposium: What Role Did Changing Temperatures Play			
L-2	52 Symposium: Beyond the Imperial Fringe		77 General Session: Andea	
L-14	53 Symposium: The Archaeology and Legacy of the 1862 Homestead Act		79 General Sessio	
Ballroom D	54 Symposium: Insights from Small State Dynamics and Settlement Patterns			
Steamboat	55 Symposium: Stones, Bones, and Profiles II: Celebrating the Contributions of George C. Frison and			
L-7	56 Symposium: Answering Pseudoarchaeology: Proactive dialogue and research in response to extraordinary			
L-5	57 Symposium: The "Networked Feast			
L-6	58 Symposium: Interdiscipline for the Past: Archaeometrical Studies in Mesoamerica			
Ballroom C	59 Symposium: Unique Mortuary Rites: Interpretative Challenges and Opportunities for Non-modal Funerary			
Chickasaw	60 Symposium: Bioarchaeology of Asia			
L-12	61 Symposium: Current Trends in Belizean Archaeology			
River Bluff	62 General Session: Mexican Archaeology			
204	63 General Session: Near East and Europe, Epipaleolithic through Chalcolithic			
203	64 General Session: Papers on Archaeological Methods			
205	65 General Session: Contributions in Public Education and Outreach			
L-11	66 Symposium : An Inconstant Landscape: Archaeological Investigations at El Zotz, Guatemala			
SW Exhibit Hall	67-71 Poster Sessions			
Ballroom B	73 Symposium ■ Paths to Power: Strategies of Highland Mesoamerica's			

Sessions at a Glance: Thursday Evening				
Thursday April 19	6:00 PM	7:00 PM	8:00 PM	9:00 PM
L-2	81 Forum: Digital Data Standards and "Best Practices" Needed for			
Chickasaw	82 Forum: Recent Researches on the Archaeology of South India			
SW Exhibit Hall	83-85 Poster Sessions			
Cotton Row	86 Symposium: The Archaeology of Sustainability			
Sultana	87 General Session: Archaeology in Guatemala, Honduras, and southern Mexico			
River Bluff	88 General Session: Archaeology of Ancestral Puebloans and Paquime			
L-4	89 Symposium: Complex projectile technology: new insights from ethnoarchaeology,			
Mississippi	90 Symposium: Dig It! Intersections between excavation methods and recording systems			
Ballroom D	91 Symposium: Historical Ecology, Landscape Capital, and "Senses of Place"			
L-6	92 Symposium: Living on the Edge: Local Entanglements in Global Perspective(s)			
L-10	93 Symposium: Excavations at Schöningen and new insights into Middle Pleistocene adaptations in northern			
L-11	94 Symposium: Commingled and Disarticulated Human Remains: Working Towards Improved Theory, Method and Data			
L-12	95 Symposium: Identifying Traces of Cultural Contact, Influence, and Exchange in the Archaeological Record			
L-5	96 Symposium: Paleoecology and Taphonomy of Faunal Landscapes			
Steamboat	97 Symposium: Ceremonial Spheres of the Eastern Woodlands			
Ballroom B	98 Symposium: Mesoamerican Tarascans, Their Forbearers and Neighbors: Essays in Honor of Helen Pollard			
205	99 General Session: Papers about Heritage and Management of Cultural Property			
Ballroom E	100 General Session: Papers on Paleoindian Archaeology			
Ballroom C	101 Symposium: Rock Art: Methodology and Interpretation in the Archaeology of the Site			
L-3	102 Symposium: Scribes & Commoners, War & Peace: Forty Years of Mesoamerican Archaeology at Penn State			
L-13	103 Symposium: Socio-natural systems in pastoral and agro-pastoral societies: Archaeological investigations of pastoral landscape			
L-14	104 Symposium: Wari in Moquegua-Imperial Processes and Multi-ethnic Interactions			
L-7	105 Symposium: Women in the Past: Biocultural signatures of contributions to and sacrifices for society			

Sessions at a Glance: Friday Morning					
Friday April 20	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM
205	106 General Session: Social		134 General Session: Near Eastern Bronze and Iron Ages		
L-4	107 Symposium Excavations At 40mi70, A		136 Symposium: The Material Culture of a Multiethnic		
Sultana	108 Electronic Symposium: Monumental Architecture in		137 General Session: Postclassic-Colonial IV		
SW Exhibit Hall	109-114 Poster Sessions		Poster Sessions 138-141		
L-2	115 Symposium: Indiana Jones Must Die: Collecting and Looting in		142 General Session: Archaeology		
L-10	116 Symposium: Mortuary Practices in the American Southwest		143 Symposium: Stone Street		
L-7	117 Symposium: The Emergence of Modern Humans: New Evidence				
Ballroom E	118 Symposium: Witchcraft and Sorcery in Ancient and Contem				
L-14	119 Symposium: Recent Trends in Albanian Archaeology: A Decade in		144 General Session		
Ballroom D	120 Symposium : Behavioral Archaeology: Assessing the Impact of Michael Brian Sch				
Steamboat	121 Symposium: Psychoactive Substances in Ancient Societies				
203	122 Symposium: Recent Research in the Isthmo-Columbian Area				
L-3	123 Symposium: Social Complexity and the Bow in Prehistoric North America				
River Bluff	124 General Session: Archaic and Woodland in Eastern North America				
L-5	125 Symposium: Moving Forward Together: Thoughts on the Futures for Archaeology and Indigenou				
L-11	126 Symposium : Site Specific Perspectives on the Trans-Holocene Record in California				
Mississippi	127 Symposium : Chert Sourcing; Techniques, Methods, and Applications				
L-12	128 Symposium: Bruce H. Dahlin Memorial Session Part 1: Ancient Maya Economies				
Ballroom C	129 Symposium: Virtual Archaeology: The Creation, Dissemination, and use of Virtualized Artifacts, Sites, Assemb				
Chickasaw	130 Symposium: Centering the Margins: Sociopolitical Developments in the Ancient South Caucasus and its Contribution				
Cotton Row	131 Symposium: Maya Hinterland Complexity: The View from Northwestern Belize				
Ballroom B	132 Symposium: Processual Archaeology Beyond Binford: Current and Future Directions				
L-6		133 Symposium: The Interdisciplinary Archaeology of Two Virginia Plantations			
L-13		135 Symposium: Paleolithic Ecodynamics in Southern Iberia			

Sessions at a Glance: Friday Afternoon					
Friday April 20	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM
205	145 General Sessio		173 General Session: Geoarchaeology and Geophysics		
L-5	146 General Session: Archaeological Theory		174 Symposium: In Honor of William M. Gardner:		
Mississippi	147 Forum: Archaeology and Descendant Comm				
Chickasaw	148 Electronic Symposium: Archaeology and the		175 General Session: Env		
L-10	149 Forum: The Future of Archaeological Publishing				
L-4	150 Symposium: Archaeology, Ethnohistory and Ethnoarchaeology				
Ballroom B	151 Symposium: Routes and Rulers: Shifting Networks of				
Ballroom E	152 Symposium: Virginia Fields, Museums, Scholarship, and her				
L-11	153 Symposium: A World of Obsidian: Sourcing, Dating and Beyond				
Ballroom D	154 Symposium: Behavioral Archaeology: Assessing the Impact of				
L-14	155 General Session: Europe after the Neolithic				
L-6	156 Symposium: Between Pachacamac and Pariacaca				
Ballroom C	157 Symposium: Beyond Domestication: The Archaeology of the Human/Dog Rel				
Cotton Row	158 Symposium: Early Man in South America: New paradigms in Late Pleistocene				
Sultana	159 Symposium: Raw Material Perspectives on Technological Choice and Change				
L-7	160 Symposium: Recent Developments in Cultural Transmission Theory and its				
203	161 General Session: Research in Great Basin Archaeology				
L-2	162 Symposium : Prehistory and History of Interaction in the Carolinas				
River Bluff	163 Symposium: Recent Progress of Archaeology of Economy and Social Changes of Early China				
L-3	164 Symposium: New Methods, New Questions and New Data from Old				
L-13	165 Symposium: New Perspectives on Bahamas Archaeology: the Lucayans and Their World				
Steamboat	166 Symposium: Beyond Eating: Food, Drink and Meaning in the New World				
L-12	167 Symposium: Bruce H. Dahlin Memorial Session Part 2: Adaptations and Maladaptations to Environmental C				
204		168 General Session: Bioar		176 General Session: Bioarc	
SW Exhibit Hall		169-172 Poster Sessions			
Ballroom A					Annual Business Meeting

Sessions at a Glance: Saturday Morning					
Saturday April 21	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM
204	177 General Session: Archaeology in Oceania		207 General Session: Archaeology in the Interior and Coast		
Mississippi	178 General Session: Architecture, Built Environm	204 Symposium: Inlands to Islands: Social Networks and the			
L-4	179 Symposium: Exploring Mesoamerica's Subter		208 Symposium: Exploring Mesoamerica's subterranean Realm		
L-3	180 General Session: Pre-clovis and the Peopling		206 General Session: Archaeology of States and Civilizat		
L-13	181 General Session: Archaeology in Oaxaca		210 Symposium: La Ceramica Arqueologica en los		
Chickasaw	182 Symposium: Landscape Archaeology in Southeast Asia		209 Electronic Symposium: Lessons from the Trenches		
River Bluff	183 General Session: Archaeology of the Southwest		218 General Session: Studies		
SW Exhibit Hall	184-187 Poster Sessions		Poster Sessions: 211-216		
Sultana	188 Symposium: Latina/o Archaeology		220 General Sessio		
L-12	189 Symposium: Precolumbian Ceramic Art in the St. Francis Basin: Approaches		219 General Sessio		
Cotton Row	190 Symposium: Leaving Lewis Henry Morgan: New Studies of Societal Variation and Chang		217 Symposium: Political-Eco		
L-6	191 General Session: Archaeology in the Maya Region				
L-2	192 Symposium: Communities, Corridors, and Connections: Modeling Material Culture Markers of		221 Symposium: More		
L-14	193 Symposium: Recent Research in the Pre-Colonial Greater Antilles				
L-5	194 Symposium: Beyond the Archaeological Analysis: Exploring the Legacy and Relevance of Rock Art				
Ballroom B	195 Symposium: Dressing Up: Power, Dress, Gender, and Representation in the Pre-Columbian Americas				
Ballroom D	196 General Session: Mississippi Archaeology				
Ballroom E	197 Symposium: Biennial Gordon R. Willey Symposium on the History of Archaeology: New Deal Archaeology in the				
Steamboat	198 Symposium: Chaco and Cahokia: Histories, Landscapes, and Hinterlands				
L-7	199 Symposium: Theories of Entanglements: Movement, Agents, and Worlds-in-Transformation				
L-10	200 Symposium: Frogs Crossing the Pond: New Frontiers in Regional Archaeology				
Ballroom C	201 Symposium: Honoring Dean E. Arnold on his Supposed "Retirement"				
203	202 General Session: Eurasian Paleolithic and Mesolithic				
205	203 General Session: Research on the Maya in Belize				
L-11	205 Symposium: Places, Objects, Bodies, Art: Material Constructions of Antiquity				



Sessions at a Glance: Saturday Afternoon				
Saturday April 21	1:00 PM	2:00 PM	3:00 PM	4:00 PM
L-4	222 General Session: Archaeology		252 Symposium: The Carden Bottoms Project:	
L-6	223 Symposium: Steed-Kisker			
Chickasaw	224 Symposium: New Perspectives on Bahamian Arc		253 Forum: Archaeology at a Distance:	
Steamboat	225 Symposium: Emerging Patterns in the Americas in the Archaeolog			
205	226 Electronic Symposium: Kite Aerial Photography 1912-2012:		254 General Session: Papers o	
Sultana	227 Symposium: Proyecto Costa Escondida: Recent Interdisciplinary			
L-11	228 Symposium: Neolithic Stereotypes: Has southwest Asian Archaeology Outli			
L-5	229 Symposium: Holy Houses			
Ballroom D	230 Symposium: Memory Sits in Places: Memory, Space, and Power			
Ballroom B	231 Symposium: Early lithic technologies in South America: beyond regional projectile point typologies			
L-12	232 General Session: Late Prehistoric and Contact Period in Eastern North America			
L-14	233 Symposium: Households and Autonomy in Pre-Hispanic times			
L-2	234 Symposium: Worldwide Large-Scale Trapping and Hunting of Ungulates in Past Societies			
River Bluff	235 Symposium: Contemporary Research in Ecuadorian Archaeology			
Ballroom E	236 Symposium: Four Decades of Belize Archaeology: Honoring the Work of Norman Hammond			
L-7	237 Symposium: Power at the Limits of Authority in Pre-Modern Polities			
Cotton Row	238 Symposium: 2012 Fryxell Symposium: Papers in Honor of Christine A. Hastorf			
L-3	239 Symposium: A View from Upstream: Current Research and Perspectives on the Late Prehistoric Period in the Mid- to Lower Ohio River			
Mississippi	240 General Session: Historical Archaeology of Eastern North America			
Ballroom C	241 Symposium: Archaeology as Science: A Memorial View of Dunnell's Vision			
L-13	242 Symposium: Mesoamerican Ceramics [Session in Honor of Justin and Barbara Kerr]			
SW Exhibit Hall	243-250 Poster Sessions			
L-10	251 Symposium: "No (Hu)man is an Island": Relational Ontologies in the			

Sessions at a Glance: Sunday Morning					
Sunday April 22	8:00 AM	9:00 AM	10:00 AM	11:00 AM	
205	255 General Session: Rock Art Research		278 General Session: Research in		
203	256 General Session: East and Southeast		277 General Session: Archaeology of		
L-2	257 Forum: Using the Digital Archaeological Record				
L-5	258 Electronic Symposium ■ What Archaeology needs from		276 General Session: Caribbean Archaeology		
L-14	259 Symposium: Archaeology in the Heart of the American		280 Symposium: Battlefield		
Ballroom D	260 Symposium: Networking the Past: Applications of				
L-10	261 Symposium: The four sides of a uniface		279 General Sessio		
Sultana	262 Symposium: Is empiricism the opposite of theory?				
River Bluff	263 Symposium: North Atlantic Island Ecodynamics: A Global Human				
L-6	264 Symposium: Archaeology in the Nile Delta: Past, Present, and Future at Tell				
L-11	265 Symposium: Everywhere and nowhere: Taking the pulse of Marxist Archaeology				
Cotton Row	266 Symposium: Pushing the Cognitive and Iconographic Envelope of the Mississippian				
L-4	267 Symposium: The Materiality of Everyday Life				
Ballroom B	268 Symposium: Recent Advances in Paleoindian Research of the Northeast and Maritimes				
Ballroom E	269 Symposium: Cosmology, Calendars, and Horizon-based Astronomy in Ancient Mesoamerica:				
Mississippi	270 Symposium: Petrography's Continued Role in Ceramic Studies: New Advances and Debates				
Ballroom C	271 Symposium: Koster at the crossroads: Archaic Period lifeways as depicted by new				
L-7	272 Symposium: Socionatural Systems in the Northern U.S. Southwest: A				
L-3	273 Symposium: Arid Zone Intensification				
Chickasaw	274 Symposium: Geoarchaeology of Ritual Behavior and				
L-12	275 Symposium: What's Up, Chak? New Research at				

## Program

### Wednesday ■ April 18, 2012

- [1A] **Workshop ■ SITE/STRUCTURE 3D SCANNING WORKSHOP AND RELATED POSITIONING TECHNOLOGIES**  
**Room:** Natchez (M)  
**Time:** 8:30 AM–4:30 PM
- [1B] **Workshop ■ ACUA SUBMERGED CULTURAL RESOURCES WORKSHOP**  
**Room:** Jackson (M)  
**Time:** 9:00 AM–5:00 PM
- [1C] **Workshop ■ USING tDAR TO IMPROVE YOUR PROFESSIONAL PRODUCTIVITY**  
**Room:** Chattanooga (M)  
**Time:** 1:00–4:00 PM
- [1] **OPENING SESSION AND PRESIDENT’S FORUM ■ ARCHAEOLOGY AND THE MEDIA: A SYMBIOTIC RELATIONSHIP**  
*(Co-Sponsored by SAA and the National Geographic Society)*  
**Room:** Ballroom A (CC)  
**Time:** 6:30–8:30 PM  
**Organizers:** W Fredrick Limp, Mark Bauman, and Melinda Zeder  
**Moderator:** Melinda Zeder

**Participants:**

Mark Bauman—Discussant  
Hannah Bloch—Discussant  
Michael Balter—Discussant  
Brian Vastag—Discussant  
Claudia Valentino—Discussant  
Chip Colwell-Chanthaphonh—Discussant  
Kirk French—Discussant  
Jason de Leon—Discussant

### Thursday Morning ■ April 19, 2012

- [2A] **Workshop ■ 3D OBJECT IMAGING WORKSHOP**  
**Room:** Natchez (M)  
**Time:** 8:30 AM–12:00 PM
- [2B] **Workshop ■ PROJECT ARCHAEOLOGY WORKSHOP FOR INSTRUCTORS**  
**Room:** Nashville (M)  
**Time:** 8:00 AM–3:00 PM

**[2] GENERAL SESSION ■ RESEARCH ON LATE ARCHAIC AND POVERTY POINT PERIODS****Room:** L-12 (CC)**Time:** 8:00 AM–9:15 AM**Chair:** Anthony Ortmann**Participants:**

- 8:00 Anthony Ortmann and Lee Arco—Recent Excavations on Poverty Point's Mound C
- 8:15 Marvin D. Jeter, Katherine R. Mickelson and Lee J. Arco—A Terminal Poverty Point Period Mound in Southeast Arkansas
- 8:30 Michael Loughlin, Nicolas Laracuenta and David Pollack—Terminal Archaic Rituals at the Pierce Site, Kentucky
- 8:45 Matthew Napolitano and Matthew Sanger—Reevaluating the development of fiber-tempered ceramics in southeastern North America
- 9:00 Christine Keller—Glacial Kame Sandal Sole Shell Gorgets

**[3] FORUM ■ CAPACITY-BUILDING FOR ARCHAEOLOGY IN THE 21ST CENTURY: HOW WILL PEOPLE MANAGE THE INFORMATION EXPLOSION?***(Sponsored by Digital Data Interest Group)***Room:** L-14 (CC) (CC)**Time:** 8:00 AM–10:00 AM**Organizer:** Sarah Kansa**Chairs:** David Anderson and Joshua Wells**Moderator:** Eric Kansa**Participants:**

- Keith Kintigh—Discussant
- Sarah Kansa—Discussant
- Emily Jones—Discussant
- Paul Backhouse—Discussant
- Christopher Parr—Discussant
- Darrin Pratt—Discussant
- Ethan Watrall—Discussant
- Joshua Wells—Discussant
- Stephen Yerka—Discussant
- Giovanna Peebles—Discussant

**[4] SYMPOSIUM ■ DAVID H. KELLEY AND HIS CONTRIBUTIONS TO MESOAMERICAN ARCHAEOLOGY****Room:** Cottow Row (CC)**Time:** 8:00 AM–10:00 AM**Organizer:** Kathryn Reese-Taylor**Chair:** Marc Zender**Participants:**

- 8:00 Geoffrey McCafferty, Sharisse McCafferty and David H. Kelley—Xochicalco and the Epiclassic Writing Systems: Dave Kelley has the Final Word
- 8:15 Danny Zborover—Kingdoms on Cloth: David Kelley and the Lienzos of Oaxaca
- 8:30 Richard Callaghan—Being Dave Kelley's Graduate Student
- 8:45 Nick Hopkins and Karen Bassie—Birds of a Feather
- 9:00 George Stuart—Our Debt to David Kelley, My Friend and Colleague

- 9:15 Alice Kehoe—Discussant  
9:30 Marc Zender—Discussant  
9:45 Kathryn Reese-Taylor—Discussant

**[5] POSTER SESSION ■ BIOARCHAEOLOGY IN THE ANDES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 5-a Sara Juengst and Sergio Chavez—The Health of Archaic Foraging Groups in the Lake Titicaca Basin  
5-b Richard Sutter—Class-Structured Gene Flow During the Moche Occupation of San José de Moro (AD 500 – 850), Jequetepeque Valley, Perú  
5-c Rachel Witt, Christine Pink and Rebecca Bria—Testing the Nature of Wari's Presence in the North-Central Highlands of Peru: A Bioarchaeological Perspective  
5-d Ann Laffey, Régulo Franco Jordán and John Krigbaum—Stable isotope analysis at Complejo Arqueológico el Brujo, Peru  
5-e Gwyn Madden, Elizabeth R. Arnold, Jordan K. Karsten and Stanley H. Ambrose—Isotopic Analysis in the Re-Proveniencing of Undocumented Human Mummified Remains  
5-f Anna Schneider, Kirsten Delay and Danielle Kurin—Mummy Dearest: Post-Mortem Mortuary Alteration in Andahuaylas, Peru (AD 1000-1400)  
5-g Emily Sharp and Tiffany Tung—Consequences of State Collapse: a Bioarchaeological Assessment of Post-Imperial Lifeways in the Ayacucho Basin, Peru  
5-h Katherine Wright and Danielle S. Kurin—A possible case of cancer in the late prehispanic Peruvian Andes  
5-i Keith Chan—Using Harris Lines to Examine Sex Differences: An Additional Complication?

**[6] POSTER SESSION ■ GEOARCHAEOLOGY**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 6-a Joseph Garcia and Brian Bates—A River Runs Through It? Archaeological and Geological Evidence from 44CH62 – The Randy K. Wade Site  
6-b Sarah Sherwood, Stephen B. Carmody, Nicholas P. Herrmann, Martin M. Knoll and Sierra M. Bow—Sandstone Rockshelter Site Formation on the Southern Cumberland Plateau of Tennessee: Geoarchaeology, Archaeobotany, Artifact Analysis and Remote Sensing.  
6-c Laura Hronec—Eolian Deposits at the Locality X Site: An Investigation of the Depositional History  
6-d Kathryn Catlin—A Stratified Landscape: Soil Cores and the Origins of Wealth in Viking Age Iceland  
6-e Steven Schmich, Barry Wilkens and Eduard Faus Terol—Using Proton Induced X-ray Emission (PIXE) Analysis to Source Chert in Les Valls de la Marina Alt – Alicante, Spain  
6-f Theodore Marks—Geoarchaeological Investigations at Erb Tanks Rockshelter, Central Namib Desert, Namibia  
6-g Andrew Zipkin and Alison Brooks—On the formation and distribution of ochreous minerals in northern Malawi

- 6-h Zhen Qin and Tristram Kidder—Geoarchaeological Investigations at Sanyangzhuang, Henan Province, China
- 6-i Michael Storozum and T.R. Kidder—Micromorphological Features of Ancient Agriculture in China

**[7] POSTER SESSION ■ GEOPHYSICS SOLVING ARCHAEOLOGICAL PROBLEMS**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 7-a Jacob Kovalchik—Archaeological Survey and Analysis of Lithic Mulch Gardens on Rapa Nui using Remote Sensing Techniques
- 7-b Eileen Ernenwein, Carla Klehm and Katie Simon—Ground-penetrating Radar and Electromagnetic Induction at Three Iron Age Sites in Botswana
- 7-c Paul Buck, Donald Sabol and William Meyer—Remote Sensing for Detection of Prehistoric Landscape Use in NW Arizona, USA
- 7-d Travis Cureton—Gradiometer survey of Cohonina sites in the San Francisco Mountain Volcanic Field, Arizona
- 7-e Philip Mink, Kimberly Istok, Christina Pappas, Edward Henry and Allison Esterle—A Grand Cemetery: A Recent Archaeogeomatic Investigation of the Pioneer Cemetery in Grand Canyon National Park
- 7-f Timothy De Smet, D. Bruce Dickson and Mark E. Everett—Archaeological and geophysical investigations of a frontier military campsite on the Concho River near Paint Rock, Texas
- 7-g Diana Greenlee, Michael Hargrave, R. Berle Clay, Rinita Dalan and Lewis Somers—2006-2011 Geophysical Investigations at Poverty Point
- 7-h Edward Henry, W. Stephen McBride and Philip B. Mink—The Union Defense Against Southern Aggression at Tebbs Bend: Archaeological Geophysics and Excavation on a Civil War Battleground in Kentucky
- 7-i Callista Holmes—Modeling Magnetic Signatures of Sunken Ships: 1750-1900
- 7-j James Lindsay—Relocation of “Destroyed” Effigy Mounds by Ground-Penetrating Radar
- 7-k Joseph Keeney and Robert Hickey—Using High-Resolution Satellite Imagery and Vegetative Indices to Locate Potential Archaeological Sites; Lake Matcharak, Alaska
- 7-l Thomas Urban and Doug Anderson—Multi-method Geophysical Investigations at Igliqtiqsiugvigruaq, Kobuk River Valley, Alaska
- 7-m Christopher Wolff, Thomas Urban and Luke Brown—A Geophysical Investigation Of The Old Whaling Site, Cape Krusenstern, Alaska

**[8] POSTER SESSION ■ SOUTH AMERICA**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 8-a Kathryn DeTore and Rebecca E. Bria—iArchaeology: Explorations in In-Field Digital Data Collection
- 8-b Mariela González, Pablo Messineo, Gustavo Politis, María Clara Álvarez and Cristian Favier-Dubois—Early Holocene Human Burials at Laguna de los Pampas (Pampean región, Argentina)
- 8-c Marie Gravalos and Rebecca Bria—A Study of Textile Technology from Middle Horizon Tombs of the Callejon de Huaylas Valley, Peru

- 8-d Natalia Cirigliano—First Surveys In A Historical Whereabout Close To Chico River (Patagonia, Argentina)
- 8-e Amalia Nuevo Delaunay—Discussing architectural features of 20th century sites in marginal areas: five study cases in Argentinean Patagonia.

**[9] POSTER SESSION ■ USING LiDAR IMAGES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 9-a Stephen Davis, Will Megarry, Conor Brady and Kevin Barton—Remote sensing and archaeological prospection in Brú na Bóinne World Heritage Site, Ireland
- 9-b John Pouncett and Christine Markussen—Analysis, Integration and Visualization of Surface and Subsurface Data from Moel-y-Gaer, Bodfari
- 9-c Robin Woywitka and Darryl Bereziuk—Using digital terrain analysis and LiDAR data in archaeological survey design: An example from the Rocky Mountain foothills of Alberta, Canada
- 9-d Chris Morgan, Robert Pack and Kenneth Cannon—Applications of LiDAR to the Remote-Sensing of High-Altitude Residential Features in Wyoming's Wind River Range
- 9-e Anne Vawser and Steven de Vore—The Bear and the Wildcat: Geophysics and the Re-Discovery of Mounds at Effigy Mounds National Monument, Iowa
- 9-f Michael Hargrave, Carey Baxter, Jarrod Burks, Renee Lewis, Paul Presenza and Amy Wood—Remote Sensing Applications for Military Cultural Resource Management
- 9-g Curtis McCoy—Revisiting the Great Island Site in Clinton County, PA Through Non-invasive Means
- 9-h Nathan Lawres—Expanding Your Toolbox: The use of LiDAR in establishing probability zone designations and the detection of anthropogenic landscapes in southern Florida
- 9-i Maureen Mahoney—Elevated living in South Florida: New Investigations into Settlement Activities in South Florida's Tree Islands
- 9-j Adrian Chase—Beyond Elite Control: Maya Classic Period Water Management at Caracol, Belize
- 9-k Charles Zufah—Airborne Lidar Survey of Soconusco, Chiapas: Mapping Prehistoric Salt and Ceramic Production Sites

**[10] FORUM ■ RESEARCH IN THE FIELD: WHAT TO DO AND WHAT NOT TO DO IN RUNNING AN ARCHAEOLOGY PROJECT**

*(Sponsored by Student Affairs Committee)*

**Room:** Chickasaw (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Marijke Stoll and David Dye

**Chair:** Laura Short

**Participants:**

- Matthew Boulanger—Discussant
- Matthew Piscitelli—Discussant
- Judson Finley—Discussant
- Davina Two Bears—Discussant
- Robert Jones—Discussant

**[11] SYMPOSIUM ■ THE AURIGNACIAN IN THE CLASSIC REGION: NEW EXCAVATIONS, INSIGHTS AND APPROACHES****Room:** River Bluff (CC)**Time:** 8:00 AM–10:00 AM**Organizers:** Matthew Sisk and Amy Clark**Chairs:** Amy Clark and Matthew Sisk**Participants:**

- 8:00 Romain Mensan—Castanet and Regismont-le-haut: A paleo-ethnological view of two Aurignacian sites in the south of France
- 8:15 Zenobie Garrett and Mathew Sisk—Reassessing Aurignacian site location: the effects of Medieval populations on Upper Paleolithic sites in the Vallon de Castel-Merle
- 8:30 Amy Clark—Spatial Organization at Abri Castanet (Sergeac, France)
- 8:45 Julien Riel-Salvatore and Fabio Negrino—Variability in the Italian proto-Aurignacian: New data from Riparo Bombrini (Balzi Rossi, Liguria)
- 9:00 John O'Hara—Rediscovering the Abri de la Souquette: a re-analysis and contextualization of an Aurignacian site in the vallon de Castel-Merle
- 9:15 Claire Heckel—Ivory Ornaments in Local Context: Technology and Morphology in the Aurignacian of the Vézère Valley
- 9:30 Laura Chassaigne—Marked objects from the French Aurignacian: observations and interpretations
- 9:45 Randall White and Raphaëlle Bourrillon—Graphic imagery and otherwise modified rock surfaces in Aurignacian sites of the Vézère Valley: symbolism, context and technique

**[12] FORUM ■ THE IMPACT OF SPECIAL PURPOSE INSTITUTIONS ON THE FUTURE OF ARCHAEOLOGY****Room:** 205 (CC)**Time:** 8:00 AM–10:00 AM**Organizers:** Ran Boytner and Willeke Wendrich**Chair:** Ran Boytner**Moderator:** Willeke Wendrich**Participants:**

- Charles Stanish—Discussant
- Susan Alcock—Discussant
- Roderick Campbell—Discussant
- Frank McManamon—Discussant
- Jeffrey Altschul—Discussant
- Jack Cothren—Discussant
- Jeff Morgan—Discussant
- David Wengrow —Discussant
- Ran Boytner—Discussant

**[13] SYMPOSIUM ■ THE ROOTS OF CREOLE NEW ORLEANS: GARDENS AND MARKETS OF THE FRENCH QUARTER****Room:** L-10 (CC)**Time:** 8:00 AM–10:00 AM**Organizer:** Christopher Grant**Chair:** Shannon Lee Dawdy**Participants:**

- 8:00 Shannon Dawdy—Creole Markets and Public Intimacies
- 8:15 Clarissa Cagnato and Gayle J. Fritz—Strolling through Madame Mandeville's



- 8:30 Garden: The Real and Imagined Landscape of 18th Century New Orleans  
Megan Edwards—In the Market for Meat: A Zooarchaeological Analysis in the Heart of New Orleans
- 8:45 Susan deFrance—Animals and Creole Roots: Faunal Remains from French Quarter Sites
- 9:00 Christopher Grant—Divine Roots: The Origins and Growth of Creole Religion and Ritual Practice
- 9:15 Kristen Gremillion—Plant Remains from St. Anthony's Garden
- 9:30 Andrea White—Reshaping the Urban Landscape in Early New Orleans
- 9:45 Lauren Zych—Native Pots in European Spots: Intercultural Assemblages from St. Antoine's Garden

**[14] SYMPOSIUM ■ FORENSIC ARCHAEOLOGY: RECENT CASES, CURRENT RESEARCH**  
**Room:** L-4 (CC)  
**Time:** 8:00 AM–10:30 AM  
**Organizers:** Kimberlee Moran and Randi Scott  
**Chair:** Randi Scott

**Participants:**

- 8:00 Tate Jones and Martin E. McAllister—The Use of 3D Laser Scanning in Forensic Archaeology to Document Unauthorized Archaeological Damage]
- 8:15 Dana Kollmann—Take them to the Woods: Melding Forensic Education with Real Case Experience
- 8:30 Martin McAllister, Larry E. Murphy, James E. Moriarty, IV and David E. Griffel—Digging, Defacement, Damage and Dealing: Case Studies of the Use of the Archaeological Damage Assessment Methodology as an Application of Forensic Archaeology in Criminal and Civil Prosecutions
- 8:45 Anna Davenport and Karl Harrison—Operation Ballan: A forensic archaeological example of a clandestine burial in a UK back garden
- 9:00 Ann Marie Mires—The Use of Forensic Bioarchaeology in Missing Person Cases
- 9:15 William Hawkins and Ryan M. Seidemann—Of Skulls, Grave Dirt, and All Dead Things Fit (But Probably Illegal) to Sell: Groping for a Forensic Approach to eBay Sales in Louisiana
- 9:30 Craig Goralski, Alexis Gray, David Van Norman and Rebecca Castillo—Digging for Doe: Forensic Archaeology in San Bernardino County Cemetery Contexts
- 9:45 Alexis Gray, Craig Goralski, David Van Norman and Rebecca Castillo—The Doe's in the Details: Forensic Anthropological Recovery in Cemetery Excavation for DNA Sampling
- 10:00 Megan Perry and Lisa Leone—Recovery rates of skeletal remains from wooded areas in eastern North Carolina
- 10:15 Gregory Fox and Thomas Holland—The Ex Cathedra Forensic Anthropologist or, Sometimes I Watch CSI Re-Runs

**[15] SYMPOSIUM ■ RECENT INVESTIGATIONS OF THE PACBITUN REGIONAL ARCHAEOLOGICAL PROJECT, CAYO DISTRICT, BELIZE**  
**Room:** L-11 (CC)  
**Time:** 8:00 AM–10:30 AM  
**Organizers:** Jon Spenard and Jennifer Weber  
**Chair:** Terry Powis

**Participants:**

- 8:00 Terry Powis and Paul Healy—Defining Preclassic Space in the Main Plaza at Pacbitun, Belize

- 8:15 Kong Cheong—Maya Music at Pacbitun (Belize): Archaeological Investigations of the North Group
- 8:30 Arianne Boileau—Exploring Preclassic Maya diet: exploitation of animal resources at Pacbitun, Belize
- 8:45 Teresa Wagner and Paul Healy—Ancient Maya Shell Use at Pacbitun: The Late Preclassic and Classic Periods
- 9:00 Kelley Rich and Terry G. Powis—Stable Oxygen Isotope Analysis of the Freshwater Gastropod *Pachychilus* sp. and Its Use for Seasonality Studies at Pacbitun, Belize
- 9:15 Jennifer Weber—Calculated Motivations: The Road Network at the Ancient Maya site of Pacbitun, Belize
- 9:30 Stephany Valdez and Jason B Lee—Peripheral Vision: The Role of Chaaan Hol Rockshelter in Pacbitun's Periphery
- 9:45 Jon Spenard—Making Place: An Analysis of the Classic Period Maya Use and Modification of the Karst Landscape in the Pacbitun Region, Cayo District, Belize.
- 10:00 Bryan Reece and Jon Spenard—High in the Sky: Excavations During the 2011 Field Season at Sak Pol Pak
- 10:15 Jaime Awe—Discussant

**[16] SYMPOSIUM ■ RESOURCES, NETWORKS, LANDSCAPES, AND FAMILY: RECENT DIRECTIONS IN HUNTER-GATHERER RESEARCH**

**Room:** L-7 (CC) (entrance through L-9)

**Time:** 8:00 AM–10:15 AM

**Organizers:** Sarah Surface-Evans and Andrew White

**Chairs:** Andrew White and Sarah Surface-Evans

**Participants:**

- 8:00 A Lemke—Archaeology of Meat Sharing
- 8:15 M Brouwer—Dynamic Landscapes, Dynamic Decision-Making: Hunter-Gatherer Land Use Strategies in the Central River Valley of the Netherlands
- 8:30 S Burdin—The Waning of the Shell Midden Phenomenon and Subsequent Late Archaic Occupation at Two Archaic Sites in the Lower Ohio River Valley
- 8:45 Sarah Surface-Evans—Climate Change and Archaic Hunter-Gatherer Adaptations in the Ohio Valley
- 9:00 D. Shane Miller, Thaddeus Bissett and Stephen Carmody—Examining Paleoindian and Archaic Subsistence Trajectories in the Mid-South
- 9:15 Andrew White—Subsistence Economics, Family Size, and the Emergence of Social Complexity in Hunter-Gatherer Systems in Eastern North America
- 9:30 Bill Lovis—Network Maintenance in Big Rough Spaces with Few People: The Labrador Naskapi or Inuu
- 9:45 Lars Anderson—Modeling “Modernity” in the Middle Stone Age
- 10:00 Robert Whallon—Discussant

**[17] SYMPOSIUM ■ CRITICAL THINKING IN ARCHAEOLOGY: PAPERS IN MEMORY OF DEE ANN STORY**

**Room:** Ballroom E (CC)

**Time:** 8:00 AM–10:45 AM

**Organizer:** Nancy Kenmotsu

**Chair:** Timothy Perttula

**Participants:**

- 8:00 Harry Shafer—The Legacy of Dee Ann Story: Highlights and Caddo Archaeology at the George C. Davis Site
- 8:15 Jeff Girard and Timothy Pertulla—The Origins of the Caddo Archaeological Area: Historic Contingencies and Taxonomic Differentiation
- 8:30 Jim Bruseth, Tiffany Osburn and Jim Bruseth—Magnetic Survey at the George C. Davis Site: Interpretations from the Indian Mound Nursery Property
- 8:45 Ross Fields—Dee Ann Story and the Pine Tree Mound Project
- 9:00 Tom Middlebrook—The Use and Limits of Early European Descriptions of Hasinai Elites in the Understanding of Prehistoric Caddo Mortuary Practices in Shelby County, Texas
- 9:15 Darrell Creel—Caddo Pottery in Central Texas: Implications for Late Prehistoric and Early Historic Interaction
- 9:30 Carolyn Boyd and J. Phil Dering—The Science of Art: Systematic Approaches to Recording and Analyzing the Structure and Symbols Inherent in Red Linear Style Pictographs of the Lower Pecos Canyonlands, Texas and Mexico
- 9:45 Ricky Lightfoot, Richard Wilshusen and Mark Varien—Defining and Using Households in Archaeological Analysis
- 10:00 Kristen Kuckleman—Identifying Causes of the Thirteenth-Century Depopulation of the Northern Southwest
- 10:15 Nancy Kenmotsu—The Influence of Dee Ann Story: Never Boring, Always Engaging, Demanding Critical Thinking
- 10:30 E.B. Jelks—Discussant

**[18] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY OF WESTERN NORTH AMERICA**  
**Room:** 203 (CC)  
**Time:** 8:00 AM–11:00 AM  
**Chair:** Judith Halasi

**Participants:**

- 8:00 Matthew Gifford—The Use of Stone and Coral Ballast Aboard 16th-Century Spanish Ships
- 8:15 Erica Smith—Chemical Characterization of Spanish and Mexican Indian Artifacts from the Emanuel Point Shipwrecks
- 8:30 Maria Hroncich-Conner—An Investigation of Spanish Colonial Ceramic Production and Acquisition at LA 20,000
- 8:45 Ben Curry—Wilder Ranch at Home and Abroad: the day to day life and global connections of a Mexican Rancho
- 9:00 Lynn Wack—Analyzing Animal Remains from the Historic Perez Ranch Site (41BX274).
- 9:15 Break
- 9:30 Judith Halasi—Investigation of Spatial Patterns at Turn of the Century Farmsteads near Fort Riley, Kansas
- 9:45 Emily Dale—Ordinance 32, Spring Street, and Aurora's Chinese
- 10:00 Kim Christensen—Reforming Women: Politics, the Home, and Materiality
- 10:15 Jennifer Lewis, Amanda Palmer and Amanda Marshall—The Collins Overland Telegraph Trail: understanding the impact of resource development upon historical sites in BC
- 10:30 Lucius Martin—The Rise of the Corporate Resort on Santa Catalina Island and its impact on prehistory, 1892-1919

- 10:45 Anna Forringer-Beal and Jason De Leon—Fragments and Females: Using Micro-Debitage to Understand the Border Crossing Experiences of Women Migrants in Southern Arizona

**[19] SYMPOSIUM ■ POLITICAL STRATEGIES IN PRE-COLUMBIAN MESOAMERICA**

**Room:** Ballroom D (CC)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Sarah Kurnick and Joanne Baron

**Chairs:** Joanne Baron and Sarah Kurnick

**Participants:**

- 8:00 Sarah Kurnick—How Rulers Rule: Negotiating the Contradictions of Political Authority
- 8:15 Timothy Sullivan—Shifting Strategies of Political Authority in the Middle Formative through Terminal Formative Polity of Chiapa de Corzo, Chiapas, Mexico
- 8:30 Takeshi Inomata—Ritual and power in an early Maya community: New data from Ceibal, Guatemala
- 8:45 Federico Paredes—The role of public monuments in the creation of ethnicity and political authority in Western El Salvador
- 9:00 Nancy Peniche and David Anderson—Experimentation and Political Strategies: Xtobo and Xaman Susula in Preclassic Northwest Yucatan, Mexico
- 9:15 Sarah Barber and Arthur Joyce—Negotiating Political Centralization in Terminal Formative Coastal Oaxaca
- 9:30 Joanne Baron—Community Gods and Community Conflicts: Patron Deities at La Corona, Guatemala
- 9:45 Helen Pollard—Ruling 'Purépecha Chichimeca' in a Tarascan World
- 10:00 Lorraine Williams-Beck—Northern Lowland Maya Postclassic Political Practices
- 10:15 Susan Evans—Aztec Royal Family Politics
- 10:30 Bryce Davenport and Charles Golden—Landscapes, Lordships, and Sovereignty in Mesoamerica
- 10:45 Adam Smith—Discussant

**[20] SYMPOSIUM ■ STONES, BONES, AND PROFILES I: CELEBRATING THE CONTRIBUTIONS OF GEORGE C. FRISON AND C. VANCE HAYNES**

**Room:** Steamboat (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer:** Bruce Huckell

**Chair:** Marcel Kornfeld

**Participants:**

- 8:00 Marcel Kornfeld and Bruce Huckell—Stones, Bones, and Profiles: Archaeology and Geoarchaeology of C.V. Haynes, Jr. and George C. Frison
- 8:15 Ted Goebel and Kelly Graf—Chronological Hygiene and the Peopling of Beringia
- 8:30 Stuart Fiedel—Confessions of a Clovis Mafioso
- 8:45 Dennis Jenkins, Patrick W. O'Grady, Loren G. Davis, Thomas W. Stafford and Eske Willerslev—Snap-shot in Time: A Sealed-in Late Younger Dryas (10,200 BP) Cultural Component in the Paisley Caves
- 9:00 Bruce Huckell—By Design: Early Paleoindian Lithic Technological Organization and Foraging in the North American Plains

- 9:15 Ashley Smallwood and Thomas A. Jennings—Learning from Legends: Case Studies in Experimental Paleoindian Archaeology
- 9:30 Break
- 9:45 Andrea Freeman—Why the ice-free corridor is still relevant to the peopling of the New World
- 10:00 Rolf Mandel—The Search for Paleoindian and Pre-Paleoindian Sites in the Central Great Plains of North America: A Soils-Geomorphic Approach
- 10:15 Vance Holliday, Susan Mentzer, Javier Vasquez and David Carmichael—Preliminary Geoarchaeological Investigations at Sierra Diablo Cave, Hudspeth County, Texas
- 10:30 Mary Prasciunas, Fred Nials, C.Vance Haynes, William Scoggin and Lance McNees—The UP Mammoth Site, Wyoming: What's UP?
- 10:45 Judson Finley—Late Holocene Alluvial History of the Bighorn Basin, Wyoming

**[21] SYMPOSIUM ■ COORDINATE APPROACHES TO MIGRATIONS IN EPICLASSIC AND POSTCLASSIC MESOAMERICA**

**Room:** L-13 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Christopher Beekman and William Fowler

**Chair:** William Fowler

**Participants:**

- 8:00 Sarah Metcalfe and Sarah Davies—Climate change in central and southern Mexico over the last 2000 years: sites, sensitivity and significance
- 8:15 Alexander Christensen—Modern Genetic Variation and Ancient Mesoamerican Population Movements
- 8:30 Jane Hill—How Mesoamerican are the Nahua languages?
- 8:45 Christopher Beekman—El Grillo and Epilogue. The Reestablishment of Community and Identity in Far Western Mexico
- 9:00 Brigitte Faugere, Dominique Michelet and Pereira Gregory—About the origins of Tarascan State: migration and settlement reorganizations on the borders of the Lerma Valley (Michoacan and Guanajuato) during Epiclassic and Early Postclassic periods
- 9:15 Robert Cobean—Origins Of The Founding Populations For The Toltec State
- 9:30 Dan Healan and Christine L Hernandez—The Role of Migration in Shaping Trans-Regional Interaction in Post-Classic Central and Near West Mexico
- 9:45 Keith Jordan and Cynthia Kristan-Graham—Bones of Contention at Tula: Migration Theories, Art, and Ancestry
- 10:00 Barbara Stark and Krista Eschbach—Population Movement Issues in the Classic and Postclassic of the Gulf Lowlands
- 10:15 Scott Aubry—Interregional interaction in Mesoamerica: a morphometric analysis
- 10:30 Oswaldo Chinchilla Mazariegos—Cotzumalhuapa and Chichen Itza: An International Style of the Epiclassic?
- 10:45 William Fowler—The Pipil Migrations in Mesoamerica: History, Identity, and Politics
- 11:00 John Pohl—Discussant
- 11:15 George Cowgill—Discussant

**[22] GENERAL SESSION ■ RESEARCH IN THE YUCATAN PENINSULA****Room:** Sultana (CC)**Time:** 8:00 AM–11:30 AM**Chair:** Timothy Hare**Participants:**

- 8:00 Jerald Ek—The Formative Period in the Río Champotón Drainage, Campeche: Settlement Patterns and Ceramic Chronology
- 8:15 William Folan, Gary Gates, Joel D. Gunn, Ma. del Rosario Domínguez Carrasco and Beniamino Volta—Calakmul, Campeche, Mexico, its Tributary Cities and the Hilly Karstic Highlands of the Peten Campechano and Northern Guatemala
- 8:30 Kenichiro Tsukamoto—Identifying Social Group in Classic Maya Society: Recent Research at El Palmar, Campeche, Mexico
- 8:45 Stephanie Simms, Francesco Berna and George J. Bey, III—A Prehispanic Maya Piib?: Archaeological Evidence for a New Cooking Technology in the Puuc Region
- 9:00 Eric Weaver, Nicholas Dunning and Michael Smyth—Preliminary investigation of a ritual cave site in the Puuc region of Yucatán, Mexico: Actun Xcoch
- 9:15 Anna Catesby Yant—Power and Performance in Non-domestic Architecture at Kiuic
- 9:30 Laura Villamil and Jason Sherman—Recent Investigations at Margarita, Quintana Roo, Mexico
- 9:45 Break
- 10:00 T. Manahan, Azucena Cervantes Reyes and Roberto Magdaleno Olmos—The Dynamics of Transformation at a Late-Terminal Classic household at Xuenkal, Yucatan
- 10:15 Scott Johnson—Popola, Yucatan, Mexico: The Effects of Political Transition on Non-Elites
- 10:30 Tatiana Young—A Change in the Settlement Pattern in the Coahuah Region, Quintana Roo during Terminal Classic Period
- 10:45 Adriano De Santis—Technological differentiation in C-shaped structures in the Yucatan peninsula
- 11:00 Timothy Hare—Techniques and Tools for Exploring Spatial Processes, Patterns, and Relationships at Postclassic Mayapán
- 11:15 Lucia Gudiel—The Ethnography of Root-Crop Use of the Contemporary Maya in Quintana Roo: Archaeological Implications

**[23] SYMPOSIUM ■ ART MAKES SOCIETY****Room:** Ballroom B (CC)**Time:** 8:00 AM–11:45 AM**Organizers:** Elizabeth DeMarrais and John Robb**Chairs:** Elizabeth DeMarrais and John Robb**Participants:**

- 8:00 Elizabeth DeMarrais—Art Makes Society
- 8:15 Elizabeth Brumfiel—Artifact Decoration and Multiple Social Identities at Xaltocan, Mexico
- 8:30 Christina Halperin—Circulation of Art: The Making of Classic Maya Regional Identities as a Process of Movement
- 8:45 George Lau—Of durable disposition: dualism, objects and action in the

- ancient Andes
- 9:00 Christine Hastorf—Enacting community in the Altiplano
- 9:15 Adam Herring—On Andean Abstraction: Archaeology of an Idea
- 9:30 Katherine Spielmann—Art, Community, and the End of Ohio Hopewell
- 9:45 John Creese—Doing the Unspeakable: Wendat Art and Performances of the Self
- 10:00 Michael Kolb—Ancient Hawaiian Monumentality as Art and Action
- 10:15 Sheila Kohring and John Robb—Action art: art and embodiment in European prehistory
- 10:30 Jamie Hampson—Contested heritage: rock art and identity in national parks
- 10:45 David Robinson—Legitimizing Space: Art and the Politics of Place
- 11:00 Diana di Paolo Loren—The illusion of imperium: visual and material perspectives of colonial Louisiana
- 11:15 Severin Fowles and Jimmy Arterberry—The Performance of History in Early Colonial Art of the American Plains
- 11:30 Rebecca Farbstein—Making art, making meaning: social insights from technological analysis of Paleolithic portable art

**[24] SYMPOSIUM ■ PUBLIC ARCHAEOLOGY IN THE 21ST CENTURY**

*(Sponsored by Public Archaeology Interest Group)*

**Room:** Ballroom C (CC)

**Time:** 8:00 AM–11:45 AM

**Organizer:** Gregory Lockard

**Chair:** Melinda McCrary

**Participants:**

- 8:00 Robert Connolly and Natalye B. Tate—The “Public” in Archaeology as Mission Driven and Essential
- 8:15 Helen Keremedjiev—Telling the Stories of Bear Paw, Big Hole, Little Bighorn, and Rosebud: The On-Site Archaeological Interpretations of Four Historic Battlefields
- 8:30 Gregg Harding and Sarah Nohe—Chalk it up to a Partnership: Documenting the Untold History at Fort Jefferson
- 8:45 Della Scott-Ireton—Sailing the SSEAS: A New Program for Public Engagement in Underwater Archaeology
- 9:00 Christina Rieth—In the Public Trust: Outreach and Education in the Protection of State-Owned Resources in New York
- 9:15 Ruth Arlene Musser-Lopez—Cost Sharing Stewardship of “At-Risk” Archaeological Sites via Multi-Resource Volunteer Monitoring
- 9:30 Brian Billman, Jesus Briceño Rosario, Julio Rucabado Yong and Alicia Boswell—Community-based Heritage Preservation on the North Coast of Peru or How MOCHE, Inc is Saving the Past by Investing in the Future
- 9:45 Gregory Lockard—Public Archaeology in Peru: Lessons Learned from the PERU LNG Archaeological Project
- 10:00 Carol Ellick—Public Outreach and Education: A Line-item in the Budget
- 10:15 Brandon Gabler, Loy Neff, Alexa Smith and D. Shane Miller—Preservation and Community Involvement at the Pantano Townsite Conservation Area, Pima County, Arizona
- 10:30 Rachel Wentz—Getting “In the Dirt” Without Getting Dirty
- 10:45 John Swogger and Quetta Patricia Kaye—Showing What We See: Representing archaeology in the Caribbean
- 11:00 Edward Gonzalez-Tennant—Dark Tourism, Social Justice Education, and

- Virtual Archaeology
- 11:15 Andrea Fink and Kate Ellenberger—Feminist archaeology: The Intellectual Roots of Community-based Archaeology
- 11:30 Ben Thomas and Meredith Langlitz—National Archaeology Day and Public Outreach

**[25] SYMPOSIUM ■ TRANSFORMATIONS DURING THE COLONIAL ERA: DIVERGENT HISTORIES IN THE AMERICAN SOUTHWEST**

**Room:** L-2 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers and Chairs:** John Douglass and William Graves

**Participants:**

- 8:00 John Douglass and William Graves—Transformations during the Colonial Era: Divergent Histories in the American Southwest
- 8:15 Robert Preucel, Matthew Liebmann and Woody Aguilar—The Pueblo World Transformed: Alliances, Animosities, and Factionalism in the Northern Rio Grande, 1680-1700
- 8:30 Phillip Leckman—Meeting in Places: Seventeenth-century Puebloan and Spanish Landscapes
- 8:45 Thomas Sheridan and Stewart Koyiyumptewa—Moquis and Kastiilam: Hopi Oral Traditions of the Spaniards and the Trauma of History in Hopi Society
- 9:00 Michael Wilcox—Abandonment as Social Strategy: The Consequences and Causes of Spanish Colonial Violence on the Northern Frontier of New Spain
- 9:15 Heather Atherton and Severin Fowles—Comanche Archaeology and the Making of 18th-Century New Mexico
- 9:30 Jun Sunseri—Frontline Tactics and Homescape Strategies in Biomechanical Perspective: Equine travel along the raiding frontier of Colonial Northern New Mexico
- 9:45 Matthew Schmader—"The Peace that was Granted had not been Kept:" Coronado in the Tiguex Province, 1540-1542
- 10:00 B. Sunday Eiselt and J Andrew Darling—Aquí Me Quedo: Vecino Origins and the Historic Settlement Archaeology of the Río del Oso, New Mexico
- 10:15 Kelly Jenks—Becoming Vecinos: Constructing Civic Identities in Late Colonial New Mexico
- 10:30 Lauren Jelinek and Dale Brenneman—A New Look at 'Old' Data: Population Dynamics in the Pimería Alta
- 10:45 Homer Thiel—Life on the Northern Frontier
- 11:00 Barnet Pavao-Zuckerman—Cattle Ranching Strategies at Mission San Agustín de Tucson
- 11:15 Colleen Strawhacker—Response of O'odham Irrigated Agriculture to Colonial Forces on the Middle Gila River, Southern Arizona
- 11:30 Kent Lightfoot—Discussant

**[26] SYMPOSIUM ■ RITUAL PRACTICE IN THE ANDES**

**Room:** L-5 (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Stefanie Bautista and Silvana Rosenfeld

**Chair:** John Rick

**Participants:**

- 8:00 John Rick—Evidence for Ritual Practice at Chavín de Huántar, Peru
- 8:15 Matthew Helmer, David Chicoine and Hugo Ikehara—Plaza Settings and



- Ritual Performances at Caylán (800-10 BCE), Nepeña Valley, Coastal Ancash
- 8:30 Meghan Tierney—Evidence for Shamanic Practice in Nasca Ceramics
- 8:45 Rebecca Bria—Remodeling the Landscape, Remodeling the Ceremony: Changing the place and practice of ritual during a period of agricultural intensification at late Formative Period Hualcayan, Callejón de Huaylas Valley, Peru
- 9:00 Kevin Vaughn, Hendrik Van Gijseghem and Moises Linares Grados—Ritual Practice and Mining in Nasca
- 9:15 Francesca Fernandini—Formalization of Ritual Practice in Cerro del Oro during the Early Middle Horizon
- 9:30 Amy Groleau—Following Fragments: Wari Ritual Practice and the Importance of the Quotidian
- 9:45 Matthew Edwards—Ritual Practice at the End of Empire: Evidence of an Abandonment Ritual from Pataraya, a Wari Outpost on the South Coast of Peru
- 10:00 Silvana Rosenfeld—Ritual and Foodways during the Wari Empire (AD 600-900): a zooarchaeology perspective
- 10:15 Stefanie Bautista and Jessica Kaplan—Seeing the Sacred: Investigating Early Andean Ritual Practice Using Visibility Analysis
- 10:30 Sarah Abraham—Reconstructing Early Colonial Ritual Practice at Pucará, Peru: An Architectural Approach
- 10:45 Florencia Avila and Axel Nielsen—Ritual as Inter-Action with Non Humans: Mountain Pass Shrines along South Andean Caravan Routes
- 11:00 Hendrik Van Gijseghem and Verity H. Whalen—Mining, Ritual, and Social Memory: Can place-names reveal ancient attitudes toward landscape?
- 11:15 Dante Angelo—Ritual Practice as an Overwhelming Burden of Everyday Life
- 11:30 Jerry Moore—Discussant
- 11:45 Timothy Pauketat—Discussant

**[27] GENERAL SESSION ■ ARCTIC AND SUBARCTIC ARCHAEOLOGY**

**Room:** 204 (CC)

**Time:** 8:15 AM–10:45 AM

**Chair:** Brian Wygal

**Participants:**

- 8:15 Brian Wygal—The Microblade/Non-Microblade Dichotomy: Climatic Implications, Toolkit Variability, and the Role of Tiny Tools in Eastern Beringia
- 8:30 Risa Carlson—More New Early Holocene Sites in the Alexander Archipelago of Southeast Alaska located using a Raised Marine Beach Predictive Model
- 8:45 Lesley Howse—The Impacts of Hunting Technologies on Late Dorset and Early Thule archaeofaunas in the Canadian High Arctic
- 9:00 Anne Jensen—Ipiutak Infrastructure: New Details from Recent Excavations
- 9:15 Break
- 9:30 Caroline Funk—Birds as Resources and Identity Markers in Rat Islands Aleut Culture, Western Aleutians, Alaska
- 9:45 Diane Hanson—Excavation of an Upland House on Adak Island, Aleutian Islands, Alaska
- 10:00 Roberta Gordaoff—A Comparison of Lithic Tools from Upland Houses and

- 10:15 Coastal Sites on Adak Island, the Aleutian Islands, Alaska  
Joseph Wilson—The Ethnohistorical Reconstruction of Athapaskan Migrations using Complex Archery Technology
- 10:30 Tiffany Curtis and Robin Mills—Dendroarchaeology on the Fortymile River, Alaska or "Get the Yeti!"

**[28] SYMPOSIUM ■ REFLECTING ON THE ROLE OF WOMEN IN ARCHAEOLOGY***(Sponsored by COSWA)***Room:** L-3 (CC)**Time:** 9:15 AM–12:00 PM**Organizers:** Maria Raviele and Kathleen Sterling**Chair:** Kathleen Sterling**Participants:**

- 9:15 Linda Stine—A cultural negotiation: gender, class, preservation law and opportunity
- 9:30 Janet Brashler—Working at Archaeology in Government, Academia and CRM: A Cross Cultural Perspective on Gender in the Archaeology Work Place
- 9:45 Jackie Lillis—One Discipline, Two Degrees, and Two Careers: Lessons Learned Over 15 Years by a Female Indiana Jones
- 10:00 Dorothy Lippert—The Work of Beloved Women: How female archaeologists restore the world through repatriation
- 10:15 Marcia Bezerra, Caroline Fernandes Caromano and Leandro Matthews Cascon—'Modern-day Amazons': The historical construction of Amazonian archaeology by woman's hands, eyes and minds
- 10:30 Maria Bruno, Nicole Couture and Deborah Blom—Challenges and Accomplishments of Multi-disciplinary, Female, Co-Directorship at Mollo Kontu, Tiwanaku, Bolivia
- 10:45 Cherrie De Leiuén—Where is gender in archaeology?
- 11:00 Katie Kirakosian—Discussant
- 11:15 Astrid D'Eredita—Donna e archeologa: an Italian perspective
- 11:30 Silvia Tomaskova—Discussant
- 11:45 Ruthann Knudson—Discussant

**[29] GENERAL SESSION ■ BIOARCHAEOLOGICAL ANALYSES IN SOUTH AMERICA****Room:** Mississippi (CC)**Time:** 9:30 AM–12:00 PM**Chair:** James Zeidler**Participants:**

- 9:30 James Zeidler—Populating Valdivia: The Neolithic Demographic Transition at Real Alto, Coastal Ecuador
- 9:45 Bethany Turner, Haagen D. Klaus, Sarah V. Livengood and Leslie E. Brown—The Road to Sacrifice: Bioarchaeological Investigations on the Peruvian North Coast
- 10:00 Celeste Gagnon, Bethany L. Turner and Robert H. Tykot—A Bioarchaeological Approach to Gendering Consumption in the Moche Valley
- 10:15 Corina Kellner, Kevin Vaughn, Hendrik Van Gijseghem and Verity Whalen—Bioarchaeological analysis of unlooted tombs from Cocahuischo in Nasca, Peru (AD 650-750)
- 10:30 Aubree Gabbard and Danielle S. Kurin—Dental health and dietary changes

- 10:45 following Wari Collapse: a case study of the Chanka of Andahuaylas, Peru  
Christine Pink and Rebecca E. Bria—Mortuary ritual at the Hualcayan site in the Callejón de Huaylas, Peru.
- 11:00 Danielle Kurin and D. Enmanuel Gomez Choque—The bioarchaeology of collapse: a case study from the south-central Peruvian Andes
- 11:15 Ellen Lofaro, Danielle Kurin and John Krigbaum—Isotopic Analysis of Chanka Mobility in the Central Highlands of Peru
- 11:30 Emily Stovel and Christina Torres-Rouff—Exploring the Expression of People vs. Pots in the Late Intermediate Period (c. AD 1000- 1500) Chilean Atacama Desert
- 11:45 Christina Torres-Rouff, William J. Pestle and Gonzalo Pimentel—Dying Along the Way: Analysis of Burials from Prehistoric Routes in Northern Chile's Atacama Desert

**[30] SYMPOSIUM ■ THE SOUTHERN MESOAMERICAN HIGHLANDS AND PACIFIC COAST IN PERSPECTIVE: RECENT RESEARCH**

**Room:** L-12 (CC)

**Time:** 9:45 AM–12:00 PM

**Organizer:** Barbara Arroyo

**Chair:** Lorena Paiz

**Participants:**

- 9:45 Lorena Paiz, Bárbara Arroyo, Andrea Rojas, Javier Estrada and Emanuel Serech—Santa Isabel And The South Part Of The Valley Of Guatemala In The Middle Preclassic Period
- 10:00 Barbara Arroyo, Lorena Paiz, Adriana Linares and Margarita Cossich—Recent Results From The Preclassic: The Naranjo And Kaminaljuyu Projects
- 10:15 Adriana Linares—Women at Naranjo, Guatemala: What they show about Middle Preclassic Interactions
- 10:30 Eugenia Robinson—The Late Postclassic Settlements Surrounding Iximche in the Guatemalan Highlands
- 10:45 Lucia Henderson—Revealing Reliefs: Approaching the Origins and Development of Maya Ideology through the Sculptural Record of Kaminaljuyú, Guatemala
- 11:00 Marion Popenoe de Hatch—Using Ceramics to Interpret the History of Takalik Abaj
- 11:15 Christa Schieber de Lavarreda and Miguel Orrego Corzo—The sacred axis at Tak'alik Ab'aj: the perennial return to the ancestor?
- 11:30 Lynne Lowe—Early exchange and interaction: a view from Chiapa de Corzo, Chiapas, Mexico
- 11:45 Caitlin Earley—Not So Quiet on the Western Front: The Comitán Valley in the Early Postclassic Period

**[31] SYMPOSIUM ■ TRIBAL HISTORIC PRESERVATION OFFICES': ISSUES AND LESSONS LEARNED**

*(Sponsored by IGIP and CNAR)*

**Room:** L-6 (CC)

**Time:** 10:00 AM–12:00 PM

**Organizers:** Ora Marek-Martinez and Sara Gonzalez

**Chair:** Pattie Tuck

**Participants:**

- 10:00 Loretta Jackson-Kelly and Kurt E Dongoske—Confluence of Values: The Role of Science and Native Americans in the Glen Canyon Dam Adaptive Management Program

- 10:15 Pattie Garcia-Tuck—Renewable Energy and Non-Renewable Resource  
 10:30 James Potter, Terry G. Knight and Lynn W Hartman—Wetis Orapugat Navachukwak ("Reconnecting Our Past"): Current Challenges of the Ute Mountain Ute Tribal Historic Preservation Office  
 10:45 Ronald Maldonado—Preservation on the Navajo Reservation, Who decides?  
 11:00 Oral Marek-Martinez—Archaeology For, By and With the People: The Navajo Nation case.  
 11:15 John Rose—Discussant  
 11:30 Pattie Tuck—Discussant  
 11:45 Sara Gonzalez—Discussant

**[32] SYMPOSIUM ■ COLLECTIVE BURIALS, COLLECTIVE IDENTITIES?****Room:** River Bluff (CC)**Time:** 10:15 AM–12:00 PM**Organizer:** Katina Lillios**Chair:** Katina Lillios**Participants:**

- 10:15 Leonardo Garcia Sanjúan, Coronada Mora Molina, Marta Díaz-Zorita Bonilla, Sonia Robles Carrasco and David Wheatley—Spatial organisation, physical anthropology and absolute chronology at the PP4-Montelirio sector of the Copper Age settlement of Valencina de la Concepción (Seville, Spain)  
 10:30 Oreto García Puchol, Sarah B. McClure, Douglas J. Kennett and Brendan Culleton—An AMS Chronology of Collective Neolithic Burials in the central Mediterranean region of Spain  
 10:45 Alasdair Whittle—Ghosts of memory, lines of descent: remembering and categorising in the early Neolithic collective burials of southern Britain  
 11:00 Jonathan Thomas—Creating Complex Identities? The Problems and Potential of a World Systems Approach to Neolithic and Copper Age Personal Ornaments  
 11:15 Rui Boaventura—Changing identities in Central-South Portugal between the 4th and 3rd millennia BCE? How funerary data can be interpreted  
 11:30 Katina Lillios and Estella Weiss-Krejci—Strangers on a Train: Individuals, Collective Burials, and Temporality  
 11:45 Robert Chapman—Discussant

**[33] SYMPOSIUM ■ THE SAN ANTONIO RIVER: SHAPING LIFEWAYS IN SOUTH TEXAS FOR 10,000 YEARS: RECENT ARCHAEOLOGY IN THE SAN ANTONIO RIVER BASIN****Room:** L-10 (CC)**Time:** 10:15 AM–12:00 PM**Organizers:** Susan Snow and Steve A. Tomka**Chairs:** Steve A. Tomka and Susan Snow**Participants:**

- 10:15 Kristi Ulrich, Bruce Moses and Steve Tomka—Rediscovery of the Alamo Acequia Madre  
 10:30 Antonio Padilla—Excavation Results of 41BX256  
 10:45 Steve A. Tomka, Kristi M. Ulrich and Jennifer Thompson—Early Archaic and Paleoindian Archaeological Deposits at 41BX1396, on the banks of the San Antonio River  
 11:00 Susan Snow and James Oliver—Continuity of Use and Community on the San Juan Acequia

- 11:15 Marybeth Tomka and Susan Snow—Recent Archeology at Rancho de las Cabras: Mission Ranch and More
- 11:30 Cynthia Munoz and Nathan Divito—Observations on a Paleoindian component on the San Antonio River at 41BX1888
- 11:45 Lori Barkwill Love and Steve A. Tomka—Who Made These Pots? Searching for the Origins of Goliad Ware from South Texas Missions

**[34] SYMPOSIUM ■ FORT ROSALIE: AN OUTPOST ON THE FRENCH COLONIAL FRONTIER**

**Room:** L-14 (CC)

**Time:** 10:30 AM–12:00 PM

**Organizer:** Meredith Hardy

**Chair:** Meredith Hardy

**Participants:**

- 10:30 John Cornelison—Fort Rosalie, Natchez, Mississippi – A site of conflict between cultures: The history, archeology, and future plans for this French Fort
- 10:45 Meredith Hardy—Hand to Mouth: A detailed examination of foodways on the French colonial frontier as shown at Fort Rosalie
- 11:00 Alexandra Parsons—French Subsistence and Animal Use at Historic Fort Rosalie
- 11:15 Jessica McNeil—Potsherds and Power: Early 18th Century French and Indian Interaction along the Natchez Bluffs
- 11:30 Michael Seibert—Fields of Conflict: Battle and military objects from the Fort Rosalie excavations and their implications
- 11:45 Lisa Marie Malischke—La Louisiane and the Illinois Country: Initial Observations on Variations in French Colonial Cultural Interactions

**[35] POSTER SESSION ■ ETHNOBOTANY AND PLANT USE**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 35-a Amanda Bailey—Floral Analysis of an Oneota feature and its implications
- 35-b Katharine Rainey, Karen Adams and Rein Vanderpot—Archaeobotanical Remains from the Mescal Wash Site, Southeastern Arizona
- 35-c Kelly Swarts, Feiyan Yan and Edward Buckler—A genetic comparison of 38 modern maize landraces from the southwestern US and northwestern Mexico
- 35-d Lana Martin—Cultivation and Consumption in Western Caribbean Panamá: Testing Hypotheses of Plant Food Use at Sitio Drago
- 35-e Jessica Stone, Scott Fitzpatrick and Scott Burnett—Paleodiet and nutrition at Grand Bay, Carriacou, West Indies
- 35-f Eleanor Kingwell-Banham, Dorian Fuller, Alison Weisskopf, Emma Harvey and Rabi Mohanty—The domestication and development of rice (*Oryza sativa*) in India. New results from Golbai Sasan, Orissa, East India
- 35-g Emily Shepard and Michael Morrison—The Archaeology of Wild Honey Production: Quantitative and Spatial Analysis of Culturally Modified Trees on Western Cape York Peninsula, Northeastern Australia
- 35-h Chantel White—Archaeobotanical Investigation of Food Storage Practices at the EBA Site of Numayra, Jordan

**[36] POSTER SESSION ■ MAPPING, GIS, GPS****Room:** Southwest Exhibit Hall (CC)**Time:** 10:30 AM–12:30 PM**Participants:**

- 36-a Erik Lash and Scott Fitzpatrick—Caribbean Online Radiocarbon Database for Archaeologists
- 36-b Brittany Walter and John Schultz—Mapping Dispersed Skeletal Remains in Obstructed Environments Using a Portable Differential Global Positioning System
- 36-c Kristina Solis—The Graveyard Shift: Spatial Analysis of South Texas Hunter-Gatherer Cemetery Sites
- 36-d Celia Goncalves, Joao Cascalheira and Nuno Bicho—Visibility studies on the Mesolithic of Muge valley (central Portugal)
- 36-e Maa-ling Chen—Movement of People and Its Cultural Reconstructions and Imagery Conceptualization Processes
- 36-f Kathryn Cross—Challenging Traditional Settlement Models: GIS Cost-Path Analysis and Hunter-Gatherer Mobility in the Virginia Blue Ridge
- 36-g Matthew Rowe and Jillian L. Kleiner—Revealing the path: using least-cost surface analysis to explore connections between the Black Mountain sheep trap and Late Prehistoric camp sites in northwestern Wyoming
- 36-h Andrew Clark and Jesse Casana—Rediscovering Archaeological Landscapes in the Middle Missouri
- 36-i Michael Pool—How Far Is Too Far? An Examination of the Early Mogollon Settlement System
- 36-j Brian McCray—Settlement Strategies and Trade in Northeastern Peru
- 36-k Paula Kay Lazrus—Is the Grass Always Greener? Searching for clues to social inequality through crop distribution in a Post-Medieval community
- 36-l Kisha Supernant—Tracing Spaces of Ethnogenesis: Exploring the rise of Métis identity in Canada, 1750-1900

**[37] POSTER SESSION ■ NEW GEOARCHAEOLOGICAL APPROACHES TO PALEOENVIRONMENTS AND SETTLEMENTS***(Sponsored by Geoarchaeological Interest Group)***Room:** Southwest Exhibit Hall (CC)**Time:** 10:30 AM–12:30 PM**Organizers:** Melissa Goodman-Elgar and Ed Hajic**Chair:** Melissa Goodman**Participants:**

- 37-a Ed Hajic, David Benn and Lowell Blikre—Factoring Contextual Time-Transgression into the Interpretation of Prehistoric Settlement Patterns
- 37-b Michael Aiuvlasit, Tim E. Riley, Joseph Schuldenrein and James C. Pritchard—Geoarchaeological and Palynological Evidence of Late Mississippian (Nodena Phase) Landscape Alternation along the Wapanocca Bayou, Arkansas, USA
- 37-c Lisa-Marie Shillito—Ecology of Crusading – geoarchaeological investigations of site formation processes and environmental change in the Medieval Baltic
- 37-d Nichole Bettencourt, Adam Rorabaugh and Colin Grier—Characterizing Crystalline Volcanic Rock (CVR) Deposits from Galiano Island, B.C., Canada: Implications for Lithic Material Procurement at the Dionisio Point

- Locality
- 37-e William Johnson, Alicia Mein, Kevin Dobbs and Gwen Macpherson—  
Landscape Setting Of Ancient Kariz Irrigation Systems In Southern  
Afghanistan
- 37-f Lorena Mihok and E. Christian Wells—Geochemical Prospection at Augusta,  
an 18th Century English Settlement on Roatan Island, Honduras
- 37-g Melissa Goodman and Nichole Bettencourt—What can WDXRF and pXRF  
contribute to studies of cultural sediments? An Andean case study
- 37-h Rachel Cajigas and Christopher Stevenson—Experimenting with Ceramic  
Rehydroxylation: Results and Applications of Soil Temperature Monitoring
- 37-i Laura Murphy and Rolfe Mandel—Paleoenvironmental reconstruction at the  
Beacon Island site, a Paleoindian bison kill in northwestern North Dakota
- 37-j Anne Skinner, Bonnie Blackwell, F. Mashriqi, Maxine Kleindienst and  
Jennifer Smith—ESR Dating Proxy Indicators for Water in Arid and Semi-arid  
Environments in the Middle East and North Africa
- 37-k Alex Nyers and Loren Davis—Establishing Early Chert Use with PXRF: A  
Case Study from the Cooper's Ferry Site
- 37-l Justin Holcomb and Loren Davis—Landscape Evolution and  
Geoarchaeology of Columbia River Plateau Alluvial Systems: Lessons and  
New Directions for Early Sites Research
- 37-m Jennifer Smith, Jonathan Lewis and Elena Garcea—Reconstructing Nile  
margin environments during the Holocene: Geoarchaeology at Sai Island,  
Sudan
- 37-n Sean Norman—Landscape Reconstruction of the Crystal River Site (8C11)
- 37-o Andrew Wreschnig, Fiona Marshall, Stanley Ambrose and Jennifer Smith—  
Pastoral Neolithic Settlements and the Formation of Nutrient Hotspots in  
Southwestern Kenya

**[38] POSTER SESSION ■ PALEOENVIRONMENTAL RESEARCH**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 38-a Nicole Arendt—Climate Friendly Archaeology: Sustainability and  
Archaeology at Sunset Crater Volcano, Walnut Canyon, and Wupatki  
National Monuments, Arizona
- 38-b Calla McNamee, Daniel C. Laughlin, Margaret M. Moore and Mitchel P.  
McClaran—Soil phytolith assemblages and historical quadrats: using  
phytolith analysis to investigate vegetation change in Arizona and New  
Mexico
- 38-c Lauren Milideo, Carl Falk, Holmes Semken and Russell Graham—  
Multivariate Analysis of a Late Holocene Faunal Transect Across the Forest-  
Prairie Ecotone
- 38-d Sarah Williams and John G. Jones—Palynological Investigation of the  
Johnston Site: Settlement and Environmental
- 38-e Katharine Horton, Michelle Glantz and Zhaken Taimagambetov—Piecing  
together the Paleoclimate of late Pleistocene Kazakhstan: pedologic  
analyses of Valikhanova and Maibulak
- 38-f Christopher Kiahtipes, Karen Lupo, Dave Schmitt, Jean-Paul Ndanga and  
Ray Lee—The Proof is in the Proxy: Termite Mounds, Archaeological  
Sediments, and Paleoenvironmental Research in the Northern Congo Basin

**[39] POSTER SESSION ■ PALEOENVIRONMENTAL STUDIES IN SOUTH AMERICA****Room:** Southwest Exhibit Hall (CC)**Time:** 10:30 AM–12:30 PM**Participants:**

- 39-a Jose Iriarte, Ruth Dickau, Francis Mayle and Bronwen Whitney—  
Differentiation of Neotropical Ecosystems by Modern Soil Phytoliths  
Assemblages and its Implications for Paleoenviromental and Archaeological  
Reconstruction
- 39-b Andrew Kowler and Patricio De Souza—Early and Middle Holocene  
Paleoenvironments and Human Occupation in the Atacaman Highlands
- 39-c Cassady Yoder and Jake Fox—Formative Period Diet and Subsistence in the  
South Andean Altiplano: New Evidence from Stable Isotope Analysis
- 39-d Kyle Stich, Gabriela Bertone, Giancarlo Marcone, Li Jing Na and Paula  
Esposito—A paleoethnobotanical analysis of Lote B, a Lima culture site on  
the central coast of Peru
- 39-e William Nanavati—Tragedy Averted: Imperial Conservation in the Andes

**[40] GENERAL SESSION ■ IROQUOIAN STUDIES****Room:** 205 (CC)**Time:** 10:45 AM–12:00 PM**Chair:** Jack Rossen**Participants:**

- 10:45 Bretton Giles and Timothy Knapp—A Mississippian Mace at Iroquoia's  
Southern Door
- 11:00 Jack Rossen—Myers Farm and the Early Cayuga Landscape of Central New  
York
- 11:15 Jennifer Birch—Precontact Northern Iroquoian Warfare and Emergent  
Political Complexity
- 11:30 Kathleen Allen and Samantha Sanft—Alternative economic activities at two  
sixteenth century Iroquoian sites: an analysis of lithic tools
- 11:45 William Engelbrecht—Rethinking Palisades in the Northeast: Evidence from  
the Eaton Site

**[41] SYMPOSIUM ■ SUBMERGED CAVE ARCHAEOLOGY: METHODS, THEORY, AND  
RECENT FINDINGS****Room:** Cotton Row (CC)**Time:** 10:45 AM–12:00 PM**Organizer:** Peter Campbell**Chair:** Peter Campbell**Participants:**

- 10:45 Peter Campbell—Ritual Use in Albanian Springs: Issues and Logistics of  
Underwater Cave Research in Albania
- 11:00 Dominique Rissolo, Pilar Luna Erreguerena, Alberto Nava Blank, James C.  
Chatters and Fabio Esteban Amador—The Hoyo Negro Project: Recent  
Investigations of a Submerged Late Pleistocene Cave Site in Quintana Roo,  
Mexico
- 11:15 Eli Crane, Christopher Begley and Laurence Hassebrook—Structuring Light  
in the Darkness: 3-D Imaging in Underwater Caves
- 11:30 Eduard Reinhardt, Peter van Hengstum and Jeremy Gabriel—Reconstructing  
groundwater salinity (potability?) using foraminifera and thecamobians in the



- 11:45 Ox Bel Ha and Aktun Ha cave systems, Quintana Roo, Mexico  
John Gifford, Steven Koski, Lee Newsom and Lauren Milideo—Excavations  
On The Little Salt Spring (8SO18) 27-Meter Ledge, 2008-2011

**[42] SYMPOSIUM ■ CULTURAL LANDSCAPES AS HISTORIC PROPERTIES. MANAGING  
NATIONAL GUARD BUREAU TRAINING LANDS WITHIN A BROADER SPATIAL  
CONTEXT.**

*(Sponsored by National Guard Bureau)*

**Room:** L-4 (CC)

**Time:** 11:00 AM–12:00 PM

**Organizer:** Jake Fruhlinger

**Chair:** Rebecca Klein

**Participants:**

- 11:00 Rita McCarty—Condition Survey and Assessment As An Initial Step In World  
War I Training Trench Preservation At The Camp Shelby Joint Forces  
Training Center, Camp Shelby, MS
- 11:15 Jake Fruhlinger and Samuel Smith—A landscape Approach to the  
Archaeology of the Orchard Training Area
- 11:30 Kristen Mt. Joy and Chantal McKenzie—In the Zone: Integrating the “Cultural  
Landscape” Approach in Management at Texas Army National Guard
- 11:45 Shaun Nelson, Ephriam Dickson and Jane Stone—Camp Floyd: Corner  
Stone of Utah's Military Cultural Landscape

**[43] GENERAL SESSION ■ PLAINS ARCHAEOLOGY**

**Room:** L-11 (CC)

**Time:** 11:00 AM–12:00 PM

**Chair:** Jesse Ballenger

**Participants:**

- 11:00 Julianne Tarabek—From Dart to Arrow: Transitions in Hunting Technologies  
in the Eastern Plains
- 11:15 Jon Lohse, Douglas J. Kennett, Brendan J. Culleton and Cinda L.  
Timperley—Middle-to-Late Holocene Bison Chronology and Ecology in the  
South-Central United States
- 11:30 Jesse Ballenger, M. Nieves Zedeno and D. Shane Miller—Horizontal  
Monumentality: The Architectural and Cultural Emplacement of Late  
Prehistoric Bison Drive Systems in the Northwestern Plains
- 11:45 Adrian Holzer—Gender Specific Violence at Crow Creek, South Dakota

## Thursday Afternoon ■ April 19, 2012

**[44] GENERAL SESSION ■ PAPERS ON EXPERIMENTAL ARCHAEOLOGY****Room:** Sultana (CC)**Time:** 1:00 PM - 2:00 PM**Chair:** Darlene Applegate**Participants:**

- 1:00 Joseph Wayman—Foot Cutters: A New Hypothesis For The Function Of Acheulian Bifaces And Related Lithics
- 1:15 R Hussey—Construction of the Top of the Egyptian Pyramids: An Experimental Test of a Levering Device
- 1:30 Reese Cook—Prehistoric Woodwinds: Experimental and Musical Scale Analysis of Flutes from the US Southwest
- 1:45 Darlene Applegate—Estimating Time Since Looting: Preliminary Results of a Forensic Archaeology Experiment

**[45] GENERAL SESSION ■ STUDIES SPANNING THE ARCHAIC AND WOODLAND PERIODS****Room:** L-4 (CC)**Time:** 1:00 PM - 2:15 PM**Chair:** Kandace Hollenbach**Participants:**

- 1:00 Jeremy Blazier, Guy Weaver and Anna Lunn—Refining Prehistoric Chronologies on the Buffalo River, Western Highland Rim, Tennessee
- 1:15 Kandace Hollenbach—Settlement and Subsistence Strategies in the Late Archaic and Early Woodland Periods in Tuckaleechee Cove, Eastern Tennessee
- 1:30 Kyle Mullen—A Debitage Analysis at Caesar's Palace, Harrison County, Indiana
- 1:45 Douglas Perrelli—Quarries and Camps: Raw Material Availability, Land Use and Lithic Technology in Western New York during the Archaic-Woodland Transition
- 2:00 Mary Bonhage-Freund, Leslie Branch-Raymer and Scot J. Keith—From Indiana to Georgia: Evidence of Significant Pre-Maize Gardening in the Lower Southeast

**[46] SYMPOSIUM ■ FROM SOURCE TO CENTER: RAW MATERIAL ACQUISITION AND TOOLSTONE DISTRIBUTIONS***(Sponsored by Prehistoric Quarries and Early Mines Interest Group, ArchæoLOGIC USA, LLC)***Room:** Mississippi (CC)**Time:** 1:00 PM - 2:30 PM**Organizer:** Anne Dowd**Chair:** Robert Elston**Participants:**

- 1:00 Daron Duke—Wasting Stone Instead of Time: A Look at the Exploded Basalt Quarries of the Desert West
- 1:15 David C. Harvey—A Cost Surface Analysis of Obsidian Utilization in the Wyoming Basin

- 1:30 Meeks Etchieson and Mary Beth Trubitt—Taking it to the River: Arkansas Novaculite Quarrying and Archaic Period Tool Production
- 1:45 Karen B. Supak—Where Beginning Meets End: Local Variation in Chert Procurement at Noah's Springs Cave, Fort Campbell, Kentucky.
- 2:00 Gabriel Cooney, Torben Ballin and Graeme Warren—Axes from islands: the role of stone axeheads from insular sources in the Neolithic of Ireland and Britain
- 2:15 Robert G. Elston—Discussant

**[47] SYMPOSIUM ■ COLOR IN THE AMERICAN SOUTHWEST, AD 1150-1600**  
**Room:** L-10 (CC)  
**Time:** 1:00 PM - 3:00 PM  
**Organizer:** Marit Munson  
**Chair:** Marit Munson

**Participants:**

- 1:00 Marit Munson—The material culture of pigments and paints in the Pueblo world
- 1:15 Kelley Hays-Gilpin—Black-on-white and Red All Over: Pottery and Mural Paintings in the Pueblo World
- 1:30 Polly Schaafsma—Complexities of Color Usage in Pueblo Rock Art
- 1:45 Laurie Webster—The Colors of Prehispanic Southwestern Dress
- 2:00 Scott Van Keuren—Going Red: Pueblo Pottery in the Late Pre-Hispanic Period
- 2:15 Kari Schleher—Colorful Glazewares: Use of Color on Northern Rio Grande Glaze Wares
- 2:30 Noah Thomas—Color and value in early colonial New Mexican mining and metallurgy
- 2:45 Stephen Plog—Discussant

**[48] FORUM ■ DEVELOPING STANDARDS FOR ETHICAL MANAGEMENT OF ARCHAEOLOGICAL COLLECTIONS**  
*(Sponsored by Committee on Museums, Collections, and Curation)*  
**Room:** L-13 (CC)  
**Time:** 1:00 PM - 3:00 PM  
**Organizer:** Patrick Lyons  
**Chair:** Mark Warner

**Participants:**

- Danielle Benden—Discussant
- Patrick Lyons—Discussant
- Terry Childs—Discussant
- Timothy Baumann—Discussant
- Lynne Sullivan—Discussant
- Chris Pulliam—Discussant
- Michael Trimble—Discussant
- Mark Warner—Discussant
- Richard Wilshusen—Discussant
- Ann Munns—Discussant
- Michael Polk—Discussant
- Giovanna Vitelli—Discussant

**[49] THE ETHICS BOWL**  
**Room:** L-3 (CC)  
**Time:** 1:00 PM–3:00 PM

**[50] SYMPOSIUM ■ MISSISSIPPIAN IN MISSISSIPPI: CHIEFLY POWER AND MONUMENTALITY IN THE NORTHERN YAZOO BASIN**  
**Room:** Ballroom E (CC)  
**Time:** 1:00 PM–3:00 PM  
**Organizers:** Jayur Mehta and Bryan Haley  
**Chair:** Bryan Haley

**Participants:**

1:00 Robbie Ethridge—The Rise and Fall of Late Mississippian Chiefdoms in the Mississippi Valley  
 1:15 Bryan Haley—Decoding Hollywood: Interpreting the Built Environment of a Mississippian Mound Center  
 1:30 Erin Nelson—Sacred Ash: Linking Community and Cosmos  
 1:45 Jayur Mehta and Rachel Stout-Evans—Nothing beside (earth) remains: Power and monumentality at the Carson Mounds site (22CO505/518), Coahoma County, Mississippi  
 2:00 Jenna James—Social Houses of the Dead at Carson Mounds, 22-Co-518, Coahoma County, Mississippi  
 2:15 Jay Johnson—Discussant  
 2:30 Ed Jackson—Discussant  
 2:45 Chris Rodning—Discussant

**[51] SYMPOSIUM ■ WHAT ROLE DID CHANGING TEMPERATURES PLAY IN THE SUCCESS OF NORTH AMERICAN FARMING SOCIETIES IN THE LAST PREHISPANIC MILLENNIUM?**  
**Room:** Cotton Row (CC)  
**Time:** 1:00 PM–3:00 PM  
**Organizer:** Tim Kohler  
**Chair:** R. Kyle Bocinsky

**Participants:**

1:00 Timothy Kohler and R. Kyle Bocinsky—Highly Variable Temperatures in the Northern Hemisphere over the Last Two Millennia: Reconstructions and Possible Effects on Native American Agricultural Systems  
 1:15 Scott Ortman—Precipitation, Temperature and Settlement in the Village Ecodynamics Project Study Areas  
 1:30 James Allison—Low-Frequency Temperature Variability and Native American Horticulture in the Northern Southwest and Eastern Great Basin  
 1:45 Douglas Bamforth and Mark D. Mitchell—Variable Horticultural Responses To Long-Term Temperature Change On The Great Plains  
 2:00 George Milner—The Contributions of Population Movement, Warfare, and Climatic Deterioration to the Late Prehistoric Depopulation of the American Midwest.  
 2:15 Dean Snow—Living on the Edge: The Limits of Northern Iroquoian Farming  
 2:30 William D'Andrea, Yongsong Huang, Sherilyn C. Fritz and N. John Anderson—The impact of past temperature change on societies of West Greenland: Evidence from a new paleoclimate proxy  
 2:45 Andrew Dugmore—Discussant

**[52] SYMPOSIUM ■ BEYOND THE IMPERIAL FRINGE: EXPERIENCING THE INCA EMPIRE FROM THE OUTSIDE**  
**Room:** L-2 (CC)  
**Time:** 1:00 PM–3:15 PM  
**Organizer:** Kevin Lane  
**Chair:** Kevin Lane

**Participants:**

1:00 Kevin Lane—Empires Edge: issues in the study of ancient trans-frontier communities  
1:15 Tamara Bray—At the Edge of Empire: A Comparative Look at Inca Pucaras and Imperial Practice around Tawantinsuyu  
1:30 Jacob Sauer and Tom Dillehay—Frontiers On-the-Move: A Meaning for Inca Influence in the Southern Araucania  
1:45 Veronica Williams—Social Landscape During INCA Dominion In Northwest Argentina  
2:00 J. Roberto Bárcena—Archaeology and ethnohistory of local populations and their relationship with Inka domination, along the extreme southeastern frontier of the Tawantinsuyu  
2:15 Matthew Warren and Sonia Alconini—Beyond the Southeastern Inka Frontier: Population Dynamics of Trans-border Guarani and Arawak Populations  
2:30 Sofia Chacaltana—Beyond Tacahuay Tambo/Pueblo. A local perspective of Inka imperial influence in coastal Colesuyo of the Southern Andes  
2:45 Patricia Netherly—Inka Internal Frontiers in Chimor  
3:00 Scotti Norman, Chad Gifford and Samuel Connell—Frontier Resistance to the Inka: the Cayambe Effects on Imperial Strategy

**[53] SYMPOSIUM ■ THE ARCHAEOLOGY AND LEGACY OF THE 1862 HOMESTEAD ACT AND RELATED USE OF THE GENERAL LAND OFFICE RECORDS FOR THE BUREAU OF LAND MANAGEMENT**  
**Room:** L-14 (CC)  
**Time:** 1:00 PM–3:15 PM  
**Organizers:** Margaret Heath and Robert King  
**Chair:** Margaret Heath

**Participants:**

1:00 Robert King—Homesteading in America 1862-1988: Its History and Archaeological Consequences  
1:15 Brooke Brown—The Gerber Family's Legacy in Southern Oregon  
1:30 Brenda Wilkinson—The Trail to the Rail: A Case History of Stock Driveway Designation Under the Stock Raising Homestead Act  
1:45 Sean Daugherty, Michael Papirtis and Cynthia Herhahn— Finding Good Land in the Malpais: the Role of Resources and Knowledge in Homestead Selection  
2:00 James Copeland—Old Stone Towers, Ranches, and Springs: The General Land Office Surveys  
2:15 Tamara Whitley—Elkhorn, Temblor and Bitter Water: Early Life on the Carrizo Plain  
2:30 Charlotte Hunter—Homesteads And Hucksters: How Federal Land Records Reveal All  
2:45 Margaret Heath—Challenges and Opportunities: Presenting the Homestead

- 3:00 Act and General Land Office Commemorations to the Public  
Robin Burgess—Discussant

**[54] SYMPOSIUM ■ INSIGHTS FROM SMALL STATE DYNAMICS AND SETTLEMENT PATTERNS: PAPERS IN HONOR OF BARBARA L. STARK**  
**Room:** Ballroom D (CC)  
**Time:** 1:00 PM–3:15 PM  
**Organizers:** L. Curet, Alanna Ossa and Nathan Wilson  
**Chairs:** Alanna Ossa and Nathan Wilson

**Participants:**

- 1:00 Nathan Wilson and Alanna Ossa—Interregional Interaction from a Gulf Coast Perspective: Revisiting Stark's Models  
 1:15 Destiny Crider, Deborah L. Nichols and Christopher Garraty—Inspired by Stark: Ceramic Exchange and the Postclassic Political Economy of the Teotihuacan Valley  
 1:30 Sarah Clayton—From Households to Markets: Neighborhood Socioeconomics at Teotihuacan  
 1:45 David Cheetham—Canton Corralito: An Early Olmec Colony in Global Perspective  
 2:00 Tatsuya Murakami—Reevaluating Teotihuacan's Interregional Interaction: A View from the Core  
 2:15 Michael Ohnersorgen—Interaction and Exchange in West Mexico's Postclassic Aztatlán Tradition  
 2:30 Christopher Pool—Discussant  
 2:45 Barbara Voorhies—Discussant  
 3:00 Krista Eschbach—Social Clustering in Spanish Colonial Urban Environments

**[55] SYMPOSIUM ■ STONES, BONES, AND PROFILES II: CELEBRATING THE CONTRIBUTIONS OF GEORGE C. FRISON AND C. VANCE HAYNES**  
**Room:** Steamboat (CC)  
**Time:** 1:00 PM–3:45 PM  
**Organizer:** Marcel Kornfeld  
**Chair:** Bruce Huckell

**Participants:**

- 1:00 Barbara Purdy—The Mammoth Engraving from Vero Beach, Florida: Ancient or Recent?  
 1:15 Ruthann Knudson—Oblique Paleoindian: Alder, Angostura, Black Rock, Browns Valley, Frederick, James Allen, Lusk  
 1:30 Lupita Guadalupe-Sanchez and John Carpenter—Vance Haynes and his contributions to the study of the first Americans in Mexico  
 1:45 Juliet Morrow—Clovis and other fluted point complexes in the Midcontinent  
 2:00 Eileen Johnson and Patrick J. Lewis—Bison by the numbers – late Quaternary geochronology and bison evolution on the Southern Plains  
 2:15 Break  
 2:30 Leland Bement and Brian Carter—Folsom Bison Hunting on the Southern Plains of North America  
 2:45 Jack Brink—Stone drive lane construction and communal hunting strategies at the Ross Buffalo Jump, southern Alberta, Canada  
 3:00 Alan Outram, Adrien L. Hannus, Richard Evershed and Landon Karr—Understanding Organic and Inorganic Trade in the Initial Middle Missouri: A

- Case Study from the Mitchell Prehistoric Indian Village  
3:15 Harold Dibble—Discussant  
3:30 Larry Agenbroad—Discussant

**[56] SYMPOSIUM ■ ANSWERING PSEUDOARCHAEOLOGY: PROACTIVE DIALOGUE AND RESEARCH IN RESPONSE TO EXTRAORDINARY POPULAR AND ESOTERIC ARCHAEOLOGICAL CLAIMS**  
**Room:** L-7 (CC) (entrance through L-9)  
**Time:** 1:00 PM–4:00 PM  
**Organizer:** David Anderson  
**Chair:** Jeb J. Card

**Participants:**

- 1:00 David Anderson and Jeb J. Card—The Varieties of Pseudoarchaeology  
1:15 Christopher Begley—The White City of the Mosquito Coast: What the Legend Says about Ancient and Modern Honduras  
1:30 Tera Pruitt—The Politics and Performance of Pseudo-Pyramids  
1:45 Kenneth Feder, Sonja Atalay, Terry Barnhart, Deborah Bolnick and Brad Lepper—Lessons Learned from "Lost Civilizations"  
2:00 Denis Gojak—Reacting to pseudoarchaeology in real time - the Central Australian Face  
2:15 Diane Davies—Out with the Old and in with the New: A Consideration of New Age Archaeology  
2:30 Abigail Seldin—Archaeology and the Religious Sphere: New Heritage Issues at the Los Lunas Mystery Stone in New Mexico  
2:45 Markus Eberl—Forgeries and systems of scientific knowledge. Identifying a forged manuscript on early Colonial Maya  
3:00 Evan Parker—The proliferation of pseudoarchaeology through "reality" television programming  
3:15 Robert Tykot—Teaching Critical Thinking about Pseudoarchaeology to College Students  
3:30 Eric Cline—Raiders of the Faux Ark: Pseudo-Archaeology and the Bible  
3:45 Kenneth Feder—Discussant

**[57] SYMPOSIUM ■ THE "NETWORKED" FEAST**  
**Room:** L-5 (CC)  
**Time:** 1:00 PM – 3:45 PM  
**Organizers:** Janling Fu and Jeffrey Dobereiner  
**Chairs:** Janling Fu and Jeffrey Dobereiner

**Participants:**

- 1:00 Janling Fu and Jeffrey Dobereiner—Networking the Feast: Theoretical and Methodological Perspectives in Archaeology  
1:15 Max Price—Questioning the Feast: Inherent Ambiguities in Detecting Feasts  
1:30 Alexandre Tokovinine—"It is his image with pulque": drinks, gifts, and Classic Maya political networking  
1:45 Molly Fierer-Donaldson—Eating with the Dead: Mortuary Feasting at Classic Period Copan, Honduras  
2:00 Ksenija Borojevic—Exploring the role of and evidence for plants in feasting models in the Neolithic of Southeast Europe  
2:15 James Osborne—Feasting Scenes from the Near Eastern Iron Age: Cultural Insights from Elite Feasting Practices in the Syro-Anatolian City-State

- 2:30 Andrew Johnston—Public Feasting and Community Formation in the Western Roman Provinces
- 2:45 Larissa Smith and Laura Junker—Feasting Across Social Boundaries in the Pre-hispanic and Recent Philippines
- 3:00 Katrinka Reinhart—Feasts and Ancestral Offerings: Social Networking in Early China
- 3:15 Monica Smith—Networks of provision, networks of disposition: The potential for "feast failure"
- 3:30 Barbara Mills—Discussant

**[58] SYMPOSIUM ■ INTERDISCIPLINE FOR THE PAST: ARCHAEOMETRICAL STUDIES IN MESOAMERICA**

**Room:** L-6 (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Hector Hernandez and Lilia Fernandez

**Chair:** Mario Zimmermann

**Participants:**

- 1:00 Judith Gallegos, Manuel Acosta Alejandro, Ricardo Armijo Torres, Susana Chavez Cruz and Leydi Gomez Martinez—La Alfareria De Comalcalco Y Jonuta: Un Analisis Arqueometrico Interdisciplinario
- 1:15 Maria Luisa Vazquez, Linda Manzanilla, Cristina Vidal Lorenzo and Maria Teresa Domenech—Cosmetic Materials Discovered in the Burials of Teopancazco, Teotihuacan
- 1:30 Socorro Jimenez and Luis Lobando—Uso y distribución de los vidrios volcánicos en las cerámicas de la Costa de Campeche y Yucatán
- 1:45 Geiser G. Martín Medina, Lourdes Toscano Hernandez, Víctor Manuel Ramirez Valencia, Arturo Ismael Victoria Pérez and Oscar Enrique Herrera Gorocica—Dispositivos Gns Y Su Aplicación En Arqueología: Resultados Obtenidos En El Salvamento Arqueologico Tixcatal
- 2:00 Zach Larsen, Richard Terry and Scott Hutson—Geochemical analysis of household activity areas and ancient maize agriculture at Uci, Yucatan
- 2:15 James Burton, T. Douglas Price and William S. Folan—Measuring Mobility in Mesoamerica
- 2:30 Mario Zimmermann, Luis R. Pantoja Díaz and Carlos Matos—Chemical approaches to specific archaeological contexts: burials, offerings and deposits
- 2:45 Trent Stockton, T. Kam Manahan and Traci Ardren—Patterns of Variability in Slateware Pottery at Ancient Xuenkal: Implications for Archaeological Interpretation
- 3:00 Hector Hernandez, Mario Zimmermann and Lilia Fernandez Souza—Archaeological and Chemical Activity Residues on House Lots from Hacienda San Pedro Cholul, Yucatan, Mexico
- 3:15 Lilia Fernandez, Mario Zimmermann and Lourdes Toscano Hernandez—En busca de las cocinas reales. La Estructura 1C de Kabah, Yucatan
- 3:30 Rosario Dominguez, Eric Reyes, Efraín Rubio and William J. Folan—Characterization Of Ceramic From Oxpemul, Campeche: Their Cultural Ties Among The Mayan Of The Regional States Of Rio Bec And Calakmul
- 3:45 Cristina Lorenzo, Gaspar Muñoz Cosme and María Luisa Vázquez de Ágredos Pascual—The Malaquite Pigment Employed By La Blanca Painters To Decorate The Monumental Architecture Of The Site
- 4:00 Douglas Price—Discussant



**[59] SYMPOSIUM ■ UNIQUE MORTUARY RITES: INTERPRETATIVE CHALLENGES AND OPPORTUNITIES FOR NON-MODAL FUNERARY PRACTICES**

**Room:** Ballroom C (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Maureen Marshall and Maria Lozada

**Chair:** Gordon Rakita

**Participants:**

- 1:00 Barra O'Donnabhain and Katherine Beatty—About Face: a 'careless' burial from Knowth, Ireland
- 1:15 Katy Meyers—Co-Occurrence of Cremation and Inhumation in Cemeteries: A Case Study at Isola Sacra, Italy.
- 1:30 Royal Ghazal, Maureen Marshall and Olivia Munoz—Mortuary Rites Beyond the Grave: Interpretive Challenges in Burials from Early Bronze Age Eastern Arabia and Late Bronze Age Armenia
- 1:45 Anne Porter—Uniquely Typical: Mounds, Mausolea and Merchandise in Middle Euphrates Mortuary Practices
- 2:00 Maria Lozada, Kelly Knudson, Amelia Baxter-Stolzfus, George Groh and Ran Boytner—Multiple Lives, Multiple Interpretations: The Ossuary Of Carora
- 2:15 Christina Conlee—The Role of Atypical Mortuary Practices in Understanding Life and Death in Nasca, Peru
- 2:30 Tiffany Tung and Anita Cook—Fetus Burials in the Wari Empire of the Ancient Andes
- 2:45 Vera Tiesler—What is "Deviant"? Meanings and Archaeological Expressions of Ancient Maya Funerary Behaviors
- 3:00 Sharon Wester Davis—Working Beyond the Mode: Mortuary Practices at Salmon Ruin.
- 3:15 Cheryl Claassen—Exploring Mortuary Variability during the Archaic of the Eastern United States—Comments on Position and Place
- 3:30 Jane Buikstra, Douglas Charles and Jason King—Don't Forget the Outliers: Lessons from James A. Brown
- 3:45 Aubrey Cannon—Discussant
- 4:00 James Brown—Discussant

**[60] SYMPOSIUM ■ BIOARCHAEOLOGY OF ASIA**

**Room:** Chickasaw (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Ekaterina Pechenkina and Sian Halcrow

**Chair:** Sian Halcrow

**Participants:**

- 1:00 Gwen Robbins—Peaceful for whom? Bioarchaeological perspectives on violence and subjectivity in the Indus Civilization
- 1:15 Daniel Temple and Soichiro Kusaka—Behavioral and biological responses of Jomon people to climate change
- 1:30 Michelle Machicek—Highlighting Variation in Nomadic Pastoralist Subsistence Regimes from the Inner Asian Steppes
- 1:45 Yu Dong, Stanley Ambrose, Fengshi Luan, Liugen Lin and Mingkui Gao—Food Choices and Social Stratification in Late Neolithic Northern China
- 2:00 Ekaterina Pechenkina, Lei Sun and Xiaolin Ma—Bioarchaeological perspectives on Yanghsao/Dawenkou interaction on the Central Plains of China

- 2:15 Anne Pike-Tay, Xiaolin Ma, Minghao Lin, Kate Czechowski and Veronica Peterson—'You are what you eat': New evidence for pig domestication in Henan, China
- 2:30 John Krigbaum and Tianlong Jiao—Stable Isotope Ratio Analysis at the Neolithic Tanshishan Site in Southeast China (Fujian Province)
- 2:45 Adam Lauer, Guoping Sun and Tianlong Jiao—An Oral Health Assessment of Early and Middle Neolithic South China and Taiwan
- 3:00 Chin-hsin Liu and John Krigbaum—Human lifeways of Metal Age central Thailand: a bioarchaeological assessment
- 3:15 Marc Oxenham and Hirofumi Matsumura—Social Identity, Group Membership and Tooth Ablation in Neolithic Man Bac, Vietnam
- 3:30 Sian Halcrow, Nathaniel Harris, Nancy Tayles and Rona Ikehara-Quebral—From the mouths of babes: dental caries in infants and children and the intensification of agriculture in mainland Southeast Asia.
- 3:45 Anna Willis and Marc Oxenham—Oral health at An Son
- 4:00 Rona Ikehara-Quebral—Early Historic Inhabitants of Vat Komnou, Angkor Borei, Southern Cambodia: A Bioarchaeological Assessment of Health

**[61] SYMPOSIUM ■ CURRENT TRENDS IN BELIZEAN ARCHAEOLOGY****Room:** L-12 (CC)**Time:** 1:00 PM–4:45 PM**Organizers:** William Stemp and Sonja Schwake**Chairs:** Sonja Schwake and William Stemp**Participants:**

- 1:00 Fred Valdez—Two Decades of Research Among the Ancient Maya of Northwest Belize
- 1:15 Brett Houk and Gregory Zaro—The Cities on the Edge of History
- 1:30 Lindsey Moats, Gregory Zaro and Brett A. Houk—The La Milpa Terminal Classic Project: 2011 Investigations of Terminal Classic Construction and Surface Deposits at Courtyard 100
- 1:45 Alec McLellan—Settlement Survey at the Ancient Maya Site of Ka'Kabish in Northern Belize
- 2:00 James Aimers—X-Ray Fluorescence Analysis of Postclassic Pottery From the sites of Tipu and San Pedro, Belize.
- 2:15 Scott Simmons, Elizabeth Graham, Jim Aimers, Isabel Median Gonzalez and Linda Howie—Update on Recent Research at Marco Gonzalez and Lamanai, Belize
- 2:30 Gyles Iannone—Transdisciplinary Research in Belize's North Vaca Plateau
- 2:45 Esther Beauregard and Gyles Iannone—Explaining Middle Level Settlement Variability in the Ancient Maya World
- 3:00 Sonja Schwake, Gyles Iannone, Kendall Hills and Esther Beauregard—Preliminary Investigations at the Minor Center of Martinez, Cayo District, Belize.
- 3:15 Kathryn Brown—Preclassic Ritual Practices and Place Making at Xunantunich, Belize
- 3:30 Meaghan Peuramaki-Brown, W. James Stemp and Tristan Carter—Green Obsidian Circulation and Consumption Among the Ancient Maya of Belize
- 3:45 Emma Koenig—Rubbish and Ritual: Identifying the changing political landscape at the site of Aguacate, Spanish Lookout, Belize
- 4:00 Eric Fries, Andrew Kindon and John Morris—We're Going To Need A Bigger

- Survey Area: Rural Maya Centers of Western Belize
- 4:15 Carolyn Freiwald and Stanley Ambrose—Childhood and adult diet of the Classic Maya: exploring dietary differences at the regional, household, and individual level using carbon, oxygen, and nitrogen isotope values
- 4:30 Mikael Fauvelle and Geoffrey Braswell—Political Integration in Southern Belize: A Perspective from the Ceramic Economies of Nim li Punit and Lubaantun

**[62] GENERAL SESSION ■ MEXICAN ARCHAEOLOGY**

**Room:** River Bluff (CC)

**Time:** 1:00 PM–4:30 PM

**Chair:** Susan Gillespie

**Participants:**

- 1:00 Susan Gillespie—The Architectural Unity and History of Complex A, La Venta, Mexico
- 1:15 J. Heath Anderson—Collapse and Regeneration in the Tula Area: What Do We Know? What Would We Like to Know? How Do We Find Out?
- 1:30 Emily McClung De Tapia, Carmen Cristina Adriano-Morán and Emilio Ibarra Morales—Prehispanic Vegetation and Environment in the Teotihuacan Valley, Mexico
- 1:45 Meggan Bullock Kreger, Lourdes Marquez Morfin and Patricia Hernandez Espinoza—Life and Death in the Chinampas of Xochimilco: Mortality in the Postclassic Population of San Gregorio Atlapulco
- 2:00 Edson Chavez Granados—Marcas por Estrés Ocupacional en Jugadores de Pelota Mixteca
- 2:15 Ruth Fauman-Fichman—Affiliation and Variability in Postclassic Rural Tlaxcala
- 2:30 Verence Heredia Espinoza— Beyond the Teuchitlán polity: Late Classic and Postclassic sociopolitical developments in the central valleys of Jalisco
- 2:45 Loni Kantor—Movement and Landscape among the Huichol of Jalisco, Mexico
- 3:00 Diana Zaragoza—A glimpse over Caecilie and Eduard Seler in the Huasteca region
- 3:15 Garth Norman—Izapa Precession and 2012: Calendars, Origins, and Diffusion
- 3:30 Robert Rosenswig, Ricardo López-Torrijos, Caroline Antoneli and Rebecca Mendelsohn—LiDAR and Surface Survey of Izapa, Mexico
- 3:45 Juliana Novic—Class clustering in the neighborhoods of Calixtlahuaca, Mexico
- 4:00 Willem VanEssendelft—Deciphering the Aztec Tizoc Stone: A GIS and Epigraphic analysis
- 4:15 John Millhauser—A consideration of the social value of salt production: a view from Aztec and Colonial Mexico

**[63] GENERAL SESSION ■ NEAR EAST AND EUROPE, EPIPALEOLITHIC THROUGH CHALCOLITHIC****Room:** 204 (CC)**Time:** 1:00 PM–5:00 PM**Chair:** Daniella Bar-Yosef**Participants:**

- 1:00 Monica Nicolaides—Rooting out the Grasses in the Early Epipaleolithic: Preliminary Microbotanical Results from the Eastern Levant
- 1:15 Colleen Bell—Hafting Techniques in Southern Jordan: An Analysis of Natufian Lunates
- 1:30 Bastien Varoutsikos—Obsidian distribution in the Neolithization of the Near East: a GIS perspective
- 1:45 Alan Simmons—The First Cypriot Villagers: the Case from Ais Giorkis, a Unique Early Neolithic Upland Site
- 2:00 Theresa Barket—Recycling Behavior in the Flaked-Stone Assemblage of Neolithic 'Ain Ghazal
- 2:15 Daniella Bar-Yosef—Mollusc shell research at Çatalhöyük, Turkey
- 2:30 William Carleton, James Conolly and Mark Collard—Modeling the depopulation of the East Mound at Catalhoyuk
- 2:45 Danny Rosenberg, Ron Shimelmitz and Tatjana, M. Gluhak—Basalt Bifacial Production and distribution in the southern Levant – Giv'at Kipod, Israel as a Case Study
- 3:00 Break
- 3:15 Tatjana Gluhak and Danny Rosenberg—Provenance determinations of prehistoric basalt ground stone tools in the southern Levant: A geochemical-mineralogical perspective and a case study from Giv'at Kipod, Israel
- 3:30 Timothy Matney—Rethinking Cheshmeh Ali and Late Neolithic/Chalcolithic Village Life in Northern Iran
- 3:45 Danielle Riebe—Prehistoric Interactions: Identifying Regional Variation in Late Neolithic Ceramics from the Great Hungarian Plain
- 4:00 Marvin Kay, Ivan Gatsov and Petranka Nedelcheva—Stylistic and functional study of lithic and bronze tools from later prehistory in Eastern Balkans
- 4:15 Austin Hill—Surplus production and uneven distribution: Subsistence at Chalcolithic Tel Tsaf, Israel
- 4:30 Mike Freikman—Ritual burial of houses: case study of Golan Chalcolithic culture.
- 4:45 Philip Graham—Archaeobotanical Remains from Ubaid Period Kenan Tepe, Southeastern Turkey

**[64] GENERAL SESSION ■ PAPERS ON ARCHAEOLOGICAL METHODS****Room:** 203 (CC)**Time:** 1:45 PM–5:00 PM**Chair:** Mary Malainey**Participants:**

- 1:45 Andrew Dufton, Guy Hunt and Jessica Ogden—Reflexivity in context: the role of new data technologies in a theoretically informed field practice
- 2:00 Ryan Szymanski and Craig Morris—Imaging of Carbonized Wheat Endosperm Using Field Emission Scanning Electron Microscopy: Archaeological Applications
- 2:15 Simen Oestmo—Digital Imaging Technology and Experimental Archaeology:

- Steps toward the Development of a Methodological Framework for the Identification and Interpretation of Fire Modified Rock (FMR)
- 2:30 Frank Raslich—Testing Applications of LA-ICP-MS in Lithic Analysis
- 2:45 Lindsay Bloch—Waste Not: Chemical Characterization of Historic Coarse Earthenware Wasters from North Carolina Kilns
- 3:00 Seth Schneider and Jessica R. Miller—Cultural Interaction in the Western Great Lakes: A Compositional Analysis of Oneota Pottery in Wisconsin and Michigan
- 3:15 Break
- 3:30 Anya Frashuer, Christopher Carr and Michael D. Glascock—Clay Selection in Scioto Valley, Ohio Woodland Vessel Production
- 3:45 Matthew Kerr and Eleanora Reber—The Brunswick Town – Fort Anderson Project: A Baseline Analysis of Absorbed Pottery Residues from 31BW376\*\*12
- 4:00 Mary Malainey and Timothy Figol—Functional Analysis of Partially Reconstructed Vessels from Western Canada
- 4:15 Jesse Casana, Jackson Cothren and Tuna Kalayci—Settlement Systems in the Northern Fertile Crescent: Results of the Corona Imagery Atlas Project
- 4:30 Ash Scheder Black—Visualizing archaeological datasets in the context of past environments.
- 4:45 John Turck, Victor D. Thompson and Alex Cherkinsky—Considering Context and Sample Selection along the Georgia Coast: Implications for Radiocarbon Dating Methods in Archaeological Settings

**[65] GENERAL SESSION ■ CONTRIBUTIONS IN PUBLIC EDUCATION AND OUTREACH**  
**Room:** 205 (CC)  
**Time:** 2:00 PM–4:45 PM  
**Chair:** Brad Lieb

**Participants:**

- 2:00 Brad Lieb—Preservation, Research, and Public Outreach in the Chickasaw Nation Division of History and Culture
- 2:15 Benjamin Steere and Russell Townsend—Collaborative Cherokee Archaeology: The Western North Carolina Mounds and Towns Project
- 2:30 Jeffrey Stvan—A Storied History: Transformation in Museum Narratives
- 2:45 Ruth Jolie, Gwendolyn Saul and Clarence Cruz—Elements of the earth: Using museum collections to revitalize pottery traditions at Ohkay Owingeh Pueblo.
- 3:00 Stacy Drake—Making History Important Again: Finding Ways to Reincorporate Archaeology into American Public Education
- 3:15 Cassandra Harper—Introducing the ARCHAEO Cart: Archaeological Education on the Go
- 3:30 Break
- 3:45 Emily Long—Kids and Digs: Promoting Archaeology Education on the Coconino National Forest
- 4:00 Victor Fisher—Employing contrasts in teaching "Environmental Archaeology"
- 4:15 Marta Sobur—Near Eastern Archaeology in Popular Film.
- 4:30 Jeffrey Stup—Practicing Archaeology in Romania: Adapting to different methods

- [66] SYMPOSIUM ■ AN INCONSTANT LANDSCAPE: ARCHAEOLOGICAL INVESTIGATIONS AT EL ZOTZ, GUATEMALA**  
**Room:** L-11 (CC)  
**Time:** 2:15 PM–5:00 PM  
**Organizers:** Thomas Garrison and Stephen Houston  
**Chair:** Thomas Garrison

**Participants:**

- 2:15 Stephen Houston, Thomas Garrison and Edwin Roman—A Fortress in Heaven: Long-Term Regional Research at the Maya City of El Zotz, Guatemala
- 2:30 James Doyle and Rony Piedrasanta—The Preclassic Maya, Sui Generis: New Evidence from the Buenavista Valley, Petén, Guatemala
- 2:45 Edwin Roman, Stephen Houston and Thomas Garrison—Ruling from a defensive landscape: The rise of an Early Classic dynasty at El Zotz and its vicinity.
- 3:00 Nicholas Carter, Yeny Gutiérrez Castillo, Sarah Newman and Kate Blankenship—Power on the Periphery: The Late Classic Period at El Zotz, Petén, Guatemala
- 3:15 Sarah Newman, Jose Luis Garrido and Nicholas Carter—It Ain't Over 'til It's Over: The Terminal Classic at El Zotz, Guatemala
- 3:30 Melanie Kingsley and Laura Gamez—In the Wake of Collapse: The Early Postclassic Period at El Zotz, Guatemala
- 3:45 Jonathan Flood, Tim Beach, Sheryl Luzzadder-Beach, Steve Houston and Tom Garrison—Paleoecology at Zotz and its Surroundings
- 4:00 Ewa Czapiewska—Understanding social, economic and political change: The analysis of ceramics from El Zotz
- 4:15 Zachary Hruby—The Evolution of Lithic Technologies and Ancient Maya
- 4:30 Thomas Garrison, Stephen Houston and Edwin Román—Moving Outside the Fortress: Future Directions at El Zotz
- 4:45 Nicholas Dunning—Discussant

- [67] POSTER SESSION ■ HISTORICAL ARCHAEOLOGY OF NORTH AMERICA**  
**Room:** Southwest Exhibit Hall (CC)  
**Time:** 2:30 PM–4:30 PM

**Participants:**

- 67-a Siobhan Hart and Daniel Lynch—Material Transitions on a Human Scale: Investigations of 17th century Pocumtuck Life in Deerfield, Massachusetts
- 67-b William Farley—Native and Euroamerican Subsistence Strategies in Nineteenth Century Southeastern Connecticut
- 67-c John Doershuk, Joe Artz, William Whittaker and Cynthia Peterson—The Archaeological Context of the Original Fort Madison Battlefield and Black Hawk's Ravine (13LE10)
- 67-d Karen Smith, Sara Bon-Harper, Derek Wheeler and Fraser Neiman—Non-Site Survey on Monticello Mountain
- 67-e Jillian Galle, Leslie Cooper and Jesse Sawyer—Building a chronology for domestic slave sites at The Hermitage.
- 67-f Angelina Perrotti, John G. Jones and Sara Bon-Harper—Landscape Dynamics and Historical Settlement: Palynology and Erosion on a Slave-Occupied Domestic Site
- 67-g Kaitlyn Moore—"Decolonizing" Culture Contact: Indigenous Archaeology and

- Self-Determination
- 67-h Thomas Foster—Apalachicola Ecosystems Project: Investigations of Resilience and Adaptation in a Seventeenth to Eighteenth Century Muscogee Creek Community
- 67-i Nicholas Laluk, Mark Altaha, Mae Burnette and Jose Alvarez—Searching for Turkey Creek: The 2011 Chiricahua Apache Turkey Creek Reservation Survey
- 67-j Jeremy Pye—Lice, Lice Combs, and Human History
- 67-k Tatianna Menocal and Lauren W. Falvey—Evidence of Historic Wooden Footwear in Southern Nevada
- 67-l Lisa Baldwin—Tracing a Monument's History: Incorporating Historic Inscriptions into the Ruins Preservation Program at Walnut Canyon National Monument
- 67-m Andrew Webster and Mark R. Schurr—Slicing through Our Past: Knives and Other Tableware at the Collier Lodge Site

**[68] POSTER SESSION ■ LA RECONNAISSANCE: ARCHAEOLOGY IN TRINIDAD'S NORTHERN RANGE**  
**Room:** Southwest Exhibit Hall (CC)  
**Time:** 2:30 PM–4:30 PM  
**Organizer:** Marcie Venter  
**Chair:** Marcie Venter

**Participants:**

- 68-a Neal Lopinot—The La Reconnaissance Site, a Prehistoric Village in the Trinidad Interior
- 68-b Jack Ray—Chert Hill: A Previously Undocumented High-Quality Chert Source in the Central Range of Trinidad
- 68-c Marcie Venter, Jeffrey R. Ferguson and Michael D. Glascock—Ceramic Production and Caribbean Interaction: A View from Trinidad's Northern Range

**[69] POSTER SESSION ■ NEW VOICES HEARD: CONTEMPORARY STUDIES IN AFRICAN, AFRICAN AMERICAN, AND APACHE ARCHAEOLOGY**  
**Room:** Southwest Exhibit Hall (CC)  
**Time:** 2:30 PM–4:30 PM  
**Organizer:** Eleanor King  
**Chair:** Eleanor King

**Participants:**

- 69-a Alexis Morris and Mandisa Thomas— Identification of Apache Sites in the Black Range of New Mexico Through Botanical Remains
- 69-b Karina Montez and Kathrina Aben—A Comparison of Defensive Structures at Sacred Sites in New Mexico and Arizona
- 69-c Shayla Monroe—More Precious Than Money: Common Cents at L'Hermitage Plantation
- 69-d Antoinette West—The Voice Of New Philadelphia: Reconstructing The General Store
- 69-e Mia Carey—Unearthing a Hidden Past: Health & Environment for Nicodemus
- 69-f Angela Jaillet—Restructuring Freedom: Archaeological Investigation and Landscape Analysis of Pandemonium

**[70] POSTER SESSION ■ RESEARCH ON THE MAYA****Room:** Southwest Exhibit Hall (CC)**Time:** 2:30 PM–4:30 PM**Participants:**

- 70-a John Jones—Pollen Evidence for Human Settlement in Belize: Agriculture and the Environment
- 70-b Erin Thornton, Kitty Emery, Camilla Speller, Ray Matheny and Dongya Yang—Earliest Mexican turkey (*Meleagris gallopavo*) in the Maya region found at Preclassic El Mirador
- 70-c Caroline Antonelli and Cuauhtémoc Vidal Guzmán—Iguana Management at Mayapan
- 70-d Gail Hammond, Samantha Krause, Lars Kotthoff and Thomas Guderjan—Continuing research using landscape archaeology and GIS at Nojol Nah, Belize
- 70-e Lars Kotthoff and Thomas Guderjan—An interactive Atlas of Maya Sites
- 70-f Kyle Ports—Jungle Surveying: Field Methodology
- 70-g Lisa LeCount and Chester P. Walker—Finding the Invisible Maya: Geophysical Survey at Actuncan, Belize
- 70-h Sarah Boudreaux and Marisol Cortes-Rincon, PhD—A Hinterland Inquiry on the Dos Hombres to Gran Cacao Archaeological Project
- 70-i Michael Brennan, Eleanor King and Leslie Shaw—Preliminary geochemical assessment of limestone resources and stone use at the Maya site of Maax Na, northwestern Belize
- 70-j Claire Ebert, Douglas J. Kennett and Keith M. Prufer—Household Group Variation at the Classic Period Maya Site of Uxbenká, Belize
- 70-k Rachel Egan—The Center and the Portal: New Perspectives on the Quatrefoil in Classic Maya Iconography
- 70-l Rafael Guerra and Jaime Awe—Recent Excavations at the Ancient Maya City of Lower Dover: implications for settlement dynamics in the Belize Valley
- 70-m Sherman Horn—A New Spin on the Old Shell Game: Middle Preclassic Marine Shell and Socioeconomic Networks in the Maya Lowlands
- 70-n Lisa Lomitola, Arlen Chase and Diane Chase—Ritual Use of the Human Form: A Contextual Analysis of "Charlie Chaplin" figurines
- 70-o David Maxwell—Temporal Patterning in Stingray Spine Use in Caches and Problematical Deposits from Tikal
- 70-p Jessica Munson and Takeshi Inomata—Building chronologies and constructing temples: Correlating Preclassic Maya architectural sequences with multivariate techniques
- 70-q Andras Nagy and Anthony Tamberino—Landscape Modification and Water Management at Corriental Reservoir, Tikal
- 70-r Lindsay Robinson and Laura Villamil—Investigation of Ceramic Deposits in Relation to Architectural Features at Margarita, Quintana Roo, Mexico
- 70-s Jillian Jordan and Keith M. Prufer—Preliminary Ceramic Analysis and Chronology Building at Uxbenka, Belize
- 70-t Sara Shults—Uncovering Ancient Maya Exchange Networks: Using the distributional approach to interpret obsidian exchange at Actuncan, Belize
- 70-u Amy Thompson and Keith M. Prufer—Changing Spaces: Shifts in Functionality of Elite Residential Groups at Uxbenká, Toledo District, Belize



**[71] POSTER SESSION ■ STUDIES IN MESOAMERICAN ARCHAEOLOGY**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 71-a Rosemary Lieske—History of Izapa Group B: Monuments, Offerings, and Burials
- 71-b Kristin Nado, Natalya Zolotova and Kelly Knudson—Diet and Socioeconomic Status at Teotihuacan, Mexico: Preliminary Indications from Stable Carbon and Nitrogen Isotopes
- 71-c Amy Schott—Depositional Environment and Site Formation Processes at La Playa, an Early Agricultural Site in Sonora, Mexico
- 71-d Christopher Schwartz, Robin Cleland and Ben A. Nelson—Fauna as Ideology: Exploring Ritual Practices through Faunal Analysis at La Quemada, Zacatecas
- 71-e Wesley Stoner—The Cipactli Cult Of Totocapan: Strategies Of Politico-Ritual Control In The Classic Period Tuxtla Mountains, Southern Veracruz, Mexico
- 71-f Alyson Thibodeau, Leonardo López Luján, Joaquin Ruiz, John Chesley and Giacomo Chiari—The source of turquoise from Offering 125 at the Templo Mayor

**[72] FORUM ■ BIOARCHAEOLOGY IN CULTURAL RESOURCE MANAGEMENT: PRACTICE, PROFESSIONALISM, PROSPECTS**

**Room:** Sultana (CC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Catrina Whitley, Ann Stodder and Nancy Akins

**Chairs:** Ann Stodder and Catrina Whitley

**Participants:**

- Nancy Akins—Discussant
- Elizabeth Perry—Discussant
- Tim Perttula—Discussant
- Kurt Dongoske—Discussant
- Hugh Matternes—Discussant
- Lori Hager—Discussant
- Sara Collins—Discussant

**[73] SYMPOSIUM ■ PATHS TO POWER: STRATEGIES OF HIGHLAND MESOAMERICA'S LATE FORMATIVE AND EARLY CLASSIC RULERS**

**Room:** Ballroom B (CC)

**Time:** 2:45 PM–5:00 PM

**Organizers:** Patricia Plunket and Saburo Suguiyama

**Chair:** Patricia Plunket

**Participants:**

- 2:45 Mari Carmen Serra Puche—The Xochitecatl Ceremonial Center an example of power strategy of the Rulers, in the Late Formative period
- 3:00 David Carballo and Anthony Aveni—Public Architecture and Ritual Offerings during Central Mexico's Later Formative Periods.
- 3:15 Alejandro Pastrana and Felipe Ramírez—"Reinterpretando Cuicuilco"
- 3:30 Shigeru Kabata—Obsidian Procurement and Production, and the Political Centralization at Teotihuacan

- 3:45 Saburo Sugiyama—How did Teotihuacan Rulers Set Religious Order to Dominate Mexican Highland Communities?
- 4:00 Nawa Sugiyama, Saburo Sugiyama, Enrique Pérez Cortes and Alejandro Sarabia—Beginning of Teotihuacan State Ideology Reconstructed from the Earliest Offerings/Burials in the Sun Pyramid
- 4:15 Gabriela Uruñuela and Patricia Plunket—The Function and Meaning of Cholula's Earliest Civic-Ceremonial Structures
- 4:30 Amparo Robles, Gabriela Uruñuela and Patricia Plunket—The Cost of Power: Investing in Monumental Architecture at Early Cholula
- 4:45 George Cowgill—Discussant

**[74] FORUM ■ REFLECTIONS FROM THE GLITTERING SEA: NEW RESEARCH AND INSIGHTS INTO THE HUMAN AND ECOLOGICAL HISTORIES OF THE CALIFORNIA ISLANDS**

**Room:** Mississippi (CC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Wendy Teeter, Desiree Martinez and Karimah Kennedy-Richardson

**Chair:** Wendy Teeter

**Participants:**

Desiree Martinez—Discussant

Karimah Kennedy-Richardson—Discussant

Matthew Des Lauriers—Discussant

Michael Glassow—Discussant

Todd Braje —Discussant

Andy Yatsko—Discussant

Jennifer Perry—Discussant

Wendy Teeter—Discussant

**[75] SYMPOSIUM ■ ZOOARCHAEOLOGY OF COASTAL MESOLITHIC**

**Room:** L-4 (CC)

**Time:** 3:00 PM–4:45 PM

**Organizers:** Rita Dupont De Sousa Dias and Cleia Detry

**Chairs:** Cleia Detry and Rita Dias

**Participants:**

3:00 Kurt Gron—Ertebølle Faunal Economy Variability in Northwest Sjælland, Denmark

3:15 Anne Tresset, Catherine Dupont, Grégor Marchand and Rick Schulting—An insight into the end of the Mesolithic in north-western Europe: zooarchaeology of the shellmiddens from Brittany (France).

3:30 Ana B Marín-Arroyo—Remarkable paleoeconomic changes during the Mesolithic in the Cantabrian coast, Northern Spain

3:45 Maria João Valente and Rebecca Dean—A Shellfish Dilemma: Mesolithic and Early Neolithic in Western Algarve

4:00 Sónia Gabriel—Fish exploitation in Mesolithic Iberia

4:15 Rita Dias, Cleia Detry and Nuno Bicho—The Epipaleolithic-Mesolithic transition: Changes in small vertebrates exploitation dynamics

4:30 Clive Bonsall, Catriona Pickard, Peter Groom, Łászló Bartosiewicz and Maria Gurova—What's in a Midden? Changing perceptions of the Mesolithic of W Scotland

**[76] SYMPOSIUM ■ RECENT INVESTIGATIONS AT THE ROLLING FORK SITE: LATE MISSISSIPPIAN IN THE LOWER DELTA**

**Room:** L-10 (CC)

**Time:** 3:15 PM–5:00 PM

**Organizers:** Christopher Koepfel and Banks Leonard

**Chairs:** Christopher Koepfel and Banks Leonard

**Participants:**

- 3:15 Banks Leonard—Results of the Multiphase Excavations at the Rolling Fork Mounds: Late Mississippian in the Lower Delta
- 3:30 Christopher Koepfel—Triumph and Tragedy in the Delta: the Rolling Fork Archaeological Project
- 3:45 Rocco de Gregory and Nicholas Herrmann—Bioarchaeological Analysis of Burials Recovered From Rolling Fork Mounds
- 4:00 Gina Powell and Neal Lopinot—Late Mississippian Human-Plant Relations in the Lower Mississippi Valley: Archaeobotany of the Rolling Fork Mounds Site
- 4:15 Jennifer Ryan and Robert Lore—Late Mississippian Adaptations in the Lower Delta: Faunal Analysis of the Rolling Fork Mounds Assemblage
- 4:30 Andrew Lydecker and Chester P. Walker—Multiple Sensor Geophysical Survey at the Rolling Fork Mounds, Sharkey County, Mississippi
- 4:45 Sam Brookes—Discussant

**[77] GENERAL SESSION ■ ANDEAN ARCHAEOLOGY**

**Room:** L-2 (CC)

**Time:** 3:45 PM–4:45 PM

**Chair:** Matthew Piscitelli

**Participants:**

- 3:45 Olga Gabelmann—Trade and Mobility in the Andes - Drawing analogies between a present day caravan and prehistory
- 4:00 James Davenport—Inka Ceramics from the Sun Temple at Pachacamac: Preliminary Results of Characterization Studies
- 4:15 Matthew Piscitelli and Sofia Chacaltana Cortez—Using LA-ICP-MS to Observe Imperial and Local Political Dynamics in the Upper Moquegua Valley during Inca Occupation
- 4:30 Jennifer Zovar—Conquests, Colonialism and Catholicism: Investigating the Inca/Colonial Transition at a Bolivian Altiplano Site

**[78] GENERAL SESSION ■ ONEOTA AND OTHER UPPER MISSISSIPPIAN**

**Room:** Ballroom E (CC)

**Time:** 3:30 PM–5:00 PM

**Chair:** Robert Jeske

**Participants:**

- 3:30 Katy J. Mollerud—Keeping Up with the Jones': A Comparison of Cambria Phase Pottery from the Owen D. Jones (21Be5) and Price (21Be36) Sites
- 3:45 Robert Jeske and Richard Edwards IV—Differential Land Use Patterns in the Rock River Watershed: Horicon Marsh versus Lake Koshkonong
- 4:00 Katherine Sterner—Oneota Lithics: A Functional Analysis of the Crescent Bay Hunt Club Assemblage

- 4:15 Andrew Upton and Jodie O'Gorman—A Statistical Approach to Mississippian and Oneota Ceramics at Morton Village  
4:30 V Westmont—Discoidals: Fort Ancient Gaming, Decoration, and Identity  
4:45 Seth Mitchell and Lisa Dugas—Don't Be Cruel, They Have Soul Too: Investigating Social Group Identity Within the Late Prehistoric Monongahela Tradition

**[79] GENERAL SESSION ■ ARCHAEOLOGY IN FLORIDA**

**Room:** L-14 (CC)

**Time:** 4:00 PM–4:45 PM

**Chair:** Michael Wylde

**Participants:**

- 4:00 Elicia Kimble—St. Vincent Island: A Case Study in Coastal Archaeology  
4:15 Michael Wylde—Recent Excavations at Mound 5, Pineland Site Complex, Pine Island, Florida  
4:30 Jeff Illingworth and J. M. Adovasio—An Enigmatic Impression on a Manatee Bone

**[80] GENERAL SESSION ■ ETHNOBOTANICAL AND PALEOENVIRONMENTAL STUDIES IN NORTH AMERICA**

**Room:** L-13 (CC)

**Time:** 4:00 PM–4:30 PM

**Chair:** Kimberly Kasper

**Participants:**

- 4:00 Kimberly Kasper and Margaret Morris—Footprints in the Soil: Exposing Cultural Patterns of Plant Use with Geographic Information Systems  
4:15 John Dyson—Chickasaw Horses, Plums, Roses and.....Potatoes?

Thursday Evening ■ April 19, 2012

**[81] FORUM ■ DIGITAL DATA STANDARDS AND "BEST PRACTICES" NEEDED FOR ACCESS TO AND PRESERVATION OF ARCHAEOLOGICAL INFORMATION**

**Room:** L-2 (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer:** Francis McManamon

**Chair:** Keith Kintigh

**Participants:**

S. Terry Childs—Discussant  
Julian Richards—Discussant  
Donald Craib—Discussant  
Mary Whelan—Discussant  
John Yellen—Discussant  
Mary Downs—Discussant  
Cynthia Herhahn—Discussant  
Jeffrey Altschul—Discussant

**[82] FORUM ■ RECENT RESEARCHES ON THE ARCHAEOLOGY OF SOUTH INDIA: SACRED AND POLITICAL LANDSCAPES OF KARNATAKA FROM THE EARLY HISTORIC TO EARLY COLONIAL PERIODS**

**Room:** Chickasaw (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer:** Hemanth Kadambi

**Moderator:** Hemanth Kadambi

**Participants:**

Hemanth Kadambi—Discussant  
Elizabeth Bridges—Discussant  
Uthara Suvrathan—Discussant

**[83] POSTER SESSION ■ EUROPE, AFRICA, NEAR EAST**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 6:00 PM–8:00 PM

**Participants:**

- 83-a Kelly Phillips—Solutrean Seal Hunters: Deconstructing Assumptions of the Solutrean Hypothesis
- 83-b Ben Shepard—Regional Variability in Nephrite Ornaments from the Early Bronze Age Cis-Baikal, Russia
- 83-c Keelin Baine—Animals, Mortuary Ritual, and Social Change in Neolithic and Bronze Age Ireland
- 83-d Colin Quinn and Horia Ciugudean—The Bronze Age Landscape of Southwest Transylvania: Regional Patterning and Dynamics
- 83-e Peter Bikoulis—Geographically Based Network Creation Strategies: a comparison of two approaches
- 83-f Charlotte Cable—A Multitude of Monuments: Characterizing and interpreting the distribution of 3rd millennium BC monuments in north-central Oman
- 83-g Jennifer Miller—Ostrich Eggshell Bead Variation in the East African Later Stone Age
- 83-h Steve Schwartz, Alex Mackay, Jayson Orton and Teresa Steele—Initial

- Results from survey for open-air Middle Stone Age sites along the Varsche River, southern Namaqualand, South Africa
- 83-i Shelby Putt, Alexander Woods, Robert Franciscus and Russell Ciochon—Acheulian handaxe production in verbal and non-verbal experimental learning environments

**[84] POSTER SESSION ■ LITHIC ANALYSIS**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 6:00 PM–8:00 PM

**Participants:**

- 84-a Cornel Pop—A flexible image-based method for lithic analysis
- 84-b Stephen Yerka, David Echeverry, David G. Anderson and D. Shane Miller—Re-Designing PIDBA (The Paleoindian Database of the Americas): Enhancing the Accessibility of Information and the User Experience
- 84-c Kathryn Bennett, George T. Jones and Charlotte Beck—Is Western Stemmed Biface Technology Derived from Clovis?
- 84-d Peter Condon and Calvin Smith—Examining Clovis in the Context of Southeastern New Mexico and Far West Texas: A Discussion on Current Evidence and Interpretation
- 84-e Robert Lassen—The Link Between Folsom and Midland Lithic Technology as Seen from the Gault Site, Central Texas
- 84-f Nancy Littlefield—Clovis Workshop Industries at the Gault Site, Texas
- 84-g Houston Martin and Marcel Kornfeld—Hell Gap Modified Chipped Stone: An attribute-based analysis
- 84-h Christine Nycz—Re-Examining the Middle Holocene in the Eastern Central Plains
- 84-i Paul Burnett and Erik Otarola-Castillo—Geometric Morphometrics: Expanding our Understanding of the Rosegate Projectile Point
- 84-j Stephen LaValley and Geoffrey Smith—Biface Reduction and Raw Material Selection at Paiute Creek Shelter, Nevada
- 84-k David Pedler, Allison Byrnes, Todd Grote and Allen Quinn—Spatial Analysis of Lithic Artifacts from Irvine Flats, a Prehistoric Site Complex on the Upper Allegheny River in Northwestern Pennsylvania
- 84-l Jaclyn Nadeau—An Analysis of Eastern New York Debitage Assemblages: Combining Stage Models and Flake Attribute Data
- 84-m Tom Williams—Blade Technologies and Cultural Trajectories: Analysing American and European blade assemblages from 22,000 to 10,000 BP.
- 84-n Gabriel Popescu—Assemblages size, composition and mobility patterns in the Romanian Carpathians Paleolithic sites.
- 84-o Sarah MacIntosh—Assessment Of The Cortex Ratio Model With An Epipaleolithic Assemblage From Jordan
- 84-p Ekaterina Doronicheva and Marianna Kulkova—Lithic Raw material exploitation in the Northwestern Caucasus Upper Paleolithic
- 84-q Louis Fortin and Paul Goldstein—Spatial Lithic Distributions at a Tiwanaku Temple: Moquegua Valley, Peru
- 84-r April Ruttle, Briggs Buchanan and Mark Collard—risk and technology: exploring the causes of toolkit variation among subsistence-level food producers

**[85] POSTER SESSION ■ SOUTHWEST**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 6:00 PM–8:00 PM

**Participants:**

- 85-a Erin Gearty—We Are What We Weave: A Study of Identity Expressed through the Production of Basketmaker II Textiles
- 85-b David Hoefer—The Archaeology of Ghost Ranch: Intersite Analysis of Faunal Remains at Two Archaic Hunter-Gatherer Sites
- 85-c Melissa Kruse-Peebles—Prehistoric Productivity of Runoff Agricultural Systems in the American Southwest
- 85-d David Lewandowski—The Archaeology of Eagle Creek, Arizona
- 85-e William Deaver—Archaeomagnetic Dating Applications: Antler House Village Settlement Patterns and the Hohokam Pioneer Period in the Northern Periphery
- 85-f Lauren Falvey—Fossils and their role in Mimbres Mogollon Ritual Behavior at a Late Pithouse Period Village.
- 85-g Jakob Sedig—Woodrow Ruin on the Upper Gila: Preliminary Research at a Large, Multicomponent Mimbres Site
- 85-h Christopher Turnbow and Richard Huelster—West Fork Ruins: Its Architecture, Space, and Time in the Forks of the Gila River Region, New Mexico
- 85-i Richard Greene—The Hearth Mounds of White Sands National Monument
- 85-j Richard Wilshusen, Gregson Schachner and James Allison—Social Variability in the Emergence of the Pueblo World
- 85-k Kellam Throgmorton—Domestic Architecture, Style, and Identity during the Early Pueblo Period in the Puerco Valley
- 85-l Elisabeth Cutright-Smith—Ancestral Hopi Landscapes and Cultural Resources Preservation from the Vantage Point of Homol'ovi [Ruins] State Park, Arizona
- 85-m Sam Duwe—Building the Tewa World: Cosmography and Settlement in the Northern Rio Grande Region, New Mexico
- 85-n Kelsey Reese, R. Kyle Bocinsky, Kay E. Barnett, Stefani Crabtree and Elise Alonzi—Large, Aggregated Villages in Little Soda Canyon
- 85-o Samantha Fladd—Assessing Access: A Comparative Examination of Household Structure at Casas Grandes
- 85-p Fabiola Silva—The Plundering of Paquimé: A History of Looting in Casas Grandes, Chihuahua, Mexico
- 85-q Emilio Santiago, Caroline Frosch, Emma Gilheany, Heather Atherton and Severin Fowles—The Archaeology of Uncertainty in Colonial New Mexico

**[86] SYMPOSIUM ■ THE ARCHAEOLOGY OF SUSTAINABILITY**

**Room:** Cotton Row (CC)

**Time:** 6:00 PM–8:30 PM

**Organizer:** Seth Brewington

**Chair:** Seth Brewington

**Participants:**

- 6:00 Seth Brewington—Sustainability and resilience in the Norse North Atlantic: An example from the Faroe Islands
- 6:15 Andrew Dugmore, Jette Arneborg and Orri Vesteinsson—Resilience, Path Dependency, and the Limits of Adaptation in Norse Greenland

- 6:30 Julie Bond and Stephen Dockrill—Site to island: case studies in sustainability and resilience
- 6:45 Jeffrey Quilter and Daniel Sandweiss—Prehistoric Sustainability on the Peruvian Coast
- 7:00 Scott Ingram—Archaeological Methods for Vulnerability Assessment
- 7:15 Ingrid Mainland, Jane Downes and Julie Gibson—A 'bleak and unpropitious climate'? : sustainable societies and practises in the prehistoric and early historic Highlands and Islands of Scotland
- 7:30 Arlene Rosen—Wetlands, Adaptive Cycles, and Sustainability among Foragers in the Late Pleistocene/Early Holocene Levant
- 7:45 Jago Cooper—Constructing Sustainable Island Communities: Comparative perspectives from the Pacific and Caribbean Islands
- 8:00 Sophia Perdikaris—Education for Sustainability: Islands of Change, a Circum Atlantic Example
- 8:15 Thomas McGovern—Discussant

**[87] GENERAL SESSION ■ ARCHAEOLOGY IN GUATEMALA, HONDURAS, AND SOUTHERN MEXICO**

**Room:** Sultana (CC)

**Time:** 6:00 PM–8:45 PM

**Chair:** Janine Gasco

**Participants:**

- 6:00 Karon Winzenz—The Symbolism of Cloth and Clothing in the San Bartolo Murals
- 6:15 Gary Boyd—Settlement Pattern Correlates of Social Complexity on the Pacific Coast of Guatemala
- 6:30 Jean Larmon, John Jones and Hector Neff—A Palynological Investigation into the Cultural Intensification of the Pacific Coast of Guatemala During the Formative Periods
- 6:45 Janine Gasco and Alicia Angel—Recent Research at the Postclassic Site of Gonzalo Hernández, Chiapas, Mexico
- 7:00 Barbara Voorhies—An Archaic Period Offshore Casino?: Dice Game Boards at the Tlacuachero Shellmound
- 7:15 Break
- 7:30 Gavin Davies and Marion Popenoe de Hatch—Backwater or Crossroads? Investigating the Political and Economic Relations of the Western Lake Atitlan Basin, Guatemala
- 7:45 Kenneth Tankersley, Vernon Scarborough, Nicholas Dunning and David Lentz—Volcanism and the Rise of a Maya Metropolis
- 8:00 Betsy Marzahn-Ramos—Pots in the Periphery: Results from the Analysis of Middle Usumacinta Ceramics
- 8:15 Yuko Shiratori, Timothy Pugh and Christina Halperin—Exploring Postclassic Community and Architecture in the Peten Lakes Region, Guatemala
- 8:30 Erlend Johnson—Results from a Preliminary Reconnaissance of the Cucuyagua and Sensenti Valleys of Southwestern Honduras



**[88] GENERAL SESSION ■ ARCHAEOLOGY OF ANCESTRAL PUEBLOANS AND PAQUIME**  
**Room:** River Bluff (CC)  
**Time:** 6:00 PM–9:00 PM  
**Chair:** Tammy Stone

**Participants:**

- 6:00 Michael Searcy—Astronomical Implications for the Mound of the Cross at Paquimé, Chihuahua, Mexico
- 6:15 Sara Turner—The Search for the Space In-between
- 6:30 Jenna Battillo—Re-examination of Quantitative Mortuary Data from Hawikku Cemetery
- 6:45 Randee Fladeboe—Potent Agency: Ritual Depositions of Snakes in the Northern San Juan Region
- 7:00 Bradley Newbold, R. Kyle Bocinsky, William D. Lipe, Phil R. Geib and Brian M. Kemp—Revising Early Turkey Domestication in the Southwest
- 7:15 Break
- 7:30 Harlan McCaffery—Dietary Reconstruction of the Ancestral Puebloan Domestic Turkey
- 7:45 Sue Beckwith—The Scene from the Corn Grinding Rooms of Pot Creek Pueblo, New Mexico
- 8:00 Abigail Work—Of Manos and Metates: Patterns of Subsistence in Prehistoric Roswell, New Mexico
- 8:15 Tammy Stone—Diasporas, Migrations, and Ethnic Enclaves in the American Southwest
- 8:30 Jonathan Till—A Palimpsest of Pueblos: Excavations at Denison Mines' White Mesa Mill, San Juan County, Utah
- 8:45 Tim Gibbs—Descriptive and Exploratory Spatial Analysis of Archaeological Site Distributions at Locations in Northern Arizona

**[89] SYMPOSIUM ■ COMPLEX PROJECTILE TECHNOLOGY: NEW INSIGHTS FROM ETHNOARCHAEOLOGY, EXPERIMENTATION AND ARCHAEOLOGY**  
**Room:** L-4 (CC)  
**Time:** 6:00 PM–9:00 PM  
**Organizer:** John Shea  
**Chairs:** John Shea and Russell Greaves

**Participants:**

- 6:00 John Shea—The Origins and Antiquity of Complex Projectile Technology: A Global Perspective
- 6:15 Russell Greaves—Shooting at a bigger target: expanding ethnoarchaeology to broadly defined problems beyond simple analogy.
- 6:30 Matthew Sisk—Investigating the morphological constraints on stone projectile tips
- 6:45 Justin Pargeter and Marilize Lombard—Stone-tipped projectile technologies: a multifaceted approach and South African perspective
- 7:00 Grant McCall—Poison Arrow Hunting Revisited: Kalahari Ethnoarchaeology and its Implications for Southern African Prehistory
- 7:15 Karen Lupo and Dave Schmitt—Toxic Technology: The Implications of the Ethnographic Record of Poisoned Points on Zooarchaeological Assemblages and Projectile Technology
- 7:30 Alla Yaroshevich and Dany Nadel—The scalene triangles from Ohalo II: evidence for 23,000 years-old composite projectile weapons in the Levant

- 7:45 Paul Roscoe—The Bow and Arrow as a Weapon of War in New Guinea  
 8:00 Iain Davidson, Mark Moore and Kimberlee Newman—Warranting artefact types  
 8:15 John Whittaker—Projectile Behavior: Flex, Spin, and Beveled Points  
 8:30 Kaoru Akoshima—From microblade to arrowhead: function and technological organization through the end of the Palaeolithic in Northeastern Japan  
 8:45 Luis Borrero—Before and after the bow & arrow in South Patagonia and Tierra del Fuego: guanaco bones and changing strategies

**[90] SYMPOSIUM ■ DIG IT! INTERSECTIONS BETWEEN EXCAVATION METHODS AND RECORDING SYSTEMS**

**Room:** Mississippi (CC)

**Time:** 6:00 PM–8:45 PM

**Organizers:** Laura Evis and Tim Darvill

**Chair:** Tim Darvill and Laura Evis

**Participants:**

- 6:00 Tim Darvill—Down, Down, Deeper, and Down: Matching excavation methods and recording systems in commercial and research investigations  
 6:15 Robert Heckman, Richard Ciolek-Torrello and Michael Heilen—Digital Recording of Large, Diverse Datasets: The Statistical Research Inc. Database (SRID)  
 6:30 Edward Harris—The only way to see: stratigraphic sequences and surfaces in archaeological research.  
 6:45 Russ Quick, Randall Cooper, Paul Bundy, Andrew Bradbury and Jason Anderson—New Solutions to the Oldest Problem: Doing more with less in the New Economy  
 7:00 Scott Palumbo—Evaluating the Relationships Between Pre-Columbian Surface and Subsurface Archaeological Deposits from Panama  
 7:15 Donald M Thieme and Jane Whitehead—Recording Archaeological Stratigraphy: New World and Old World Examples  
 7:30 Kit Wesler—A Century At Wickliffe Mounds, Kentucky: Evolving Goals, Methods, And Prospects  
 7:45 Doug Wilson and Elizabeth A. Horton—Why we dug . . . Why we dig: Archaeological Field Methods at Fort Vancouver  
 8:00 Gerald Schroedl, Stephen J. Yerka and Nicholas P. Herrmann—The Application of Digital Information Systems to Archaeological Investigations at Cherokee Farm, Tennessee  
 8:15 Jeffrey Shanks, Craig Dengel and Michael Russo—Combining Low and High Technologies to Overcome Phased Survey Limitations  
 8:30 Katherine Turner-Pearson—Budgets, Time, and Client Dictates: How are Archaeological Methods Effectuated in Commercial Settings

**[91] SYMPOSIUM ■ HISTORICAL ECOLOGY, LANDSCAPE CAPITAL, AND "SENSES OF PLACE"**

**Room:** Ballroom D (CC)

**Time:** 6:00 PM–9:00 PM

**Organizers:** Emily Hammer and Adam Stack

**Chairs:** Emily Hammer and Adam Stack

**Participants:**

- 6:00 Adam Stack and Emily Hammer—Future Directions for Historical Ecology

- Research in Archaeology
- 6:15 Tina Thurston—Engineering the Wilderness: Landscape Capital in Pastoral Agro-ecosystems
- 6:30 Vernon Scarborough—The Rate and Process of Landscape Alteration
- 6:45 David Anthony—Persistent Borders in European Prehistory
- 7:00 Doug Bolender—Landscape Capital, Rent, and Embedded Places: Farm Investment Strategies in Viking Age and Early Modern Iceland
- 7:15 Andrew Bauer—The Nature of Place: An Historical Ecology of South India's Iron Age Landscapes
- 7:30 Julia Clark—People and Pasture: A Look at Mongolian Pasture Management Strategies
- 7:45 Lee Ullmann—A Hittite Sense of Place
- 8:00 Florencia Pezzutti and Anna Cohen—Ancient Landscapes: Exploring Built Environments through Remote Sensing in the Lake Pátzcuaro Basin, Michocán, Mexico
- 8:15 Will Meyer—On Changing Places: "Which is the justice, which is the thief?"
- 8:30 Peter Schmidt—Reflections on Place and Meaning as Changing Directions in Historical Ecology
- 8:45 Clark Erickson—Discussant

**[92] SYMPOSIUM ■ LIVING ON THE EDGE: LOCAL ENTANGLEMENTS IN GLOBAL PERSPECTIVE(S)**

**Room:** L-6 (CC)

**Time:** 6:00 PM–9:00 PM

**Organizers:** Amanda Logan and Kathryn Franklin

**Chairs:** Kathryn Franklin and Amanda Logan

**Participants:**

- 6:00 Kathryn Franklin and Amanda Logan—The Edge of Where?
- 6:15 Jennifer Campbell—Edging an Empire: The Effect of Edge Proximity on Cores and Peripheries in Mughal South Asia
- 6:30 Chris Milan—Coast-Highland Interaction on the Central Coast of Peru during the Initial Period and Early Horizon
- 6:45 Veronique Belisle—When the State Meets the Community: Rethinking Wari Impact in Cusco, Peru (AD 600-1000)
- 7:00 Steven Wernke—Improvising Order at the Edge of Empire: Co-Colonization in the Peri-Historical Andes
- 7:15 Charles Cobb and Chester DePratter—Diasporic Edges and Shared Histories in Colonial Carolina
- 7:30 Jennifer Rozo—Transforming Landscapes and Peripheral Places: The People, Plants, and Pueblos of Spanish Colonial New Mexico
- 7:45 Cameron Gokee—Assembling the Local: Materiality and Community along the Falémé River, Senegal
- 8:00 Amanda Logan and Ann Stahl—Periphery-making on an African edge
- 8:15 Sarah Croucher—Local Consumption in a Global Society
- 8:30 Francois Richard—Discussant
- 8:45 Monica Smith—Discussant

**[93] SYMPOSIUM ■ EXCAVATIONS AT SCHÖNINGEN AND NEW INSIGHTS INTO MIDDLE  
PLEISTOCENE ADAPTATIONS IN NORTHERN EUROPE****Room:** L-10 (CC)**Time:** 6:00 PM–9:30 PM**Organizers:** Christopher Miller, Nicholas Conard and Jordi Serangeli**Chairs:** Nicholas Conard and Christopher Miller**Participants:**

- 6:00 Joerg Lang, Jutta Winsemann, Ulrich Polom, Jordi Serangeli and Utz Böhner—A new geological model for Schöningen: implications for palaeoenvironments and archaeology
- 6:15 Brigitte Urban and Melanie Sierralta—Environmental reconstruction and biostratigraphy of Upper Middle Pleistocene lakeshore deposits of Open Mine Schöningen
- 6:30 Mareike Stahlschmidt, Bertrand Ligouis and Christopher E. Miller—The depositional environments of Schöningen 13II-4 and their archaeological implications
- 6:45 Jordi Serangeli and Nicholas J. Conard—New results from large-scale excavations in Schöningen
- 7:00 Christopher Miller, Mareike Stahlschmidt, Paul Goldberg, Francesco Berna and Nicholas J. Conard—The "Hearths" of Schöningen 13-II/4 and their implication for the evidence for human control of fire in the Middle Pleistocene of Northern Europe
- 7:15 Gerlinde Bigga and Brigitte Urban—Moving beyond the wooden spears: Paleolithic plant use in Schöningen
- 7:30 Marie-Anne Julien, Jordi Serangeli, Mareike Stahlschmidt, Hannes Napierala and Nicholas J. Conard—What happened to those bones? Insights on the taphonomic history of the large mammal remains from Schöningen
- 7:45 Margot Kuitens, Hans van der Plicht, Thijs van Kolfschoten, Jordi Serangeli and Hervé Bocherens—Stable isotope analysis of well-preserved 300- 400 ka year old bone collagen from Schöningen
- 8:00 Thijs van Kolfschoten—The Schöningen evidence for Middle Pleistocene hominin subsistence and hunting strategies
- 8:15 Bruce L. Hardy, Veerle Rots, Jordi Serangeli and Nicholas Conard—Wood, Bone, Ivory and Stone: Middle Pleistocene Tool Use in Northern Europe
- 8:30 Nicholas Conard, Thijs van Kolfschoten, Brigitte Urban and Jordi Serangeli—Schöningen and the economics and social organization of Middle Pleistocene hominins
- 8:45 Felix Hillgruber, Stefan Winghart and Gabriele Zipf—A new center for prehistoric research and for experiencing Paleolithic lifeways
- 9:00 Steven Kuhn—Discussant
- 9:15 Ariane Burke—Discussant

**[94] SYMPOSIUM ■ COMMINGLED AND DISARTICULATED HUMAN REMAINS: WORKING  
TOWARDS IMPROVED THEORY, METHOD AND DATA****Room:** L-11 (CC)**Time:** 6:00 PM–9:45 PM**Organizers:** Anna Osterholtz, Debra Martin and Kathryn Baustian**Chairs:** Anna Osterholtz and Debra Martin**Participants:**

- 6:00 Jaime Ullinger—Mixing it Up: A History of Commingling Studies in

- Bioarchaeology
- 6:15 Basak Boz and Lori Hager—Making Sense of Social Behavior from Disturbed and Commingled Skeletons: A Case Study from Çatalhöyük, Turkey
- 6:30 Anna Osterholtz, Debra Martin and Kathryn Baustian—Determining MNI for Tell Abraq
- 6:45 Alexis Boutin and Whitney McClellan—Collection, Curation, and Commingling: The Stories of Two Near Eastern Museum Assemblages
- 7:00 Sherry Fox—Secondary burial and commingled remains in Cyprus: A case study of the Hellenistic/Roman “Surgeon’s Tomb” from the eastern necropolis of Nea Paphos (P.M. 2548)
- 7:15 William Duncan and Kevin Schwarz—Operationalizing fragmentation theory in mass graves
- 7:30 Abigail Meza—Human’s bones tools from La Ventilla, Teotihuacan: Who were used as raw material?
- 7:45 Ann Stodder and Anna Osterholtz—Interpreting Sacred Ridge: Behavioral Taphonomy, Quantitative Taphonomy and Regional Context
- 8:00 Ashley Kendell and P. Willey—Crow Creek Commingling: A Re-Evaluation and Implications
- 8:15 Judith Arnett—Piecing together juvenile health from the ossuaries of Coastal North Carolina
- 8:30 Bonnie Glencross—Contemporary Analyses of Skeletal Injury in Commingled Remains
- 8:45 Katie Rudolph—Found! Using photographs to sort out commingled museum collections
- 9:00 Levent Atici—Commingled Bone Assemblages: Contributions from the world of Zooarchaeology
- 9:15 Della Cook—Discussant
- 9:30 Margaret Judd—Discussant

**[95] SYMPOSIUM ■ IDENTIFYING TRACES OF CULTURAL CONTACT, INFLUENCE, AND EXCHANGE IN THE ARCHAEOLOGICAL RECORD - A GENERAL ISSUE AS SEEN FROM MATERIAL IN SOUTHEAST ASIA AND SOUTHWEST CHINA**

**Room:** L-12 (CC)

**Time:** 6:00 PM–9:45 PM

**Organizers:** Anke Hein, Alison Carter and Wesley Clarke

**Chair:** Anke Hein

**Participants:**

- 6:00 Mark Aldenderfer—Beadwork: The Asia-Pacific Bead Trade and Upper Mustang, Nepal
- 6:15 Jade D’alpoim Guedes—Millets, Rice, Social Complexity and the Spread of Agriculture to Sichuan
- 6:30 Emily Peterson—Interisland Exchange in Island Southeast Asia: Insights from the Banda Islands, Maluku, Indonesia
- 6:45 TzeHuey Chiou-Peng—The Introduction of Piece-mold Casting in Bronze Age Southeast Asia: a case study of a regionalized technological transfer
- 7:00 Lo Chi Kei—Preliminary studies on the military rule in Southwestern China after the takeover by the Han Empire
- 7:15 Francis Allard—The Nanyue kingdom: Assimilation, acculturation, and inter-regional interaction
- 7:30 Nam Kim—Interregional Exchange and Emergent Sociopolitical Complexity in Iron Age Northern Vietnam

- 7:45 Julie Malakie—Multi-scalar Cultural Connections at Khao Sam Kaeo  
 8:00 Alison Carter—Intra-regional interaction networks in Iron Age mainland Southeast Asia as viewed through stone and glass beads  
 8:15 Wesley Clarke and Thanik Lertcharnrit—Dvaravati Trade: An Updated Assessment  
 8:30 Mathew Gallon—Foreign and Indigenous Influences on Dvaravati Urban Spaces  
 8:45 J. Rachel Lee—Vietnamese Ceramics, the Philippines, and the Southeast Asian Maritime Trade  
 9:00 Nanny Kim—The mining boom of the 18th century and the transformation of the Yunnan-Burmese borderlands  
 9:15 Anke Hein—Discussant  
 9:30 Alison Carter—Discussant

**[96] SYMPOSIUM ■ PALEOECOLOGY AND TAPHONOMY OF FAUNAL LANDSCAPES****Room:** L-5 (CC)**Time:** 6:00 PM–9:45 PM**Organizers:** Chrissina Burke, Jarod Hutson and Kathryn Krasinski**Chair:** Kathryn Krasinski**Participants:**

- 6:00 Gary Haynes—Actualistic Records of Patterning and Variability in Elephant Bonesites  
 6:15 Kathe Holen and Steven R. Holen—An Application of Metric Analysis to Proboscidean Bone Notches  
 6:30 Andrew Boehm, Casey Dukeman and Lauren Willis—Bone as Fuel: A Study of North American Species  
 6:45 Lauren Willis and Andrew Boehm—How a Butcher's Experience Impacts Experimental Results: A Study of Fish Butchery  
 7:00 Teresa Steele—How studies of shell remains can contribute to our understanding of faunal landscapes  
 7:15 Chrissina Burke—Neotaphonomic Analysis of the Feeding Behaviors and Modification Marks Produced by North American Felids  
 7:30 Jarod Hutson—Modern carnivore serial predation at Ngamo Pan and its taphonomic relevance to the interpretation of open-air faunal accumulations  
 7:45 Briana Pobiner and Kris Kovarovic—A modern taphonomic and ecological landscape bone study in Laikipia, Kenya  
 8:00 Andrew Du, J. Tyler Faith, Anna K. Behrensmeier, David B. Patterson and Amelia Villaseñor—Paleoecological implications of sampling methodology in landscape fossil assemblages  
 8:15 Kathryn Krasinski and Gary Haynes—Probabilistic Models for Identifying Cutmarks  
 8:30 Maria Gutierrez, Daniel Rafuse, Agustina Massigoge, Maria Alvarez and Cristian Kaufmann—Bone Modification Patterns Produced By Two South American Small Sized Carnivores  
 8:45 Emma James and Jessica Thompson—What is a cut mark? Terminological obstacles to comparability between zooarchaeological datasets  
 9:00 Kristen Welch, Charles P. Egeland and Christopher M. Nicholson—Experimental determinations of cutmark orientation and their implications for reconstructing prehistoric butchery behavior  
 9:15 Erik Otárola-Castillo, Dean Adams, Scott Chumbley and Brent Danielson—

9:30 Morphometric Analyses of Bone-Surface Marks  
R. Lee Lyman—Discussant

**[97] SYMPOSIUM ■ CEREMONIAL SPHERES OF THE EASTERN WOODLANDS**  
**Room:** Steamboat (CC)  
**Time:** 6:00 PM–10:00 PM  
**Organizers:** A. Byers and Scot Keith  
**Chairs:** Scot Keith and Martin Byers

**Participants:**

6:00 Douglas Charles—Hopewell: A Great Tradition or Just a Good One?  
6:15 Bradley Lepper—Mortuary ceremonialism at the Newark Earthworks  
6:30 Neill Wallis—Connecting Two and Three-Dimensional Fields of Ceremonial  
Interaction: Swift Creek Enchainment and Weeden Island Animacy  
6:45 Nancy White—Middle Woodland Interaction, Ritual, and Connections  
Through Time in Northwest Florida  
7:00 Alice Wright—"Artifacts Writ Large": Ditch Enclosures and Middle Woodland  
Interaction in Southern Appalachia  
7:15 Robert Birmingham—The Effigy Mound Ceremonial Landscape of the  
Wisconsin "Four Lakes" Mound District  
7:30 Jon Gibson—Earth and Fire: Ceremonialism in the Lower Mississippi Valley  
7:45 Larry Kimball and Derek Johnson—The Ritualized Landscape at Biltmore  
Mound  
8:00 Scot Keith—Reconceptualizing Swift Creek  
8:15 Martin Byers—Reclaiming the Hopewell Interaction Sphere Notion:  
8:30 Christopher Carr—Regional Differences in the Eschatology and Cosmology  
of Ohio Hopewell Peoples  
8:45 Mike Russo, Craig Dengel and Jeffrey Shanks—Public Plazas as Mediating  
Loci at Weeden Island Coastal Settlements  
9:00 Keith Stephenson, Frankie Snow and Karen Smith—Connectedness and  
Ceremonialism in Swift Creek Societies of the Interior Georgia Coastal Plain  
9:15 Chester Walker and Kent Reilly—Sacred Bundles, Cult-Bearers, and  
Ideological Exchange In the Early Mississippian Period  
9:30 James Wettstaed, Johannes Loubser and Scott Ashcraft—The Ethnographic  
and Landscape Setting of Petroglyph Boulders in the Southern Appalachians  
9:45 James A. Brown—Discussant

**[98] SYMPOSIUM ■ MESOAMERICAN TARASCANS, THEIR FORBEARERS AND  
NEIGHBORS: ESSAYS IN HONOR OF HELEN POLLARD**  
**Room:** Ballroom B (CC)  
**Time:** 6:00 PM–10:00 PM  
**Organizers:** Amy Hirshman and Karin Rebnegger  
**Chairs:** Amy Hirshman and Karin Rebnegger

**Participants:**

6:00 Jill Rhodes and Joseph Mountjoy—Lessons from the grave: status, inequality  
and health in the Late Formative Period of West Mexico  
6:15 Erica Begun—Exploring the Michoacan Presence at Teotihuacan  
6:30 Veronique Darras and Laure Lodeho—Intersecting histories of Chupicuaro,  
Ucareo-Zinapécuaro, and the prismatic blade. Technical skills and obsidian  
procurement during the Late Preclassic: techno-cultural choices versus  
ethnic control?

- 6:45 Peter Jimenez Betts, Enrique Perez Cortez and Laura Solar Valverde—Evidence for Early Metallurgy in Mesoamerica: The Cerro del Teúl Context
- 7:00 Karin Rebnegger—Obsidian Sources used by the Tarascan Empire Elites and Commoners in the Pátzcuaro Basin, Michoacán, Mexico.
- 7:15 Amy Hirshman—Petrography of Tarascan ritual pipes
- 7:30 Dave Haskell—Implications of La Memoria de Don Melchor Caltzin (1543) for Tarascan Historiography and the Use of the Ethnohistoric Record to Model Tarascan State Formation
- 7:45 Christopher Stawski—Modeling Settlement in the Prehispanic Lake Pátzcuaro Basin, Michoacan, Mexico
- 8:00 Eduardo Williams—The Exploitation of Aquatic Resources in the Tarascan Heartland (Michoacán, Mexico): An Ethnoarchaeological Study
- 8:15 Blanca Maldonado—Metallurgy and the Prestige System of the Tarascan State
- 8:30 Christine Hernandez—A Revised Ceramic Sequence for the Ucareo-Zinapécuaro Obsidian Source Area in Northeastern Michoacán, Mexico
- 8:45 Dominique Michelet, Grégory Pereira and Gérald Migeon—Defensive works in Central-West Mexico and their sociopolitical implications
- 9:00 Karine Lefebvre and Brigitte Faugere—Las fronteras del reino tarasco: estrategias político-militares en las zonas de margen a la vigilia de la Conquista
- 9:15 Andrea Torvinen—The Rituality of Deposits in Northwest Mexico: An Ethnoarchaeological Approach
- 9:30 Frances Berdan—Discussant
- 9:45 David Grove—Discussant

**[99] GENERAL SESSION ■ PAPERS ABOUT HERITAGE AND MANAGEMENT OF CULTURAL PROPERTY**

**Room:** 205 (CC)

**Time:** 6:00 PM–10:00 PM

**Chair:** Laurie Rush

**Participants:**

- 6:00 Caitlin Curtis and Christina Luke—Viewing Bin Tepe through Olive Branches: A GIS Approach to Presenting Lydia
- 6:15 Katharyn Hanson—Urban Sprawl and Cultural Heritage: A Case Study at Nineveh, Iraq
- 6:30 Sarah Wolff—Protecting a National Icon: The First Use of the Antiquities Act of 1906 to Declare Devils Tower National Monument
- 6:45 Rebecca Karberg—Constructor as Curator: GSA's Archaeological Collections
- 7:00 Rebecca Klein—Landscape approaches to military installations: why more is more
- 7:15 Paul White—Archaeologists and Abandoned Mine Land Remediation Programs: Developing a New Protocol.
- 7:30 Duane Quates and Michael Sprowles—The Magic Box and the Gravestones of the Displaced: Using Remote Sensing for the Enhancement, Inventory,



- and Public Investment of the Historic Fort Drum Cemeteries
- 7:45 Erik Johanson—Predictive Modeling in Western Louisiana: Prehistoric and Historic Settlement Patterning in the Kisatchie National Forest
- 8:00 Kira Kaufmann—A Quarter Century of History: Research, Resurvey, and Public Outreach of Indiana's Historic Shipwrecks of Lake Michigan
- 8:15 Ikeda Mizuho—New Approaches to Cultural Heritage Management: A Case Study from Phrae Province, Thailand
- 8:30 Michael Schaefer, Fernanda Neubauer and Adriana Schmidt Dias—Guarani Land Repatriation in Southern Brazil: a multidisciplinary approach to identify archaeological sites and establish territorial reservation boundaries in collaboration with Guarani representatives
- 8:45 David Guilfoyle—Cultural Landscape Management and Protection: Case Studies from Western Australia
- 9:00 Matthieu Murdock and Carrie A. Hritz—A Report on Archaeological Site Stability and Security in Afghanistan: The Lashkari Bazar Survey
- 9:15 Laurie Rush—International Cooperation for Cultural Property Protection during Military Operations
- 9:30 Meredith Langlitz and Ben Thomas—Sustainable Site Preservation: The Future of Saving the Past
- 9:45 Jeff Morgan and Santiago Giraldo—Global Heritage Fund's Role in Global Heritage Conservation and Sustainable Development

**[100] GENERAL SESSION ■ PAPERS ON PALEOINDIAN ARCHAEOLOGY**

**Room:** Ballroom E

**Time:** 6:00 PM–10:00 PM

**Chair:** David Carlson

**Participants:**

- 6:00 William Hranicky—America's Oldest Above Ground Site...in Virginia
- 6:15 Amanda Mullett and Mark Seeman—Understanding The Mobility Patterns Of Early Paleoindians In The Ohio Region Through The Use Of Different Geographic Information Systems (GIS) Functions
- 6:30 Bryan Gorrie, Alan Garfinkel, Alexander Rogers, Tim Carpenter and Craig Skinner—Dating and Tracing of Paleoindian Points from the Borden Site: Implications for the Timing and Character of the Peopling of California and the Great Basin
- 6:45 Geoffrey Smith, Teresa Wriston and Kristina Wiggins—A First Glimpse into Deep Time in Warner Valley: Preliminary Results of a Survey for Paleoindian Sites in South-Central Oregon
- 7:00 William Jerrems—Did the Younger Dryas have an effect on Great Basin residents? A synthesis of research in the Western Lake Lahontan System
- 7:15 Ciprian Ardelean—New Archaeological Investigations on the Younger Dryas Event and the Transition between Pleistocene and Holocene in Northern Zacatecas, Mexico
- 7:30 Brooke Morgan—Paleoindian Landuse in the Great Plains Through Time: An Analysis of Lithic Raw Material Movement
- 7:45 Reid Ferring—The "Long" Clovis Chronology: Evidence from the Aubrey and

- Friedkin Sites, Texas
- 8:00 Break
- 8:15 David Carlson, Michael Waters and Charlotte Pevny—Spatial Organization of Clovis Lithic Production at the Gault Site Area 8
- 8:30 Frederic Sellet—Folsom Weaponry Manufacture at the Lindenmeier Site, CO
- 8:45 Craig Smith and Lance McNees—Folsom Structures in the Wyoming Basin of Southwest Wyoming
- 9:00 Derek Anderson—Invisible hearths: refitting as a means of identifying activity areas at the Topper site
- 9:15 Katherine Barry—A Microwear Perspective on Paleoindian-Archaic Technological Change from Dust Cave, Alabama
- 9:30 Jose Vasquez, David Carmichael, PhD and Vance Holliday, PhD—Preliminary Archaeological Investigations At Sierra Diablo Cave Site: Paleoindian And Archaic Occupations In Hudspeth County, Texas
- 9:45 Matthew Hill and Marlin Hawley—The Interstate Park Bison Site, Wisconsin: New Deal Archaeology and the Search for Early Man in the Upper Midwest

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

*(Sponsored by Rock Art Interest Group)*

**Room:** Ballroom C (CC)

**Time:** 6:00 PM–10:00 PM

**Organizer:** Lenville Stelle

**Chair:** Lenville Stelle

**Participants:**

- 6:00 Johannes Loubser—Graffiti Removal at the Upper Lost Creek Pictograph and Petroglyph Rock Shelter
- 6:15 Paola Dematte—Red Images: the rock art of the Zuo River in Guangxi, southern China.
- 6:30 Donna Gillette—It's a Dirty Job but Someone Has to Do it: Dating the Soil
- 6:45 Scott Ashcraft, Chris Espenshade and J. Loubser—The Hiwassee Petroglyphs Riverscape
- 7:00 Michele Hayward, Frank Schieppati and Michael Cinquino—Towards a Definition of Caribbean Rock Art
- 7:15 David Whitley and Robert Moore—Faunal Analysis, Petroglyphs, and Bighorn Sheep Hunting in the Cosos
- 7:30 Reinaldo Morales—Miniaturism in American Rock Art
- 7:45 Robert Clouse—Effect of Methodological Variability on Interpretive Diversity
- 8:00 Mark Wagner, Mary McCorvie and Heather Carey—Graven Images: A Possible Historic Period Petroglyph Site in the Illinois River Valley
- 8:15 Daniel Arsenault—Old stories, ancient maps... and a few rock painting sites: towards the interpretation of a new kind of "rock art" in the Eastern Canadian Shield!
- 8:30 Ben Dwyer —Where We're Going, We Don't Need Roads: A Look at the

- SHUMLA Rock Art Database
- 8:45 Amanda Castaneda, Angel Johnson and Carolyn Boyd—Red Linear Roundtable: A Re-examination of Red Linear Style Pictographs in the Lower Pecos Canyonlands, Texas and Mexico
- 9:00 Vivian Scheinsohn, Claudia Szumik, Sabrina Leonardt and Florencia Rizzo—Biogeography applied to rock art distributional patterns in Patagonia: considering SW Chubut
- 9:15 Alex Ruuska and Ruth Ann Armitage—Whose Fault is it? The Rise and Fall of Spider Man Cave and Implications for Heritage Management in the Twenty First Century
- 9:30 Christopher Goodmaster, Erin King and Mark Willis—The Panther Cave Three-Dimensional Digital Documentation Project
- 9:45 Jan Simek—Discussant

**[102] SYMPOSIUM ■ SCRIBES & COMMONERS, WAR & PEACE: FORTY YEARS OF MESOAMERICAN ARCHAEOLOGY AT PENN STATE**

**Room:** L-3 (CC)

**Time:** 6:00 PM–10:00 PM

**Organizers:** Nan Gonlin and Kirk French

**Chairs:** Kirk French and Jason De Leon

**Participants:**

- 6:00 Don Rice and Prudence Rice—40 Years in Petén, Guatemala: Development of an “Invisible College”
- 6:15 Deborah Nichols and Susan T. Evans—Land and Water at Teotihuacan: A New Look
- 6:30 Randolph Widmer and Rebecca Storey—The Archaeology of Reconstruction at 8N-11, Copan, Honduras
- 6:45 Ann Freter and Elliot Abrams—The Abandonment Process at the Maya Kingdom of Copan, Honduras: A Study of Dynamic Environmental Vulnerability
- 7:00 Steve Whittington and Nan Gonlin—Mapping Teozacoalco in the field, in the classroom, and for the public
- 7:15 John Wingard—Complementarity and Synergy: Stones, Bones, Soil and Toil in the Copán Valley
- 7:30 David Reed and W. Scott Zeleznik—The Maya in the Middle: An Analysis of Sub-Royal Archaeology
- 7:45 Timothy Murtha—What’s in a number? Population estimates and archaeology of the Classic Maya
- 8:00 Zachary Nelson—Living Under the Turtle Lords: A view from Piedras Negras, Guatemala
- 8:15 Jason De Leon and Anna Forringer-Beal—The Violent and Disappearing Roads to Modern Aztlán: Archaeology of the Contemporary, Undocumented Migration, and the Politics of Conservation
- 8:30 Kirk French and Christopher Duffy—The Impacts of Landcover Change at Palenque, Mexico

- 8:45 Kirk Straight—The Production, Exchange, and Consumption of Pottery Vessels during the Classic Period at Tikal, Petén, Guatemala
- 9:00 Kenneth Hirth—Discussant
- 9:15 George Milner—Discussant
- 9:30 Michael Coe—Discussant
- 9:45 David Webster—Discussant

**[103] SYMPOSIUM ■ SOCIO-NATURAL SYSTEMS IN PASTORAL AND AGRO-PASTORAL SOCIETIES: ARCHAEOLOGICAL INVESTIGATIONS OF PASTORAL LANDSCAPES.**

**Room:** L-13 (CC)

**Time:** 6:00 PM–10:00 PM

**Organizers:** Isaac Ullah and Claudia Chang

**Chair:** Isaac Ullah

**Participants:**

- 6:00 Claudia Chang and Perry Tourtellotte—Iron Age settlement at the edge of the Eurasian Steppe: Agropastoralism, demographic expansion, and the rise of social hierarchy
- 6:15 Brian Hanks and James Johnson—Modeling Human-Environment Dynamics and Socio-Economic Change in the Bronze Age Eurasian Steppe (2100-1500 BCE)
- 6:30 Lynne Rouse—Unearthing The Impact Zone: New Data on Bronze Age Mobile Pastoralists in the Murghab Delta, Turkmenistan, and Their Role in Local Socio-Production Systems
- 6:45 Rebecca Beardmore—Perspectives on Iron Age agropastoralist landscape use in Semirech'ye from phytolith and geoarchaeological analysis: a comparison of two different ecological zones
- 7:00 Irina Panyushkina—Climate change and demography of Bronze-Iron age agropastoralists in Central Asia
- 7:15 Laura Popova—Discussant
- 7:30 Jean-Luc Houle—A Long-Term Perspective on Pastoralist Resiliency and Political Institutions: Local and Regional Considerations from Central Mongolia
- 7:45 Michael Danti—Putting the "Pastoral" in "Agropastoral": Modeling Small Ruminant Production in the Near East
- 8:00 Dan Lawrence and Tony Wilkinson—Models of demographic change associated with agro-pastoral communities in the zone of uncertainty of the Middle Euphrates
- 8:15 Jason Jorgenson—Modelling Landscapes: Landuse Analyst
- 8:30 Michael Barton—Discussant
- 8:45 Sean Bergin, Isaac I. Ullah, C. Michael Barton and Claudine Gravel Miguel—Human-Environment Interactions in a Changing Environment: A Computational Model of Agropastoral Practices and Landscapes in Neolithic Spain
- 9:00 Isaac Ullah—Simulating the long-term effects of agropastoral landuse decisions: a computational modeling approach to the Prepottery/Pottery

- Neolithic transition in northern Jordan.
- 9:15 Daniel Rogers, Claudio Cioffi-Revilla, Sarah Wise and Joseph Harrison—  
From Households to Confederations: A Long-Range Agent Model of Inner  
Asia
- 9:30 Mark Altaweel—Integrating Social-Ecological Theory within Complex System  
Modeling in Archaeology: Recent Advances and Future Direction of  
Research
- 9:45 Jason Ur—Discussant

**[104] SYMPOSIUM ■ WARI IN MOQUEGUA-IMPERIAL PROCESSES AND MULTI-ETHNIC  
INTERACTIONS**

**Room:** L-14 (CC)

**Time:** 6:00 PM–10:00 PM

**Organizer:** Donna Nash

**Chair:** Nicola Sharratt

**Participants:**

- 6:00 Patrick Williams—An Overview of the Moquegua Middle Horizon
- 6:15 Emma Thomas—Bones--the Butchered, Boiled, Baked, and Blackened: An  
Ethnozoarchaeological Exploration of Animal Bone Taphonomy at Cerro  
Mejía
- 6:30 Darcie First, William Whitehead and Matthew Biver—Paleoethnobotanical  
Analysis from Cerro Mejía, a large Middle Horizon site in Moquegua, Peru
- 6:45 Matthew Biver—Chicha and Wari: A Macrobotanical Analysis of Features  
from Cerro Baul in the Moquegua Valley, Peru
- 7:00 John Hicks and Lucy Burghardt—Obsidian Craft Specialists and Domestic  
Production at Cerro Mejía, Peru
- 7:15 Ancira Emily Baca Marroquin—Building Wari and Inka Imperial Monumental  
Architecture: a comparative study in Moquegua and Asia Valleys
- 7:30 Edward Zegarra—Roof Burning: A Wari Residential Abandonment Practice
- 7:45 Monika Barrionuevo Alba—Las actividades diarias a nivel de la unidad  
doméstica: el caso de la Unidad 17 en Cerro Mejía
- 8:00 Emily Schach—Ritual in Moquegua: An analysis of recently excavated  
offerings from Cerro Mejía.
- 8:15 Bruce Owen—Ceramic and textile evidence of Wari interactions with Osmore  
drainage populations from the sierra to the coast
- 8:30 Kirk Costion—Huaracane Production and Consumption of Chicha de Molle at  
Yahuay Alta: An Example of Indigenous Agency in a Colonial Landscape
- 8:45 Nicola Sharratt and Donna Nash—Ceramic Hybrids and Multi-ethnicity in the  
Moquegua Valley
- 9:00 Ulrike Green—Something Old and Something New: (Cross) Cultural Identity  
Formation in the Moquegua Valley during the Middle Horizon
- 9:15 Douglas Smit—"Examining Estuquiña Architecture in the Upper Osmore  
During the Late Intermediate Period"
- 9:30 Donna Nash—Wari Imperial Colonization of the Moquegua Valley: A  
Plausible Scenario?
- 9:45 Paul S. Goldstein—Discussant

**[105] SYMPOSIUM ■ WOMEN IN THE PAST: BIOCULTURAL SIGNATURES OF CONTRIBUTIONS TO AND SACRIFICES FOR SOCIETY****Room:** L-7 (CC) (entrance through L-9)**Time:** 6:00 PM–10:00 PM**Organizers:** Ryan Harrod and Pamela Stone**Chairs:** Pamela Stone and Ryan Harrod**Participants:**

- 6:00 Pamela Stone—Beyond Reproduction – Life Herstories and the Bioarchaeological Women
- 6:15 Pamela Geller and Stacey Espenlaub—Samuel Morton and the Warrior Women
- 6:30 Jane Peterson—Diverse lives: Neolithic women in the Near East
- 6:45 Molly Zuckerman and George Armelagos—Translating between biology and society: Sex, gender, syphilis, and immunology
- 7:00 Rebecca Storey—Reproductive versus Post-Reproductive-Age Women Among the Formative Maya
- 7:15 Erica Hill—Sex and Sacrifice: Moche Women in Biocultural Perspective
- 7:30 Sandra Hollimon—Women and Warfare in Native North America: Bioarchaeological Evidence, Traumatic Injuries and Gendered Interpretations
- 7:45 Dawnie Steadman—Victim, Warrior, Mother: Health consequences of female positions in Mississippian societies
- 8:00 Barbara Roth, Kathryn Baustian and Doss Powell—Women, Kin Groups, and Social Power at the Harris Site, Southwestern New Mexico
- 8:15 Sara Becker—Labor, Gender, and Identity: Bioarchaeological Activity Patterns in Individuals from the Tiwanaku State (AD 500-1100)
- 8:30 John Crandall, Debra Martin and Ryan Harrod—We Didn't Know We Were Poor: Rethinking Marginality and Gender Relations at Black Mesa (AD 900-1150)
- 8:45 Jodie O'gorman, Jennifer Bengtson and Ryan M. Tubbs—Impacts of Social Interaction among Women in the Past: A Central Illinois River Valley Case Study
- 9:00 Ryan Harrod and Debra Martin—Status and Health among the Women of Pueblo Bonito: Thinking about gender, wealth and power in the Ancestral Pueblo world (AD 900-1300)
- 9:15 Sabrina Agarwal—Thinking Outside of the Biological Female in the Box
- 9:30 Sarah Nelson—Discussant
- 9:45 Meg Conkey—Discussant

**Friday Morning ■ April 20, 2012**

**[106B] WORKSHOP: USING DECLASSIFIED CORONA SATELLITE IMAGERY IN  
ARCHAEOLOGICAL INVESTIGATIONS**

**Room:** HERITAGE I

**Time:** 8:00 AM–12:00 PM

**[106] GENERAL SESSION ■ SOCIAL AND POLITICAL IDENTITIES IN NORTHERN PERU**

**Room:** 205 (CC)

**Time:** 8:00 AM–9:15 AM

**Chair:** Andrew Turner

**Participants:**

- 8:00 John Warner—Examining the Norcosteño Model at the Late Formative  
Period North Coast Site of Jatanca, Jequetepeque Valley, Peru
- 8:15 Andrew Turner—Sex and Ceramic Production among the Moche of Ancient  
Peru
- 8:30 Guy Duke—Consuming Identities: Culinary Practice in the Late Moche  
Jequetepeque Valley, Peru
- 8:45 Aleksa Alaica—Craft Production, Identity and Place-Making in the  
Jequetepeque Valley of Peru
- 9:00 Anna Guengerich—Social and political practice in daily life at Monte Viudo,  
Chachapoyas

**[107] SYMPOSIUM ■ EXCAVATIONS AT 40MI70, A MULTICOMPONENT PREHISTORIC SITE  
ON THE TENNESSEE RIVER**

**Room:** L-4 (CC)

**Time:** 8:00 AM–9:45 AM

**Organizer:** Danny Gregory

**Chair:** Danny Gregory

**Participants:**

- 8:00 James Stewart—40MI70: A Multicomponent Archaic and Woodland Site on  
the Tennessee River
- 8:15 Keith Seramur and Ellen Cowan—Geoarchaeology Investigation at Site  
40MI70: Geochemistry, Magnetic Susceptibility and Stratigraphy of buried  
Woodland and Archaic Occupation Surfaces
- 8:30 Shawn Patch—Ground Penetrating Radar, Feature Identification, and  
Archaeological Interpretations at Site 40MI70, Marion County, Tennessee
- 8:45 Danny Gregory—A Rare Glimpse at Late Archaic Lithic Technology:  
Debitage Analysis at 40MI70 in Eastern Tennessee
- 9:00 Jeannine Windham—Zooarchaeology in the Tennessee River Valley:  
Insights from 40MI70
- 9:15 Leslie Branch-Raymer—Archaeobotanical analysis of Late Archaic to Late  
Woodland components at 40MI70, Marion County, Tennessee
- 9:30 Erin Pritchard—Making Section 106 Work

**[108] ELECTRONIC SYMPOSIUM ■ MONUMENTAL ARCHITECTURE IN SUB-SAHARAN AFRICA: DIVERSE FORMS, PURPOSES, AND CONTEXTS****Room:** Sultana (CC)**Time:** 8:00 AM–10:00 AM**Organizers:** Elisabeth Hildebrand and Matt Davies**Chair:** Elisabeth Hildebrand**Participants:**

Scott MacEachern—Monumentality in a monumental landscape: the DGB sites of northern Cameroon  
 Katherine Grillo and Elisabeth Hildebrand—Early herders and monumental sites near Lake Turkana, NW Kenya: Implications of new radiocarbon dates  
 Jeffrey Fleisher—Open Space, Commemoration, and Urban Planning at Songo Mnara, Tanzania  
 Matt Davies—Stone cairns and related structures across Eastern Africa  
 Steven Brandt and Abiyot Debebe Seifu—A Landscape Approach to Monumentality: The Megaliths of Southern Ethiopia  
 Julian Thomas—Discussant  
 Susan Gillespie—Discussant  
 Elisabeth Hildebrand and Katherine Grillo—Exploring public architecture in sub-Saharan Africa: What is monumental?  
 Innocent Pikirayi—Projecting Power: stone architecture as an expression of political ideology in the Zimbabwe tradition, AD 1280 – 1830  
 Richard Burger—Discussant

**[109] POSTER SESSION ■ ARCHAEOOMETRY****Room:** Southwest Exhibit Hall (CC)**Time:** 8:00 AM–10:00 AM**Participants:**

- 109-a Robert Cooksey and Dr. Jonathan Haws—Archaeometric analysis of four primary chert sources in Portuguese Estremadura
- 109-b Brian Yaquinto—Evaluation on Obsidian Hydration Dating and Lithic Scatters in the Owyhee Desert, Nevada
- 109-c Brad Habert—Trace elemental analysis in wood using pXRF
- 109-d Kimberley Russell—Advancements in Handheld XRF Technology for Archaeological Applications
- 109-e Nicholas Holmer, Monica Tromp, Marie Holmer and John Dudgeon—Bone char as a proxy for archaeological bone? An assessment of diagenetic element uptake in biological material
- 109-f Kyle McCandless, Laura Mazow, Anthony Kennedy, Susanne Grieve and Kim Tillapaugh—Control Methodology In Organic Residue Analysis Using FT-IR Spectroscopy
- 109-g Laura Short—Bringing cooking to light: using infrared spectroscopy to examine the effects of cooking on the chemical structure of wild foods
- 109-h David Peterson, Pavel Kuznetsov, John Dudgeon, Bradley Paige and Monica Tromp—Microstructure and trace element composition of Late Bronze Age gold work from Late Bronze Age burials in the Middle Volga (Samara, Russia, ca. 1800-1700 BC): Investigation of diffusion bonding and sources



- 109-i Krysta Ryzewski, Hassina Bilheux, Lakeisha Walker and Susan Herringer—  
Neutron Imaging of Archaeological Bronzes at Oak Ridge National  
Laboratory

**[110] POSTER SESSION ■ NORTHWEST, ARCTIC, PLAINS, ROCKY MOUNTAINS**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 110-a Ian Buvit, William H. Hedman, Steven R. Kuehn and Jeff Rasic—  
Stratigraphy, Archaeology and Late Quaternary Geological History of Raven  
Bluff, a Late Pleistocene Age Fluted Projectile Point Site in Northwest Alaska
- 110-b Edmund Gaines, William Johnson and Alan Halfen—Depositional History Of  
Archaeological Sites In Eolian Dune Contexts, Tanana Flats, Central Alaska
- 110-c Patrick Dolan and Colin Grier—The Socio-Economic Organization of a  
Complex Hunter-Gatherer Village
- 110-d Nathan Goodale and Alissa Nauman—Radiocarbon dating the Slocan  
Narrows Pithouse Village
- 110-e Alissa Nauman, Nathan Goodale and Lisa Smith—Gender and Household  
Activity in the Slocan Narrows Pithouse Village, Slocan, British Columbia
- 110-f Lisa Smith and Eric S. Carlson—Preliminary Results of Investigations at the  
s7i7stkn (Little Pit House) Site, Middle Fraser Region, British Columbia
- 110-g Todd Ahlman, Brian Herbel, Eric Carlson, T. Weber Greiser and Sunshine R.  
Clark Schmidt—Contrasting Occupations along the Kootenai River in  
Northwestern Montana: An Examination of Site 24LN2210
- 110-h John Kennedy and Paul Burnett—48SW1157: A Middle and Late Archaic  
Camp Site in the Wyoming Basin
- 110-i Tiffany Napier, Matthew Douglass, LuAnn Wandsnider and Ron Goble—  
OSL-Assisted Analysis of Past Sand Hills Resiliency in a Hyper-Dynamic  
Environment during the peri-Medieval Warm Period

**[111] POSTER SESSION ■ OBSIDIAN SOURCING STUDIES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 111-a David Ellis and Craig Skinner—Social Dimensions of Obsidian in the Portland  
Basin, Columbia River
- 111-b Aimee Nelson, Dinesh Bastakoti and John V. Dudgeon—Do performance  
characteristics explain variation in archaeological selection and use of Snake  
River obsidian?
- 111-c Richard George, Brenda Bowser and Hector Neff—Early to Middle Holocene  
Interaction: Provenance of Obsidian Artifacts from CA-ORA-64
- 111-d Helen O'Brien and Jon Boyd—XRF Analysis of Materials from the Burro  
Creek/Pine Creek Archaeological Survey
- 111-e Audrey Pazmino, Kathryn Putsavage and Jeffery Ferguson—Obsidian  
Source Evidence for Regional Interaction Throughout the Southern American  
Southwest

**[112] POSTER SESSION ■ OBSIDIAN STUDIES ACROSS THE AMERICAS: ALASKA TO ARGENTINA AND BEYOND***(Sponsored by International Association for Obsidian Studies)***Room:** Southwest Exhibit Hall (CC)**Time:** 8:00 AM–10:00 AM**Organizer:** Anastasia Steffen**Chair:** Thomas Hanson**Participants:**

- 112-a Christopher Stevenson—Obsidian Hydration Dating by Infrared Photoacoustic Spectroscopy
- 112-b Anastasia Steffen—Shattered: Direct Effects of the Las Conchas Fire at Jemez Obsidian Quarries
- 112-c M. Shackley—The Secondary Distribution of Archaeological Obsidian in Rio Grande Quaternary Sediments, Jemez Mountains to San Antonito, New Mexico: Inferences for Prehistoric Procurement and the Age of Sediments
- 112-d Elizabeth Pintar, Jorge G. Martinez and Michael D. Glascock—Obsidian Acquisition Strategies in a High Elevation Desert in NW Argentina.
- 112-e Carly Whelan, Jeffrey Ferguson, Jeffrey Rosenthal and Scott Jackson—Using PXRF and NAA to Reveal Prehistoric Mobility and Trade Patterns in Central California
- 112-f Scott Worman and Patrick Hogan—Relatively Useful: Applications of Obsidian Hydration in the Northern Rio Grande
- 112-g Valeria Cortegoso, Martin Giesso, Victor Durán, Lorena Sanhueza and Michael D Glascock—Ten years of analysis in obsidian procurement from the Early to the Late Holocene on both sides of the temperate Andes
- 112-h Thomas Hanson and Michaela Grillo—Indirect Effects of the Las Conchas Wildfire on Obsidian Lithic Reduction Sites
- 112-i Bonnie Clark—Freshmen Sourcing Obsidian? Using pXRF in the Introductory Archaeology Classroom
- 112-j Yuichi Nakazawa—Identification of thermally altered obsidian toward understanding site formation processes in prehistoric hunter-gatherer site
- 112-k Robert Speakman, R. Game McGimsey, Richard Davis, Michael Yarborough and Jeff Rasic—Obsidian in the Aleutians Islands and Alaska Peninsula
- 112-l Michelle Markovics, Robert H. Tykot and Benjamin Benson—pXRF Sourcing of Obsidian Artifacts from Pepperwood Preserve, Sonoma County, California

**[113] POSTER SESSION ■ SCIENCE IN SUPPORT OF ARCHAEOLOGY: THE ANALYSTS WHO SPEAK THROUGH THE ARCHAEOLOGISTS***(Sponsored by PaleoResearch Institute, Inc.)***Room:** Southwest Exhibit Hall (CC)**Time:** 8:00 AM–10:00 AM**Organizer:** Linda Scott Cummings**Chair:** Linda Scott Cummings**Participants:**

- 113-a Linda Scott Cummings, R.A. Varney and Charles Musiba—A Pollen Record of Vegetation Associated with Hominid Remains from the Laetoli Beds in

- 113-b Tanzania, Africa, Approximately 3 Million Years Ago  
Kathryn Puseman and Alison E. Rautman—Macrofloral Remains and Radiocarbon Dates from Frank's Pueblo, Site LA 9032, New Mexico
- 113-c Melissa Logan, Ákos Peto and Linda Scott Cummings—Got Milk? Evidence for Dairy Processing in Ceramic Vessels from Hungary
- 113-d RA Varney, Linda Scott Cummings, Amanda Evans and Patrick Hesp—Vegetation Associated with PaleoIndian Occupation on a River Terrace on the Continental Shelf Offshore from Galveston, Texas
- 113-e W. Michael Gear and Kathleen Gear—The Funding Future: Why We Must Sell Archaeology to the Public

**[114] POSTER SESSION ■ SOURCING STUDIES ON POTTERY, CHERT & OTHER ARTIFACTS**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 114-a Anne Bailey and Renne DeBruin—The effects on trace elemental signatures in ceramics after salt treatment and desalinification
- 114-b Mary Ann Fanning and J. Cameron Monroe—Political Vessels: Preliminary Perspectives on the Organization of Ceramic Production and Exchange in Precolonial Dahomey
- 114-c Edward Herrmann, Robert Mahaney, Timothy Baumann and Loren Clark—Midwest Lithic Raw Material Repository at the Glenn A. Black Laboratory of Archaeology
- 114-d Christopher Horne, Timothy Ward, Michael Galaty, Jiyan Gu and Marlaina Berch—ICP-MS and LA-ICP-MS Analysis of Albanian Artifacts
- 114-e Bryan Kendall and Jonathan T. Thomas—Raw Material Use in the Personal Ornaments of Late Neolithic and Copper Age Iberia
- 114-f Jennifer Kielhofer—A Look at Paleoindian vs. Archaic Mobility: Results of XRF Analysis of Tools and Debitage from Warner Valley, Oregon
- 114-g Catherine Prescott, Nathan Goodale, Alissa Nauman and David G. Bailey—Prehistoric Mobility and Territory in the Upper Columbia River Drainage

**[115] SYMPOSIUM ■ INDIANA JONES MUST DIE: COLLECTING AND LOOTING IN THE MEDIA**

*(Sponsored by Media Relations Committee)*

**Room:** L-2 (CC)

**Time:** 8:00 AM–10:15 AM

**Organizer:** Andrea Messer

**Chair:** Andrea Messer

**Participants:**

- 8:00 Jon Czaplicki—Is Pot-hunting a Crime or a Hobby? Utah and the Summer of 2009
- 8:15 Mary Beth Trubitt—"Tweakers 'N Diggers": Media Coverage of Looting and the Drug Connection
- 8:30 Johna Hutira, Rachel Most and Shereen Lerner—Cowboys and Aliens and Archaeologists
- 8:45 Erin Hegberg—Indiana Jones May Already Be Dead: New Images of Archaeology and Looting in Video Games
- 9:00 James Moriarity, David Griffel and Martin McAllister—Looting and the Drug

- Connection: The Danger to the Public and the Need for Public Awareness of this Threat
- 9:15 Renata Wolyneć—Surprise! Democracy AND Looting of Egyptian Antiquities?
- 9:30 Larry Murphy, Martin E. McAllister, James E. Moriarty IV and David E. Griffel—Is Archaeology Really Treasure Island?
- 9:45 Christian Haunton and Zachary Nelson—Sanctimonious Looting: Filling Yale with Machu Pichu
- 10:00 Andrea Messer—Discussant

**[116] SYMPOSIUM ■ MORTUARY PRACTICES IN THE AMERICAN SOUTHWEST: PATTERNS AND INFERENCES FROM REGIONAL DATABASES**

**Room:** L-10 (CC)

**Time:** 8:00 AM–10:15 AM

**Organizers:** Gordon Rakita and Mason Thompson

**Chair:** Sophia Kelly

**Participants:**

- 8:00 Catrina Whitley—Taos Valley Mortuary Practices: A Regional and Diachronic Perspective
- 8:15 Nancy Akins—Developmental and Coalition Period Mortuary Practices in the Northern Rio Grande
- 8:30 Debra Martin, Kathryn Baustian, Ryan Harrod and Anna Osterholtz—Looking for Patterns in a Sea of Variability: Mortuary Contexts from Disparate Southwest Groups as Correlated with Age-at-Death, Sex and Trauma
- 8:45 Alison Livesay and Patricia Gilman—Changing Mortuary Practices, Mesoamerican Macaws and Iconography, and the Advent of the Classic Mimbres Period
- 9:00 Michael O'Hara—The Local and Regional Contexts of Sinagua Mortuary Practices
- 9:15 Mason Thompson—Phoenix Basin Mortuary Practices: Performance and Treatment in Classic Period Villages of the Salt River Valley
- 9:30 Jim Watson and Rachael Byrd—Mortuary Practices of the Early Agricultural Period (2100 B.C.-A.D. 50): Early Farming Communities in the Sonoran Desert
- 9:45 Jessica Cerezo-Roman—Unpacking Identities in the Hohokam Area of Southern Arizona, Preclassic and Classic period Transition
- 10:00 Gordon Rakita—Casas Grandes Mortuary Practices: Patterns, Perspectives, & Processes

**[117] SYMPOSIUM ■ THE EMERGENCE OF MODERN HUMANS: NEW EVIDENCE FROM CONTREBANDIERS CAVE (MOROCCO)**

**Room:** L-7 (CC) (entrance through L-9)

**Time:** 8:00 AM–10:15 AM

**Organizers:** Harold Dibble and Vera Aldeias

**Chair:** Vera Aldeias

**Participants:**

- 8:00 Harold Dibble and Mohamed el Hajraoui—The Recent Excavations at Contrebandiers Cave
- 8:15 Vera Aldeias and Paul Goldberg—Stratigraphy and Site Formation

- Processes at Contrebandiers Cave, Morocco
- 8:30 Zenobia Jacobs, Michael Meyer and Richard Roberts—Single-grain OSL dating at La Grotte des Contrebandiers: age constraints for the Middle Palaeolithic levels
- 8:45 Bonnie Blackwell, E.K. CHO, J.J. Huang, Anne R. Skinner, J.I.B. Blickstein and Harold Dibble—ESR Dating at Grotte de Contrebandiers, Témara, Morocco
- 9:00 Zeljko Rezek and Harold Dibble—Middle Paleolithic Lithic Assemblages from Contrebandiers Cave, Morocco; A North African Perspective
- 9:15 Sam Lin—Cortex quantification on stone tool assemblages as proxy for lithic transport and mobility strategy at Contrebandiers
- 9:30 Emily Hallett-Desguez and Kaye Reed—The Faunal Record at Contrebandiers Cave
- 9:45 Denné Reed and W. Andrew Barr—Taphonomy and temporal variability in micromammals from Pleistocene Levels at La Grotte des Contrebandiers (Smuggler's Cave) Morocco.
- 10:00 Esteban Alvarez-Fernandez and Teresa E. Steele—Exploitation of coastal resources during the Late Pleistocene at Grotte des Contrebandiers (Temara, Morocco)

**[118] SYMPOSIUM ■ WITCHCRAFT AND SORCERY IN ANCIENT AND CONTEMPORARY MESOAMERICA**

**Room:** Ballroom E (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Jeremy Coltman and John Pohl

**Chair:** Jeremy Coltman

**Participants:**

- 8:00 Jeremy Coltman—A Darker Side of Art: The Representation of Sorcery in Ancient Mesoamerica
- 8:15 John Pohl—The Sorcerer's Cosmos: Reconstructing Codex Aubin 20
- 8:30 Timothy Knab—The Jaguar's Line: Witchcraft and Sorcery in Mesoamerica
- 8:45 John Hoopes—Emic and Etic Models for Sorcery as Medicine in Pre-Hispanic Central and South America
- 9:00 David Stuart—Sorcery, Disease and the Dark Side of Ancient Maya Political Ideology
- 9:15 Marc Zender—Ahk'ab: Night and Necromancy among the Classic Maya
- 9:30 John Monaghan—Witchcraft and Sorcery in the Colonial State
- 9:45 Michael Coe—Discussant

**[119] SYMPOSIUM ■ RECENT TRENDS IN ALBANIAN ARCHAEOLOGY: A DECADE IN REVIEW**

**Room:** L-14 (CC)

**Time:** 8:00 AM–10:30 AM

**Organizer:** Sylvia Deskaj

**Chair:** Sylvia Deskaj

**Participants:**

- 8:00 Susan Allen and Ilirjan Gjipali—Wetlands and the Transition to Agriculture in Europe: The 2010 and 2011 Excavations of the Southern Albania Neolithic Archaeological Project (SANAP) at Vashtëmi, Albania

- 8:15 Sylvia Deskaj, Maria-Grazia Amore, Lorenc Bejko, Michael Galaty and Zamir Tafilica—The 2011 Field Season of the Projekti Arkeologjikë Shkodrës (PASH), Northern Albania
- 8:30 Britney Kyle and Lynne A. Schepartz—The contribution of bioarchaeological analyses to current developments in Albanian archaeology
- 8:45 Timothy Ward, Jiyan Gu, Michael Galaty, Christopher Horne and Erin Redman—Analysis of Albanian Artifacts in the W. M. Keck Center at Millsaps College: An Instrumental Approach to Comparative Archaeology
- 9:00 Esmeralda Agolli—Pottery from the Tumulus of Kamenicë Southeast Albania Toward a Conceptual and Functional Classification System
- 9:15 Tobias Krapf—Local Traditions in a Period of Increasing Contacts: The Late Bronze Age Pottery of Sovjan in the Korçë Basin (Albania).
- 9:30 Sarah Lima—Ceramics of the Pavllas River Valley in the Late Bronze Age and Early Iron Age
- 9:45 Eduard Shehi—Terra Sigillata and local red slip ware in the southern Illyria (II cent. B.C. – II cent. A.D.)
- 10:00 Jeffrey Royal—Maritime Archaeology off the Albanian Coast: a Report from the Illyrian Coastal Exploration Program
- 10:15 Michael Galaty—Discussant

**[120] SYMPOSIUM ■ BEHAVIORAL ARCHAEOLOGY: ASSESSING THE IMPACT OF MICHAEL BRIAN SCHIFFER I**

**Room:** Ballroom D (CC)

**Time:** 8:00 AM–10:45 AM

**Organizer:** William Walker

**Chair:** James Skibo

**Participants:**

- 8:00 Mary Van Buren and Catherine Cameron—Technology Transfer and Social Inequality: Recognizing the Role of the Subaltern in Culture Change
- 8:15 Christine Szuter—Reading, Technology, and Research in the Digital World
- 8:30 Thomas Levy—Technological Innovation, Formation Processes, and Behavioral Archaeology: Applications for ancient metallurgy in Southern Jordan.
- 8:45 Lisa Young and Claire Barker—Assessing the Value of Cracked Pots at Homol'ovi
- 9:00 Masashi Kobiashi—Use-wear analysis of Pueblos cooking pots excavated from the Grasshopper site, Arizona
- 9:15 Masa Tani—Social structure reflected in the spatial structure of a settlement in rural Bangladesh
- 9:30 James Skibo—Behavioral Archaeology: An Historical Examination
- 9:45 Randy McGuire—Modern Material Culture and Ruins in Ambos Nogales (Arizona and Sonora)
- 10:00 Deni Seymour—Hospitality Theory and Socially Prescribed Mobile-Group Visiting Behavior
- 10:15 Stephanie Whittlesey and J. Jefferson Reid—Behavioral Archaeology: Assessing the Impact of Michael Brian Schiffer
- 10:30 Chris Downum—Behavioral Archaeology in a Tribal Setting

**[121] SYMPOSIUM ■ PSYCHOACTIVE SUBSTANCES IN ANCIENT SOCIETIES**

**Room:** Steamboat (CC)

**Time:** 8:00 AM–10:45 AM

**Organizer:** Scott Fitzpatrick

**Chair:** Scott Fitzpatrick

**Participants:**

- 8:00 Quetta Kaye—Power from, power to, power over? Ritual drug-taking and the social context of power among the indigenous peoples of the Caribbean.
- 8:15 Justin Jennings and Lidio Valdez—Ingredients matter: maize versus molle brewing in ancient Andean feasting
- 8:30 Sean Rafferty—Prehistoric Intoxicants of the Americas
- 8:45 Constantino M. Torres—An inquiry into the origins of the ayahuasca/yagé concept
- 9:00 Jenn Newman and Jennifer Loughmiller-Newman—Maya ritual beverage production: Considering the vessels
- 9:15 Matthew Sayre—Was Vilca the most widespread pan-Andean psychoactive plant?
- 9:30 Zuzana Chovanec—Intoxication on the wine dark sea: investigating psychoactive substances in the Mediterranean Basin
- 9:45 Victor Thompson and Thomas Pluckhahn—Pipes, Cups, Platform Mounds, and Mortuary Ritual in the Lake Okeechobee Basin of South Florida
- 10:00 Mark Merlin—Remarkable archaeobotanical discoveries of ancient burials in early 20th and 21st confirm the ceremonial Cannabis use in Central Asia during 1st millennium B.C.E.
- 10:15 Dan Seinfeld—Intoxication Rituals and Gender among the Ancient Maya
- 10:30 Scott Fitzpatrick—Psychoactive substances in ancient societies: a review

**[122] SYMPOSIUM ■ RECENT RESEARCH IN THE ISTHMO-COLOMBIAN AREA**

**Room:** 203 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Scott Palumbo and Adam Benfer

**Chair:** Adam Benfer

**Participants:**

- 8:00 Alex Geurds—Object mobility and identities in prehistoric Nicaragua: On the appropriation of material culture
- 8:15 C. Adam Berrey—Organization and Growth among Early Complex Societies in Central Panama
- 8:30 Ana Maria Boada—Regional patterning of Muisca communities in the Sabana de Bogotá, Colombia
- 8:45 Laura Brodie—Sociopolitical Organizations on the Osa Peninsula, Costa Rica: Understanding Pre-Columbian Settlement Patterns and Materials
- 9:00 Adam Benfer—Interregional “Landscapes of Movement” from the La Unión Archaeological District of Northeastern Costa Rica
- 9:15 Mónica Aguilar, Silvia Salgado and John Hoopes—Cambio Sociocultural en un asentamiento del Caribe costarricense
- 9:30 Anne Egitto and Douglas Comer—Preliminary results of the use of IKONOS imagery at the archaeological site of Nuevo Corinto, Costa Rica

- 9:45 Francisco Corrales and Adrian Badilla—Recent research of chiefdom societies in the Diquís Delta, Southeastern Costa Rica.
- 10:00 Roberto Herrera—Investigating social complexity at the site of El Cholo (SJ-59ECh), Upper General Valley, Costa Rica.
- 10:15 William Locascio—Transformations in the Expression of Status at El Hatillo, Panama
- 10:30 Kristina Eronat and Thomas Wake—Dietary & Health Status Reconstruction From the Prehistoric Panamanian Site of Boca del Drago
- 10:45 Scott Palumbo—Discussant

**[123] SYMPOSIUM ■ SOCIAL COMPLEXITY AND THE BOW IN PREHISTORIC NORTH AMERICA**

**Room:** L-3 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer:** Paul Bingham

**Chairs:** Paul Bingham and John Blitz

**Participants:**

- 8:00 Paul Bingham and Joanne Souza—Comparison of theories predicting social change in response to the bow
- 8:15 John Blitz and Eric Porth—The Temporal and Spatial Distribution of the Initial Appearance of the Bow in Eastern North America
- 8:30 Doug Kennett, Brendan J. Culleton and Christopher S. Jazwa—A Prehistoric Arms Race on the Northern Channel Islands of California
- 8:45 Paul Reed—Sedentism, Social Change, and the Bow in the Ancient Pueblo Southwest
- 9:00 Emily Zavodny, George Milner and George Chaplin—Temporal and spatial variation in late prehistoric warfare in eastern North America
- 9:15 Dale Walde—The Bow and Cultural Complexity on the Canadian Plains
- 9:30 Bob Bettinger—Effects of the Bow on Social Organization in Western North America
- 9:45 Ken Ames—Socioeconomic change, darts and arrows on the Intermontane Plateau of North America
- 10:00 Herb Maschner and Owen Mason—The bow and arrow in the far north: subsistence, war, diffusion, and political dynamics
- 10:15 Todd VanPool and Michael O'Brien—From Chaco to Paquimé: The Bow, Arrow, and Political Complexity
- 10:30 Michael Shott—Discussant
- 10:45 Lawrence Keeley—Discussant

**[124] GENERAL SESSION ■ ARCHAIC AND WOODLAND IN EASTERN NORTH AMERICA**

**Room:** River Bluff (CC)

**Time:** 8:00 AM–11:00 AM

**Chair:** Thomas Pluckhahn

**Participants:**

- 8:00 Jeffrey Dillane—Mortuary patterns in the Trent Valley, Ontario, Canada: Emerging Complexity, or Complexity made visible?
- 8:15 Zoe Morris, Christine White, Fred Longstaffe, Lisa Hodgetts and Neal Ferris—Life-stages, landscapes and human-deer interactions during the Ontario Late Woodland period: isotopic, radiographic and histological evidence



- 8:30 Ammie Mitchell—A Reanalysis of the Early Woodland Component at the Sinking Ponds Site, East Aurora, New York
- 8:45 Sean Dunham—Late Woodland Landscapes in the Eastern Upper Peninsula of Michigan
- 9:00 Brian Bates—Mortuary Practices at 44CH62 – The Randy K. Wade Site
- 9:15 Thomas Pluckhahn, Victor D. Thompson, W. Jack Rink and Brent R. Weisman—Stepped Pyramidal Mounds of the Woodland Period in the Southeastern United States
- 9:30 Lori Roe and Lara K. Homsey—Patterns of Site Use at Raffman, a Coles Creek Period (AD 700 -1200) Mound Center in Louisiana
- 9:45 Angela Cooper—Hopewell Interactions in the Illinois River Valley
- 10:00 Jason King, Douglas K. Charles and Jane E. Buikstra—Middle Woodland Chronology in the Lower Illinois Valley
- 10:15 Mark Lynott, Rolfe Mandel, James Brown and Bret Ruby—Earthen Monument Construction at Mound City, Ross County, Ohio: 2009-2011 Investigations
- 10:30 Richard Yerkes—What the Hopewell did – and didn't do – during the Middle Woodland period in the central Ohio Valley
- 10:45 William Sharp, Eric Schlarb, Greg Maggard and David Pollack—The Grassy Lake Site (15Ba144): A Terminal Late Woodland Dillinger Settlement in Ballard County, Kentucky.

**[125] SYMPOSIUM ■ MOVING FORWARD TOGETHER: THOUGHTS ON THE FUTURES FOR ARCHAEOLOGY AND INDIGENOUS PEOPLES**

*(Sponsored by Interest Group on Indigenous Populations)*

**Room:** L-5 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizer:** Teresa Nichols

**Chair:** Teresa Nichols

**Participants:**

- 8:00 Teresa Nichols—Indigeneity around the Globe: Intersections of Social Science and Social Justice
- 8:15 Rebecca Nathan—Mapping Multiple Landscapes in the Northern Bighorn Basin: An Ethnoarchaeological Study
- 8:30 Katherine Burnett—The Nostrum Springs Stage Station, A Turn of the Twentieth Century Stagecoach Stop in Rural Northwestern Wyoming: Thoughts on Merging Historical and Indigenous Archaeologies
- 8:45 Dawn Rutecki—The Ethics of Iconography
- 9:00 Claire Quimby—Alternative Approaches to Writing Indigenous Archaeology
- 9:15 Maura Hogan—The Ethics and Economics of Education: Considerations of Curriculum Reform in North American Archaeology
- 9:30 Kaeleigh Herstad—Collaborative Archaeology on a Global Scale: Challenges and Possibilities
- 9:45 Davina Two Bears—Community Based Participatory Research Methods and the Waapaahsiki Siipiiwi Mound Site Project
- 10:00 Meghan Howey—A More Personal and Less Academic Collaborative Archaeology: Reflections from Northern Michigan
- 10:15 Tim Wilcox and Lindsay Montgomery—Looking Beyond Theory: How to Practice “Indigenous Archaeology” in the Real World
- 10:30 Lindsay Montgomery—Discussant

10:45 George Nicholas—Discussant  
11:00 Michael Wilcox—Discussant

**[126] SYMPOSIUM ■ SITE-SPECIFIC PERSPECTIVES ON THE TRANS-HOLOCENE RECORD IN CALIFORNIA**

**Room:** L-11 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer:** Amy Gusick

**Chair:** Amy Gusick

**Participants:**

8:00 Amy Gusick—SCRI-691: New Perspectives of the Early Holocene on Santa Cruz Island  
8:15 Kristina Gill—The Diablo Valdez Site - Terrestrial Resource Exploitation Among Maritime Hunter-Gatherer-Fishers  
8:30 Lynn Gamble—New Perspectives on Social Structure of the Middle Holocene in the Santa Barbara Channel Region: A View from El Montón on Western Santa Cruz Island  
8:45 Christopher Jazwa, Lynn H Gamble and Douglas Kennett—A High-Precision Chronology for an Early Village Site on Western Santa Cruz Island  
9:00 Jennifer Perry—An Interior Look at the Late Holocene on the Channel Islands  
9:15 Elizabeth Sutton—Considering Nimatlala: Revisiting the Organization of Historic Period Chumash Settlement Systems  
9:30 HB Thakar—Before CA-SCRI-236 was Ch'olosush: 3000 years of occupation, subsistence, and mobility  
9:45 Leslie Reeder, Torben Rick, Jon Erlandson, Nicholas Jew and Lauren Willis—CA-SRI-666: An Early Holocene Village on Santa Rosa Island, California?  
10:00 William Hildebrandt and Richard Fitzgerald—Excavation Of A 7945 Year-Old House In The Mountains Of Northwest California: An Important Moment In The Study Of Early And Middle Holocene Adaptations In Western North America  
10:15 Terry Joslin—Reconsidering Perceptions of Late Holocene Maritime Adaptations on the Central California Coast  
10:30 Colleen Delaney-Rivera and Andrew Kinkella—Living on the Edge of Momentous Times: The Coastal Chumash of CA-VEN-1691  
10:45 Matt Armstrong—The Value of the Wide View

**[127] SYMPOSIUM ■ CHERT SOURCING; TECHNIQUES, METHODS, AND APPLICATIONS**

**Room:** Mississippi (CC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Ryan Parish and Charles Speer

**Chairs:** Ryan Parish and Charles Speer

**Participants:**

8:00 Ryan Parish—FTIR reflectance spectroscopy analysis of Dover and Ft. Payne chert  
8:15 Charles Speer—Investigation of the Edwards Plateau Chert Resources Using LA-ICP-MS  
8:30 William Andrefsky and Jennifer Ferris—Chert Formation Process and Geochemical Characterization for Archaeological Interpretation  
8:45 Michael Brandl, Chistoph Hauzenberger and Walter Postl—Chert Source

- 9:00 Provenance Studies: A Multi-Layered Approach  
Richard Gramly and David Walley—Ft. Payne Chert: Infrared Laser Spectroscopy (ILS) Dating of Palaeo-American Artifacts and Trace Elemental Characterization
- 9:15 Natalia Malyk-Selivanova, Gail Ashley, Michael Glasscock and Hector Neff—Geochemical database and its application for chert provenance: Northwestern Alaska.
- 9:30 Andy Martin, Randall Cooper, Russell Quick and Andrew Bradbury—Mapping Kentucky Chert Sources
- 9:45 Jackie Burnett—Holographic Modeling of Late Paleozoic Chert Deposits in Northern Wyoming
- 10:00 Raymond Mauldin, Leonard Kemp and Cynthia Munoz—Assessing variation in chert through digital photography
- 10:15 Brooke Milne, Robert Park and Mostafa Fayek—Chert Sourcing and Palaeo-Eskimo Lithic Raw Material Use in the Interior of Southern Baffin Island, Arctic Canada
- 10:30 Khori Newlander—Defining Paleoarchaic Chert Procurement Ranges in east-central Nevada
- 10:45 Janine Sparks and Kenneth Tankersley—A Case Study of Chert Sourcing in the Ohio River Valley: Site 33HA49
- 11:00 George Swihart, Emily Hassler, David Dye and Ying-Sing Li—Infrared Reflectance Microspectroscopy of Chert: A Non-destructive Analysis Method for Archaeological Artifacts with Potential for Sourcing
- 11:15 Judson Finley—Discussant

**[128] SYMPOSIUM ■ BRUCE H. DAHLIN MEMORIAL SESSION PART 1: ANCIENT MAYA ECONOMIES**

**Room:** L-12 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Scott Hutson and Traci Ardren

**Chair:** Aline Magnoni

**Participants:**

- 8:00 Aline Magnoni and Anthony Ranere—Bruce Dahlin in Context: A Peripatetic Scholar on the Ancient Maya and Beyond.
- 8:15 Boyd Dixon and Dennis Jones—The Economic Role of the Crossroads Complex as a Possible Market at the Site of El Mirador, Guatemala
- 8:30 Eleanor King and Leslie Shaw—Maax Na and Bolsa Verde: Contrasts in Maya Economic Strategies in the Three Rivers Region
- 8:45 Joel Gunn and Beniamino Volta—Passage to Chunchukmil in the Early Classic: Analysis of Transportation Cost
- 9:00 William Ringle and Gabriel Tun Ayora—First Season's Reconnaissance at Yaxhom, Yucatan, Mexico
- 9:15 David Hixson—Roads to a Market Economy Revisited: Andadores of the Western Maya Wetlands.
- 9:30 Traci Ardren—Inland/Coastal Circulations and Classic Maya Trade
- 9:45 Richard Terry and Eric Coronel—Geochemical detection of an ancient Maya exchange environment at Coba, MX
- 10:00 Marilyn Masson—The Plagues of Mayapan and its Prolonged Decline: Transgressing the Limits of Political and Market Resiliency
- 10:15 Clifford Brown, Larry Liebovitch, April Watson and Urszula Strawinska—Changing Inequality in Ancient Maya Society

- 10:30 Tomas Gallareta and George Bey—The role of economics in the success of 8th-10th century Maya society in the Puuc region, Yucatan, Mexico
- 10:45 Diane Chase and Arlen Chase—Marketplaces in the Southern Maya Lowlands: The Economic Integration of Caracol, Belize
- 11:00 Jacob Horlacher, Richard Terry and Laura Pyper—Geochemical analysis of Ancient Maya activities in selected plazas of Sayil and Kiuc in the Puuc Hills of Yucatan, MX.
- 11:15 Patricia McAnany—Discussant
- 11:30 Anthony Andrews—Discussant

**[129] SYMPOSIUM ■ VIRTUAL ARCHAEOLOGY: THE CREATION, DISSEMINATION, AND USE OF VIRTUALIZED ARTIFACTS, SITES, ASSEMBLAGES, AND ARCHIVES.**

**Room:** Ballroom C (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Matthew Betts, Herbert Maschner, and and Corey Schou

**Chair:** Matthew Betts

**Participants:**

- 8:00 Karen Ryan, Vanessa Oliver-Lloyd, Matthew Betts, Nicholas Clement and Robert Schlader—Determining the Cause of Trauma on a Pre-Contact Inuit Woman's Skeleton Using 3D Scanning Technology and a Comparative Virtual Zooarchaeological Reference Collection
- 8:15 Janet Young—The Role of 3D Laser Imaging in Human Remains Repatriation
- 8:30 Matthew Betts, Herbert Maschner, Corey Schou, Robert Schlader and Jonathan Holmes—Virtual Zooarchaeology of the Arctic Project (VZAP) Phase II: Building a comprehensive digital vertebrate reference collection.
- 8:45 Corey Schou, Jon Holmes, Michale Smuin, Herbert Maschner and Matthew Betts—Flexible Visual Data Systems for Data Democratization and Sharing
- 9:00 Peter Dawson, Richard Levy, Rozhen Mohammed-Amin and Kamaran Noori—Preserving Heritage and Mobilizing Traditional Knowledge using Virtual and Augmented Reality.
- 9:15 Michael Lenardi—Testing Lithic Artifact Typologies using Non-Contact Data Acquisition and Morphometrics
- 9:30 Ariane Burke and Dario Guiducci—The visual representation of climate variables: reconstructing a paleo-environment.
- 9:45 Julian Richards, Adam Brin, W Fred Limp and Judith Winters—Developing a 3D digital heritage ecosystem
- 10:00 Sarah Whitcher Kansa—Data Sharing as Publication: Establishing Editorial Policies and Workflows around Archaeological Data Dissemination
- 10:15 Bernard Means, Clinton King and John Haynes—Virtual Artifact Curation: 3D Digital Data Collection for Artifact Analysis and Interpretation
- 10:30 Eric Kansa—Linking Archaeological Data to Enable Collaboration on a Massive Scale
- 10:45 Elaine Sullivan—3D Saqqara: Exploring landscape and memory at the ancient Egyptian necropolis
- 11:00 Willeke Wendrich—Publication and Virtualization: The Cotsen Digital Archaeology Series
- 11:15 Robert Schlader, Nicholas Clement and Nicholas Holmer—Data Capture and Manipulation at the Idaho Virtualization Laboratory: Making the Physical Digital
- 11:30 Nicholas Clement and Herbert Maschner—Virtual Repositories: Methodologies for Integrating Access to Archaeological Collections.

**[130] SYMPOSIUM ■ CENTERING THE MARGINS: SOCIOPOLITICAL DEVELOPMENT IN THE ANCIENT SOUTH CAUCASUS AND ITS CONTRIBUTIONS TO GLOBAL ARCHAEOLOGY**  
(Sponsored by American Research Institute of the South Caucasus (ARISC))  
**Room:** Chickasaw (CC)  
**Time:** 8:00 AM–12:00 PM  
**Organizer:** Ian Lindsay  
**Chair:** Ian Lindsay

**Participants:**

8:00 Armine Harutyunyan—Some Results of the Study of the Neolithic in Armenia with Special Reference to the Oldest Known Pottery in Armenia  
8:15 Gregory Areshian and Pavel Avetisyan—The Rise of Social Complexity in the Chalcolithic of the Near Eastern Highlands: A View from South Caucasus  
8:30 Ruben Badalyan—The Kura-Araxes Complex: On Questions Surrounding the Status of the Cultural Phenomenon  
8:45 Roman Hovsepyan—On the Specifics and Origin of Agriculture of the Kura-Araxes Culture: Recent Archaeobotanical Data from the South Caucasus  
9:00 Mitchell Rothman—Changing Organization of Kura Araxes Culture  
9:15 Jeffrey Leon and Adam T. Smith—Devotion and Divination: The Temple Fortress at Gegharot and Rituality in the Ancient Caucasus and Near East  
9:30 Alan Greene—Within and Without: Late Bronze Age Politics in the South Caucasus and their Regional Interlocution  
9:45 Ian Lindsay—Mobile pastoralism and political allegiance: Recent findings at the Late Bronze Age fortress settlement of Tsaghkahovit, Armenia  
10:00 Maureen Marshall—Regional Practices and Local Experiences: An Osteobiographic Approach to Late Bronze Age Human Remains from the Tsaghkahovit Plain, Armenia  
10:15 Hannah Chazin—"Were the sheep sweeter?" The circulation of domesticated animals in the Late Bronze Age, the Tsaghkahovit Plain, Armenia  
10:30 Catherine Kearns and Lori Khatchadourian—An Imperial Style?: 'Achaemenid' Pottery and the Practice of Empire in Satrapal Armenia  
10:45 Lauren Ristvet—Confronting Urartu: Local Identities, Integration and Resistance in the Iron Age Caucasus  
11:00 Hilary Gopnik—Empire on edge or on the edge of empire? The unfinished building of Oglanqala Period III  
11:15 Elizabeth Fagan—Political marginalization between Rome and Parthia: a problem of centrality  
11:30 Ryan Hughes—The Eastern Vani Survey: A Preliminary Report  
11:45 Karen Rubinson—Discussant

**[131] SYMPOSIUM ■ MAYA HINTERLAND COMPLEXITY: THE VIEW FROM NORTHWESTERN BELIZE**  
**Room:** Cotton Row (CC)  
**Time:** 8:00 AM–12:00 PM  
**Organizer:** David Hyde  
**Chair:** David Hyde

**Participants:**

8:00 Jason Yaeger—A Complex Countryside: Understanding Classic Maya Hinterlands  
8:15 David Hyde—Hinterland Complexity at the Medicinal Trail Site, Northwestern

- Belize
- 8:30 Jeff Brewer—Ancient Maya Water Management at the Medicinal Trail Site, Northwest Belize
- 8:45 Jason Whitaker—Household Economy: An Example from Group E of the Medicinal Trail Community
- 9:00 Lauri Martin—Medicinal Trail Group B: Perspectives on an Elite Hinterland Community and Postclassic Visitation
- 9:15 Maia Dedrick—Agricultural Production at a Late Classic Maya Household: Off-Mound Excavations at the Medicinal Trail Site, Belize
- 9:30 Robyn Dodge—Hun Tun Complexity
- 9:45 Maria Martinez, Michael Brandl and Estella Weiss-Krejci—Hunters or warriors? A Late to Terminal Classic Maya specialized wood workshop in Northwestern Belize
- 10:00 Antonia Figueroa—Cobbles and Quandaries: Prehispanic Land Use Strategies and Residence in Northwestern Belize
- 10:15 Rissa Trachman—Ancient Maya Household Organization: A Multi-Scale Analysis from the Dos Hombres Hinterland, Northwestern Belize
- 10:30 Stan Walling, Christine Taylor, Travis Cornish, Iakov Doumanoff and Chance Coughenour—The Commoner Ballcourt at Chawak But'o'ob, Belize: Myth, Ritual, and Hydrology at a Rural Maya Site
- 10:45 Marisol Cortes-Rincon—Dos Hombres to Gran Cacao Archaeology Project: Inter-site Organization and Settlement Patterns
- 11:00 Grant Aylesworth—Ancient Maya Social Networks: Application of the Science of Networks in Archaeological Interpretation
- 11:15 Leslie Shaw and Eleanor M. King—Producing for Export: Economic Growth and Agricultural Intensification at Maax Na, Belize
- 11:30 Brandon Lewis and Yoav Me-Bar—Rural Complexity in Northwestern Belize: Insights from the site of Dos Barbaras
- 11:45 Nancy Gonlin—Discussant

**[132] SYMPOSIUM ■ PROCESSUAL ARCHAEOLOGY BEYOND BINFORD: CURRENT AND FUTURE DIRECTIONS**

**Room:** Ballroom B (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Amber Johnson and John Hays

**Chair:** Amber Johnson

**Participants:**

- 8:00 Christine VanPool and Todd VanPool—Fifty years of “Archaeology as Anthropology” as Reflected in American Antiquity.
- 8:15 Bill Lipe, RG Matson and Natalie Fast—From Survey Quadrats to Cultural Landscapes: Forty-one Years of the Cedar Mesa Project
- 8:30 Martha Graham and Matthew Schmader—Ethnoarchaeological Observation and Archaeological Patterning: A Processual Approach
- 8:45 Pei-Lin Yu—Forager intensification and the development of agriculture in the Amazon Basin
- 9:00 Anna Prentiss, Lisa Smith, Kristen Barnett, Matthew Walsh and Eric Carlson—Assessing Variability in Salmon Processing, Storage, and Consumption at Bridge River, British Columbia
- 9:15 Nora Franco and Amber Johnson—Comparing hunter-gatherer projections with the distribution of lithic raw materials in Southern Patagonia (Argentina)

- 9:30 Alan Osborn—Spurred flake gravers, eyed bone needles, and tailor-made skin clothing: Paleoindian responses to the Younger Dryas Cold Event
- 9:45 Rafael Goni and Juan Bautista Belardi—Long Term Cultural Processes in Southern Patagonia: Rock Art Distributions and Hunter-Gatherer Mobility Strategies
- 10:00 Nick Kardulias—Peripheries as Contact Zones in the Eastern Mediterranean: World-Systems Analysis and the Processual Mandate
- 10:15 Michael Smyth—Lewis Binford's Legacy to Processual Archaeology in the Maya Lowlands
- 10:30 Masahiro Kamiya—Hands of the Past, View to the Future: Seeking Knowledge Growth via a Processual Approach to Paleoethnobotany
- 10:45 John Hays—Empirical Falsification and Open Source Archaeology
- 11:00 Thomas Barrett and Stephen Brighton—Understanding Patterns and Processes in the Past and Making Archaeology Relevant In The Present: Applying Processual Principles to Prehistoric and Contemporary Archaeologies
- 11:15 LuAnn Wandsnider—Discussant
- 11:30 Rosalind Hunter-Anderson—Discussant
- 11:45 James Enloe—Discussant

**[133] SYMPOSIUM ■ THE INTERDISCIPLINARY ARCHAEOLOGY OF TWO VIRGINIA PLANTATIONS**

**Room:** L-6 (CC)

**Time:** 9:15 AM–12:00 PM

**Organizer:** Jack Gary

**Chairs:** Barbara Heath and Jack Gary

**Participants:**

- 9:15 Eric Proebsting—Seasons of Change: Community Life and Landscape at the Foot of the Blue Ridge Mountains, 1740-1860
- 9:30 Crystal Ptacek—Reconstructing Mr. Eppes' Neighborhood: A GIS Analysis of the Dynamics of Power
- 9:45 Susan Jacobucci and Heather Trigg—Vegetation History and Social Relations at Thomas Jefferson's Poplar Forest
- 10:00 Jack Gary—Ceramics and Thomas Jefferson's Aesthetic Philosophy for Poplar Forest
- 10:15 Adam Brinkman and Lori Lee—People's Remedies: Nineteenth Century Health and Consumer Practices at Poplar Forest
- 10:30 Andrew Wilkins, Crystal Ptacek and Barbara Heath—Where's What at Wingo's? Artifact and Soil Chemical Distributions at Wingo's Quarter Site, Bedford County, Virginia
- 10:45 Barbara Heath—Slave Housing, Household Formation and Community Dynamics at Poplar Forest
- 11:00 Samantha Henderson and Heather Trigg—Understanding Foodways under Thomas Jefferson: Paleoethnobotany at the Wingos Site
- 11:15 Walter Klippel—Enslaved African American Foodways from Subfloor Pit Fauna at Poplar Forest, VA
- 11:30 Jessica Bowes—Social Dimensions of Slaves' Uses of Plants at Thomas Jefferson's Poplar Forest
- 11:45 Stephen Mrozowski—Discussant

**[134] GENERAL SESSION ■ NEAR EASTERN BRONZE AND IRON AGES****Room:** 205 (CC)**Time:** 9:30 AM–12:00 PM**Chair:** Yoko Nishimura**Participants:**

- 9:30 Hasan Ashkanani, Robert Tykot and Tatsuya Murakami—A Provenance Study of Pottery from Dilmun Sites in Kuwait and Bahrain Using Non-Destructive XRF Analysis
- 9:45 Adam Allentuck—Reconciling social and economic strategies of animal consumption at an Early Bronze Age village in the southern Levant
- 10:00 Yoko Nishimura—Sacred space beneath mundane floors: a systematic comparison of material culture between household floors and intramural burials in northern Mesopotamia
- 10:15 Peri Johnson and Ömür Harmansah—Karstic mountains and infilled valleys: a comparison of Late Bronze Age through first millennium places surveyed by the Yalburt Yaylasi Archaeological Landscape Research Project
- 10:30 Kyle Olson—Revisiting Tureng Tepe: A new look at an old excavation in northeastern Iran
- 10:45 Lee Drake—Sea Surface Temperatures and Archaeology: Identifying Climatic Change in Bronze Age Greece
- 11:00 Matthew Spigelman—Attempts at the Revitalization of Society in Late Bronze Age Cyprus
- 11:15 Aaron Bobik and Levent Atici—After the Collapse: Rethinking Continuity and Disruption in the Zooarchaeological Record in Central Anatolia during the Early Iron Age
- 11:30 Robert Spengler—Ecotopes and Herd Foraging Practices in the Bronze and Iron Age, Steppe and Mountain Ecotone of Central Asia
- 11:45 Melissa Rosenzweig—Agriculture and Empire at Ziyaret Tepe: A Case of Late Assyrian Land-Use in Southeastern Turkey

**[135] SYMPOSIUM ■ PALEOLITHIC ECODYNAMICS IN SOUTHERN IBERIA****Room:** L-13 (CC)**Time:** 9:30 AM–12:00 PM**Organizers:** Jonathan Haws and Nuno Bicho**Chairs:** Jonathan Haws and Nuno Bicho**Participants:**

- 9:30 Gerd Weniger, Isabell Schmidt, Marcel Bradtmöller, Martin Kehl and Bernhard Weninger—Was Iberia a "Garden Eden" in the Late Pleistocene?
- 9:45 Telmo Pereira—Raw material management as a response to local and global environmental constraints
- 10:00 Joãoascalheira—Hunter-gatherer ecodynamics and the impact of the H2 cold event in Central and Southern Portugal
- 10:15 João Marreiros, Nuno Bicho and Juan Gibaja—No land for old people. Rethinking lithic technology from the Early Upper Paleolithic of Southwestern Iberian Peninsula.
- 10:30 Marina Évora—"Climatic changes and animal exploitation for bone tools industry in Southern Iberia during the Upper Paleolithic"
- 10:45 Emily Jones—Resource patchiness, predictability, and human settlement in Upper Paleolithic Spain
- 11:00 Michael Barton, Valentin Villaverde, Joao Zilhao, J. Emili Aura and Oreto



- 11:15 Garcia—In glacial environments beyond glacial terrains: human adaptation in Mediterranean Iberia 22,000 – 12,000 cal-BP
- 11:15 Nuno Bicho, Tiina Manne, João Marreiros, João Cascalheira and Telmo Pereira—The ecodynamics of the first modern humans in Southwestern Iberia: the case of Vale Boi, Portugal
- 11:30 Jonathan Haws, Michael Benedetti, Nuno Bicho, Telmo Pereira and Steve Forman—From the mountains to the sea: Paleolithic ecodynamics in Portuguese Estremadura
- 11:45 Isabell Schmidt—Archaeological Evidence and Culture-Environment Models – A look at the Solutrean of Southern Iberia

**[136] SYMPOSIUM ■ THE MATERIAL CULTURE OF A MULTIETHNIC COMMUNITY: NEW DISCOVERIES IN SPANISH LA FLORIDA**

**Room:** L-4 (CC)

**Time:** 10:00 AM–12:00 PM

**Organizers:** Richard Jefferies and Christopher Moore

**Chair:** Richard Jefferies

**Participants:**

- 10:00 Richard Jefferies and Christopher Moore—Mission San Joseph de Sapala: Archaeological Investigation of a 17th Century Spanish Mission Period Site on the Central Georgia Coast
- 10:15 Christopher Moore and Richard Jefferies—The Social Implications of Altamaha Ceramic Attributes
- 10:30 Renee Bonzani—New Meets Old: Botanical Evidence of Dietary Interactions during the Spanish Mission Period on Sapelo Island, Georgia
- 10:45 Carol Colaninno—Zooarchaeological Analysis of Mission Period Deposits on Sapelo Island, Georgia (USA)
- 11:00 Keith Ashley, Robert Thunen and Vicki Rolland—Santa Cruz de Guadalquini: A Mission in Transition (1684-1696)
- 11:15 Gifford Waters—Franciscan Foundations: Recent Research at the Mission of Nombre de Dios, St. Augustine's Oldest Mission
- 11:30 Rochelle Marrinan—The Apalachee Missions of Northwest Florida
- 11:45 David Thomas—Discussant

**[137] GENERAL SESSION ■ POSTCLASSIC-COLONIAL IV MAYA**

**Room:** Sultana (CC)

**Time:** 10:15 AM–12:00 PM

**Chair:** Timothy Pugh

**Participants:**

- 10:15 Patricio Davila Cabrera—Siete señoríos huastecos.
- 10:30 Rebecca Deeb—West Mexican Metal and Obsidian at Maya Sites at Lake Mensabak, Chiapas, Mexico, in the Late Postclassic to Contact Periods
- 10:45 Eleanor Harrison-Buck, Julie Bryce and Satoru Murata—Evaluating Local and Long-Distance Interaction in the Eastern Belize Watershed: An Analysis of Ceramic Styles and Technology
- 11:00 Timothy Pugh and Romulo Sanchez Polo—The San Bernabé Mission at Tayasal, Petén, Guatemala
- 11:15 Norbert Stanchly and Darcy Wiewall—Colonial Period Maya Animal Resource Utilization: Evidence from Commoner Household Excavations at Lamanai, Belize

- 11:30 Erin Schmidt—An Examination of Hacienda Architecture in Yucatán, Mexico  
 11:45 Nina Williams—La Noria: A Hydrologic Technology of Yucatán

**[138] POSTER SESSION ■ BIOARCHAEOLOGY IN EUROPE, AFRICA, AND ASIA**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 138-a Sharon DeWitte—Sex differences in periodontal disease in catastrophic and attritional assemblages from medieval London.  
 138-b Robyn Wakefield— Subadult Limb Bone Growth and Environmental Stress in a Medieval British Sample  
 138-c Anna Waterman, Marta Díaz-Zorita Bonilla, David W. Peate and Kelly J. Knudson—At home or abroad: An investigation of human migration patterns in Copper Age Spain using strontium isotopes  
 138-d Jennifer Guffey and Jonathan Haws—Together in Death: The Communal Burial of Cova das Lapas, Portugal  
 138-e Alexis Dolphin, Katharina Lorvik and Anne Karin Hufthammer—Exploring the effects of urbanisation on children's health and nutrition in early medieval Bergen, Norway  
 138-f Jack Fenner, Daryl Wesley and Fenja Theden-Ringl—Stable Isotope Analysis of Human Remains from Arnhem Land

**[139] POSTER SESSION ■ BIOARCHAEOLOGY NORTH AMERICA**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 139-a Paul Martin, John Sullivan and Blair Tormey—Cadaver Dogs as a Tool for Archaeologist: Fact or Fiction?  
 139-b Elise Alonzi—Dietary Variation on the Edge of History: Human Stable Isotopes and Maize Consumption at Protohistoric Caborn-Welborn Villages and the Angel Site in Southern Indiana  
 139-c Emily Wells, Christine White, Michael Spence and Fred Longstaffe—Isotopic Bioarchaeology of Childhood at the Sacred Heart Cemetery in Ingersoll, Ontario, Canada  
 139-d Colin Grier, Eric McLay and Michael Richards—Stable Isotopes, Human Diet and Subsistence Practices at Two Precontact Villages at Dionisio Point on the Southwestern British Columbia Coast  
 139-e Rachael Byrd—Phenotypic Variability and Microevolution of the First Farmers in the Sonoran Desert  
 139-f Susan Kuzminsky—Population affinities of prehistoric Californians: a cranial analysis using 3D geometric morphometric techniques  
 139-g Kendra Philmon, Douglas Broadfield, Michael Harris and Peter Ferdinando—A comparative study of treponemal disease in the tibiae of two south Florida archaeological populations: Fort Center (8GL12) and Highland Beach (8PB11)  
 139-h Lauren Souther and Megan Perry—A Comparative Analysis of Paleopathology and Mortuary Practices of West Site 31CK22 in Currituck County, North Carolina  
 139-i Roland Rodell and Norman C. Sullivan—Trophy Taking and Warfare in the Northern Mississippi Valley

- 139-j Kyle Waller and Robin Yim—Paleopathology and Social Inequality: A Case Study from the Late Mississippian
- 139-k Susan Spencer and Robert Mahaney—What to do with presence/absence data?: the benefits of cluster analysis in estimating the timing of trauma at a pre-Columbian site in west-central Illinois
- 139-l Andrew Thompson—Odontometric classification of sex at Mound 72, Cahokia

**[140] POSTER SESSION ■ MOBILITY AND SETTLEMENT STRATEGIES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 140-a David Byers, Chase Bilyeu, Sean Capps, Heather Craig and Brad Stefka—Site 24CB1677: An Upland Lithic Workshop in the Pryor Mountains, Montana
- 140-b John Lambert, Thomas Loebel, and Matthew G. Hill—Late Paleoindian Mobility and Settlement-Subsistence in the Western Great Lakes
- 140-c Patricia Gilman and Shelbie A. Bartlett—Periphery, Frontier, or Their Own Place: Large Classic Mimbres Sites beyond the Mimbres Valley Heartland
- 140-d Jacob Freeman, William Merrill and Robert Hard—An Optimal Model of Labor Allocation to Foraging and Farming: Understanding Northern Uto-Aztecan Subsistence Strategies.
- 140-e Adrienne Daggett—Preliminary spatial analysis of early agricultural settlements at Sowa Pan, Botswana
- 140-f Kyle Freund—GIS and Spatial Statistics in Archaeology: A Case Study from Bronze Age Sardinia (1700 B.C – 900 B.C.)
- 140-g Lara Ghisleni—Movements About the Landscape in Late Iron Age and Early Roman Dorset, South-west England

**[141] POSTER SESSION ■ ZOOARCHAEOLOGY AND ANIMAL USE**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 141-a Nathan Hamilton, Robin Hadlock-Seeley and Katherine Otterson—Maritime Resource Utilization at the Isles of Shoals, Western Gulf of Maine
- 141-b William Webb, Matthew Litvak and Susan Blair—Recent Investigations into the Role of Sturgeon in Pre-Contact Mi'kmaq Economies
- 141-c Cristie Boone—Hungry or Full: How a Forager's State Influences Subsistence Decisions
- 141-d Laura Booth, Christine D. White, Fred J. Longstaffe, Lisa Hodgetts and Zoe Morris—An isotopic analysis of faunal remains from suspected ritual deposits on Ontario Iroquoian Tradition sites
- 141-e Lindsay Foreman—Ubiquitous Fragmented Fauna: Interpreting Western Basin Cervid Processing and Discard Practices in Ontario, A.D. 800-1600
- 141-f Lydia Petinaris and David Byers—Judy's Cave: A Woodland Period Cave Site in Southwest Missouri
- 141-g Camilla Speller, Brian Kooyman, Gwyn Langemann and Dongya Yang—Documenting former elk (*Cervus elaphus*) populations and exploitation in Alberta, Canada through archaeological and ancient DNA analysis
- 141-h Cerisa Reynolds—Faunal Use and Resource Pressure at the Origins of Agriculture in the Northern U.S. Southwest

- 141-i R Beck and Douglas J. Kennett—Inferring Prey Population Histories with Ancient DNA: A Case Study in Molecular Zooarchaeology
- 141-j Jess Beck—Diachronic Change in Avifaunal Exploitation at Four Late Pueblo Village Sites in Southeastern New Mexico
- 141-k Robert DeBry—Archaeofaunal Investigations at Kipp Ruin, Southwest New Mexico
- 141-l Kristine Bovy and Jessica Watson—Comparative Analysis of Late Prehistoric Bird Use Along the Oregon Coast: Examining Umpqua/ Eden and Whale Cove
- 141-m Susan Lukowski and Colin Grier—There is Something Fishy with My Faunal Data: A Comparison of Faunal Quantification Measures for a Northwest Coast Plankhouse
- 141-n Linda Chisholm and Loukas Barton—Interpreting Early Kachemak Life through the Chiaroscuro Lens
- 141-o Kelly Derr, Doug Beyers and Colin Grier—Of Sea Urchins and Sea Lions: Analysis of a Mass Consumption Feature in a Late Period Northwest Coast Plankhouse
- 141-p Meagan Clark, Jessica Stone and Christina Giovas—1)Examining Size Differences in *Nerita* sp. between ca. AD 900-1150 at the Coconut Walk Site on Nevis
- 141-q Jason Breslin—Shellfish Use and Extraction at two Inca Period Sites in Coastal Southern Peru
- 141-r Sarah Kennedy, Maeve Skidmore and Kylie Quave—A Comparison of Middle Horizon Herding and Diet From Two Settlements in the Cusco Region, Peru
- 141-s Jacqueline Lipphardt and Julie Field—Examining Impacts of Marine Foraging Strategies in Prehistoric Hawaii
- 141-t Jennifer Everhart—The Taphonomy of Mortuary Offerings: An Examination of Faunal Remains from Bronze Age Arabian Tombs.
- 141-u Hannah Lau and Sarah Whitcher Kansa—Animal Management and Consumptive Strategies at Halaf Domuztepe: Implications for Political Economy and Social Complexity
- 141-v Meredith Wismer, François Lanoë and Alain Tuffreau—Taphonomy Examined : New Investigations at La Adam Cave (Romania)

**[142] GENERAL SESSION ■ ARCHAEOLOGY OF AFRICA****Room:** L-2 (CC)**Time:** 10:45 AM–12:00 PM**Chair:** Helina Woldekiros**Participants:**

- 10:45 Jayne Wilkins—Quantifying Lithic Raw Material Availability and Distribution during the Fauresmith (~500ka) and Acheulean occupations of Kathu Pan 1 (KP1), Northern Cape, South Africa
- 11:00 Benjamin Schoville and Kyle Brown—Formation of Impact Fractures on Heat-treated Silcrete Backed Blades from Western Cape, South Africa
- 11:15 Matthew Pawlowicz—Stable Isotope Analysis of Archaeological Sediments from Mikindani, Tanzania: Implications for Communities of the Southern Swahili Coast
- 11:30 Carla Klehm—Trade Ties, Lose Links, and the Hidden Hinterland: Focusing on the Local Political Economy in Iron Age Botswana
- 11:45 Helina Woldekiros—The Afar Caravan Route: Insights into Aksumite (150

C.E-C.E 900) Trade and Exchange from the Low Deserts to the North Ethiopian plateau.

**[143] SYMPOSIUM ■ STONE STREET ANCESTRAL RECOVERY & REBURIAL PROJECT, FLINT, MI**

**Room:** L-10 (CC)

**Time:** 10:45 AM–12:00 PM

**Organizer:** Beverley Smith

**Chair:** Beverley Smith

**Participants:**

- 10:45 William Johnson and Frank Raslich—Mitigation Through Collaboration
- 11:00 Derik Irelan—Geographical and Cultural Setting of the Stone Street Site
- 11:15 Nicole Raslich—Artifact Analysis of Stone Street Burial Ground
- 11:30 Beverley Smith—Bioarchaeology of the Stone Street Ancestral Population
- 11:45 Shannon Martin and Sonya Atalay—Learning Together: Core Tribal Values and Shared Benefits at the Flint Stone Street Ancestral Recovery Project

**[144] GENERAL SESSION ■ ZOOARCHAEOLOGICAL METHODS AND APPLICATIONS**

**Room:** L-14 (CC)

**Time:** 11:00 AM–12:00 PM

**Chair:** Melanie Miller

**Participants:**

- 11:00 Heidi Altman and Tanya Peres—Daksi: An Ethnozooarchaeology of the Eastern Box Turtle (*Terrapene carolina*)
- 11:15 Elspeth Ready and Eugène Morin—A reanalysis of ungulate indices
- 11:30 Matthew O'Brien and Curtis Storlie—A New Methodology to Anatomical Refitting using a Multivariate Approach
- 11:45 Melanie Miller, Jose Capriles and David Browman—How much of the herd do pastoralists actually consume? Reconstructing Ancient Pastoralist Food Utilization through Faunal Analysis and Stable Isotopes

## Friday Afternoon ■ April 20, 2012

### [145] GENERAL SESSION ■ METHODS FOR DIETARY RECONSTRUCTION

**Room:** 205 (CC)

**Time:** 1:00 PM–1:45 PM

**Chair:** Eleanora Reber

**Participants:**

- 1:00 Eleanora Reber—Background Residues: Pottery Firing and Lipid Persistence
- 1:15 Domingo Carlos Salazar-García, Joan Brenner-Coltrain, Mike Richards and Amanda Henry—Stable isotopes from dental calculus
- 1:30 Christina Warinner, Enrico Cappellini, Matthew Collins, M Thomas P Gilbert and Frank Rühli—Dental Calculus: A Novel Biomolecular Reservoir of Ancient Dietary and Health Indicators

### [146] GENERAL SESSION ■ ARCHAEOLOGICAL THEORY AND EPISTEMOLOGY

**Room:** L-5 (CC)

**Time:** 1:00 PM–2:45 PM

**Chair:** Jon Muller

**Participants:**

- 1:00 Mariam Dahdul—Resource Stress and the Emergence of Formal Cemeteries in Hunter-Gatherer Societies: A Case Study from the Coachella Valley, California
- 1:15 Mark Harlan—Social Network Analysis in Archaeology: New Promise of Old Error
- 1:30 Mary Leighton—Why Don't We Talk About Methods? Connecting Untheorized Methodology to Epistemological Anxieties
- 1:45 J. Scott Cardinal—Society in Hindsight: Hermeneutics and “Retro-diction”
- 2:00 Joshua Kwoka—Beyond Practice: Agency and Change in the Work of Pierre Bourdieu
- 2:15 Jon Muller—Post-World War II American Archaeology and Class Struggle
- 2:30 Matthew Harris—Refining the Concept of “Emergence” in the Modeling of Archaeological Phenomena

### [147] FORUM ■ ARCHAEOLOGY AND DESCENDANT COMMUNITIES: RIGHTS AND RESPONSIBILITIES

*(Sponsored by Committee on Ethics)*

**Room:** Mississippi (CC)

**Time:** 1:00 PM–3:00 PM

**Organizer:** Sandra Scham

**Moderator:** David Thulman

**Participants:**

- Karen Supak—Discussant
- David Thulman—Discussant
- Sandra Scham—Discussant

**[148] ELECTRONIC SYMPOSIUM ■ ARCHAEOLOGY AND THE PROTECTION OF  
UNDERWATER CULTURAL HERITAGE**

**Room:** Chickasaw (CC)

**Time:** 1:00 PM–3:00 PM

**Organizer:** Kristen Vogel

**Chair:** Kristen Vogel

**Participants:**

Marc Massom—Submerged Cultural Heritage: Effects of Popular Media on  
Recreational Diver Perceptions.

Kristen Vogel—The Myth and Reality of Treasure Hunting  
Treasure Hunting for Steamboats on U.S. Western Rivers

Ryan Seidemann—What Happens When the River Dries Up? The Law of Shipwreck  
Protection on Dry Land in Louisiana

David Ball—New Impacts to Old Sites: A Look at Renewable Energy Development  
and Historic Preservation on the Outer Continental Shelf

**[149] FORUM ■ THE FUTURE OF ARCHAEOLOGICAL PUBLISHING**

**Room:** L-10 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** Sarah Herr and T Ferguson

**Chair:** Sarah Herr

**Participants:**

Christine Szuter—Discussant

Jane Baxter—Discussant

T Ferguson—Discussant

Teresa Krauss—Discussant

Mark Aldenderfer—Discussant

Darrin Pratt—Discussant

Francis McManamon—Discussant

Deborah Nichols—Discussant

**[150] SYMPOSIUM ■ ARCHAEOLOGY, ETHNOHISTORY AND ETHNOARCHAEOLOGY OF  
SPACE: CURRENT PROJECTS AND NEW DIRECTIONS**

**Room:** L-4 (CC)

**Time:** 1:00 PM–3:15 PM

**Organizer:** Fernando Armstrong-Fumero

**Chair:** Fernando Armstrong

**Participants:**

1:00 Anna Roosevelt—Interpreting long term human landscape development in  
Amazonia

1:15 Saul Hedquist, Stewart Koyiyumtewa and T. J. Ferguson—Named Places in  
a Living Landscape: Hopi Connections to the Past, Present, and Future

1:30 Winifred Creamer, Jonathan Haas, and Henry Marcelo Castillo—A  
Culturescape Built over 5000 Years, from Late Archaic archaeology to the  
pageant of Vichama Raymi

1:45 Keiko Yoneda—Planos indígenas de casas y tierras en el centro de México

- (siglo XVI)
- 2:00 Rani Alexander—The Archaeology of Place in Ebtun, Yucatan, Mexico
- 2:15 Richard Leventhal, Kirby Farah and Randi Ragsdale—The Caste War of the Yucatan: Heritage and Economic Development
- 2:30 Christine Kray, Minette Church and Jason Yaeger—Revisiting Evenemential History: Maya Land Use in Colonial British Honduras
- 2:45 Fernando Armstrong and Julio Hoil Gutierrez—Landscape, Heritage, and the Ontology of Settlement Patterns
- 3:00 Richard Leventhal—Discussant

**[151] SYMPOSIUM ■ ROUTES AND RULERS: SHIFTING NETWORKS OF POWER AND EXCHANGE AMONG THE CLASSIC MAYA**

**Room:** Ballroom B (CC)

**Time:** 1:00 PM–3:30 PM

**Organizers:** Arthur Demarest, Marcello Canuto and Brent Woodfill

**Chairs:** Brent Woodfill and Arthur Demarest

**Participants:**

- 1:00 Keith Eppich, David Freidel, Damien Marken, Michelle Rich and David Lee Stanley Guenter—The Flag follows Trade: Material correlates from El Perú-Waka' indicating political and economic interaction in Classic-era Western Petén.
- 1:15 Melanie Forne—The very Late Classic Maya : ceramic research for the definition of an interregional level of economic interaction.
- 1:30 Tomas Barrientos, Arthur Demarest, Marcello Canuto and Liliana Padilla—Political Strategies of the Kan Kings: The Role of Palaces along the Calakmul-Cancun Royal Road
- 1:45 Chloe Andrieu—The unstable geography of the jade and obsidian Classic Maya lowland trading routes
- 2:00 Matt O'Mansky and Arthur Demarest—At the Edge of the (Lowland) World: Sebol and Shifting Trade Routes along the Highland-Lowland Interface
- 2:15 Brent Woodfill—Elite Control of Basic Resource Production and Exchange at Salinas de los Nueve Cerros, Guatemala
- 2:30 Marcello Canuto, Joanne Baron and Yann Desailly-Chanson—La Corona and Calakmul's "Royal Road"
- 2:45 Sarah Levithol and Markus Eberl—Late Classic ceramic change at Nacimiento and Dos Ceibas in Guatemala's Petexbatun region
- 3:00 Arthur Demarest—Classic Maya Ideological and Political Mechanisms for Long-Distance Exchange
- 3:15 David Freidel—Discussant

**[152] SYMPOSIUM ■ VIRGINIA FIELDS, MUSEUMS, SCHOLARSHIP, AND HER MULTIDISCIPLINARY APPROACH TO RECOVERING THE ANCIENT AMERICAN PAST**

**Room:** Ballroom E (CC)

**Time:** 1:00 PM–3:45 PM

**Organizer:** Julia Guernsey

**Chair:** F. Kent Reilly

**Participants:**

- 1:00 Dorie Reents-Budet—Art, Archaeology, and American Intellectualism
- 1:15 Kathryn Reese-Taylor—The Origins of Maya Kingship during the Middle



- Preclassic
- 1:30 Andrea Stone—Classic Maya Iconography Re-envisioned: the Terminal Classic Cementerio Platforms, Uxmal, Yucatán
- 1:45 Joanne Pillsbury and Miriam Doutriaux—Incidents of Travel: RW Bliss, Panamericanism, and the Idea of the Pre-Columbian
- 2:00 Matthew Looper—Costume Correlations in Late Preclassic Mesoamerica
- 2:15 Emiliano Melgar—Identifying Technological Styles of Lapidary Objects: The Los Angeles County Museum of Art's Mesoamerican Collection
- 2:30 Julia Guernsey and Victoria Lyall—Identity, iconography, and style in Mesoamerica: applying the methods of Virginia Fields
- 2:45 Richard Townsend—Exhibitions, Acquisitions, and Legal Restrictions
- 3:00 Carolyn Tate—The enduring record: The exhibition catalogues of V. Fields
- 3:15 David Lee and David A. Freidel—A Jester God Diadem from El Perú-Waka', Guatemala
- 3:30 Constance Cortez—"Aca y Alla": A Presentation on the Rightness of Trans-Temporal Puddle-Jumping

**[153] SYMPOSIUM ■ A WORLD OF OBSIDIAN: SOURCING, DATING AND BEYOND**

*(Sponsored by International Association of Obsidian Studies)*

**Room:** L-11 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizer:** Michael Glascock

**Chair:** Michael Glascock

**Participants:**

- 1:00 Ellery Frahm—Environmental Archaeology and Obsidian Studies: Progress and Prospects
- 1:15 Sarah Grant, James Stemp, Gyles Iannone and Tristan Carter—The politics of consumption: Contextualizing obsidian sourcing data from the Maya site of Minanha, West Central Belize
- 1:30 Mark Golitko, Hattula Moholy-Nagy, James Meierhoff and Caleb Kestle—Technological, Chronological, and Social Dimensions of Obsidian Acquisition at Tikal, Guatemala
- 1:45 Charles Knight—Ecuadorian obsidian use and source variation from the Quijos Valley along the eastern slopes of the north Andes
- 2:00 Martin Giesso, Victor Durán, Valeria Cortegoso, Lorena Sanhueza and Michael Glascock—Crystal clear?: identifying changes in obsidian procurement from the Early to the Late Holocene on both sides of the temperate Andes
- 2:15 Raven Garvey—New Obsidian Hydration Data and Prehistoric Settlement Patterns in Andean Argentina
- 2:30 Sean Dolan and Jeffrey R. Ferguson—Diachronic investigations of obsidian along the Lower Mimbres River
- 2:45 Colby Phillips—The Influence of Social Networks on Patterns of Prehistoric Obsidian Raw Material Procurement in the Kuril Islands of the North Pacific Ocean
- 3:00 Jeff Rasic, Joshua D. Reuther and Robert J. Speakman—Was Beringia a crossroads or turnstile? A look at long term patterns of human interactions through obsidian provenance data
- 3:15 Robert Cobean—Discussant
- 3:30 Robert Tykot—Discussant

**[154] SYMPOSIUM ■ BEHAVIORAL ARCHAEOLOGY: ASSESSING THE IMPACT OF  
MICHAEL BRIAN SCHIFFER II****Room:** Ballroom D (CC)**Time:** 1:00 PM–4:00 PM**Organizer:** William Walker**Chair:** James Skibo**Participants:**

- 1:00 Axel Nielsen—The Role of 'Performance Characteristics' in a Semiotics of Materiality
- 1:15 Brian Mckee—Invisible Structures: Earthen Architecture, Formation Processes, and Archaeological Recognition
- 1:30 John Douglas—Behavioral archaeology, Bayesian statistics, and chronology: The need for explicit a priori assumptions in building Paleoindian chronology
- 1:45 Alysia Fischer—Applying Behavioral Archaeology to the Fine Arts
- 2:00 Fumie Iizuka—Panamanian Pottery Life History: Intertwining Raw Material Formation, Production, and Post-depositional Processes
- 2:15 Janet Griffiths—Bones, stones, and iron: bone tool use on the Northern Plains
- 2:30 Kathleen Wheeler—The Opportunistic Midden in Post-Contact-Period New England Sites
- 2:45 William Walker—Ritual Behavior, Communication and Artifact Agency
- 3:00 Kacy Hollenback—Technological Continuity and Change Post-Disaster: A Behavioral Model
- 3:15 Patrick Lyons—A Behavioral Archaeology of Ancient Migrations
- 3:30 Donn Grenda—Pushing the Limit: Advancing Archaeological Methods on Large Field Projects
- 3:45 Vincent LaMotta—Ritual Formation Processes of the Archaeological Record

**[155] GENERAL SESSION ■ EUROPE AFTER THE NEOLITHIC****Room:** L-14 (CC)**Time:** 1:00 PM–3:45 PM**Chair:** Julia Giblin**Participants:**

- 1:00 Julia Giblin and Hanneke Hoekman-Sites—Animal product use on the Great Hungarian Plain: A synthesis of isotope and residue analyses from the Neolithic and Copper Age
- 1:15 Timothy Parsons—Baden: Modeling the Late Copper Age on the Hungarian Plain using Ceramic Petrography
- 1:30 Petya Hristova—Wearing Your Brand: Ritual Economy and Emergence of Social Complexity in the Bulgarian Chalcolithic and Early Bronze Age
- 1:45 Steven Karacic—The Household and Patterns of Descent in Mochlos, Crete
- 2:00 Eugenia Gorogianni, Jill Hilditch and Natalie Abell—Learning curve or choice? The introduction of the fast potter's wheel at Ayia Irini Kea Greece
- 2:15 Sabrina Gloux, Ellen Green and Sally McGrath—Were the LBA (Transylvania, Romania) Noua people riding horses? New evidence on a long wrongfully ascertained behaviour
- 2:30 Jacquelyn Kyle—Mortuary Ritual as Rite of Passage
- 2:45 Emma Blake—From social networks to ethnic groups in pre-Roman Italy

- 3:00 William Balco—Social Entanglement and Mixed-Style Artifacts in Western Sicily
- 3:15 Wendy Cegielski and Justin Rego—Gradiometer Survey And Magnetic Anomaly Testing Of Castro De Neixón Grande And Pequeño: Boiro, A Coruña - Galicia, Spain
- 3:30 Jennifer Shaffer Foster—Poverty, Prosperity and Power in Early Medieval Ireland

**[156] SYMPOSIUM ■ BETWEEN PACHACAMAC AND Pariacaca**

**Room:** L-6 (CC)

**Time:** 1:00 PM–4:30 PM

**Organizers:** Gabriela Oré Menéndez, Carla Hernández Garavito and Zachary Chase

**Chairs:** Gabriela Oré Menéndez and Carla Hernández Garavito

**Participants:**

- 1:00 Grace Alexandrino and Krzysztof Makowski—Luxury objects, rank and status of the inhabitants of Pueblo Viejo- Pucará (Lurin Valley)"
- 1:15 Richard Burger, Lucy Salazar and Victor Vasquez—Rethinking Agricultural Staples for the Initial Period Populations of the Lurin Valley: Scraping the Bottom of the Olla
- 1:30 Karen Spalding—Revisiting Huarochiri: forty years later
- 1:45 Karina Gerdau and Krzysztof Makowski—Taking the Dead. Skeletal insights from Tablada de Lurín, Peru
- 2:00 Gabriela Oré Menéndez and Krzysztof Makowski—The potters of Pachacamac valley: highland and coastal relationships through LA-ICP-MS ceramic analysis
- 2:15 Lucía Watson, Bastien Llamas, Krzysztof Makowski and Wolfgang Haak—Mitochondrial DNA of the individuals from an elite funerary chamber in the Inca site of Pueblo Viejo-Pucara at the Lurin Valley, Peru
- 2:30 Milagritos Jiménez Moscoll and Krzysztof Makowski—Camps outside the Second Wall of Pachacamac
- 2:45 Carla Hernández Garavito, Gabriela Oré Menéndez and Grace Alexandrino Ocaña—Excavations at Canchaje, Huarochiri: the unfinished project of the Inka.
- 3:00 Giancarlo Marcone—Lote B, Pachacamac y el valle de Lurín al comienzo del horizonte Medio
- 3:15 Krzysztof Makowski—The temples of Pachacamac and the inca imperial ideology
- 3:30 Rosabella Alvarez-Calderon—Spaces for few, spaces for many: using privacy to understand site function and complexity in an Inca period site in the middle Lurín valley, Peru
- 3:45 Enrique López Hurtado—Pachacamac and Panquilma: Power Relationships in the Lurín Valley during the Late Intermediate and Late Horizon Periods
- 4:00 Krzysztof Makowski—Discussant
- 4:15 Zachary Chase—Discussant

**[157] SYMPOSIUM ■ BEYOND DOMESTICATION: THE ARCHAEOLOGY OF THE HUMAN/DOG RELATIONSHIP****Room:** Ballroom C (CC)**Time:** 1:00 PM–4:15 PM**Organizers:** Angela Perri and Jeremy Koster**Chairs:** Angela Perri and Jeremy Koster**Participants:**

- 1:00 Greger Larson—A combined genetic and archaeological perspective on dog domestication
- 1:15 Chris Widga, Stacey Lengyel and Michael Wiant—Chronological and Morphological trends in North American Dog domestication
- 1:30 Emmett Brown—Mammoths, Rabbits, and Paleo-Pooches: Is Canis Familiaris Evidence for a post Clovis Migration?
- 1:45 Angela Perri—Early Holocene Dog Burials and Pleistocene-Holocene Climate Change
- 2:00 Vladimir Bazaliiskii, Robert Losey, Mietje Germonpre, Mikhail Sablin and Sandra Garvie-Lok—New Data on and Interpretation of Dog Burials in Siberia's Cis-Baikal
- 2:15 Cleia Detry, João Luís Cardoso, Catarina Ginja, Catherine Hanni and Ana Elisabete Pires—Pre-Historic domestic dogs from Portugal. What's up in the European far west?
- 2:30 Catherine West and Torben Rick—A View from the Coast: Stable Isotope and Zooarchaeological Analyses of Canid and Human Diets
- 2:45 Michael MacKinnon—The Breeding and Treatment of Pet Dogs in Roman Antiquity: Synthetic Assessments Linking Zooarchaeological, Ancient Textual and Artistic Data
- 3:00 Pam Crabtree—The Role of Dogs in Anglo-Saxon Society: Evidence from Eastern England
- 3:15 Peter Stahl—Fox, Dog, Amazonian Animism, and Non-Domestication
- 3:30 Jeremy Koster and Kenneth Tankersley—Ethnoarchaeological Approaches to Variation in Hunting Ability and Nutritional Status Among Dogs in Lowland Nicaragua
- 3:45 David Schmitt and Karen Lupo—Beyond Canid Taphonomy: the influence of hunting dogs and different dog deployment strategies on zooarchaeological assemblages
- 4:00 Jacqui Mulville and Paul Evans—Back to the Future? Canines, archaeology, art and engagement

**[158] SYMPOSIUM ■ EARLY MAN IN SOUTH AMERICA: NEW PARADIGMS IN LATE PLEISTOCENE / EARLY HOLOCENE ARCHAEOLOGY****Room:** Cotton Row (CC)**Time:** 1:00 PM–4:15 PM**Organizers:** Mark Hubbe and André Strauss**Chair:** André Strauss**Participants:**

- 1:00 Mark Hubbe and André Strauss—The initial Settlement of South America: Perspectives from bioanthropology.
- 1:15 James Steele—'Modelling dispersal dynamics from radiocarbon data'
- 1:30 Daniel Sandweiss—Terminal Pleistocene to Mid-Holocene Settlement and Subsistence on the Peruvian Coast
- 1:45 André Strauss, Pedro Da-Gloria and Walter Neves—Beyond Lund's

- dilemma: new perspectives from Lagoa Santa region, central Brazil
- 2:00 Dennis Vialou and Agueda Vialou—Peopling of the South America's center: Santa Elina (Brasil) a site in late Pleistocene
- 2:15 Maria Mercedes Okumura and Astolfo Araujo—The Southern Divide: Early Holocene differentiation of bifacial points from South-eastern Brazil
- 2:30 Loredana Ribeiro and Lucas Bueno—Diversification and regionalization in the peopling of Central Brazilian Plateau in the Early Holocene
- 2:45 José Lopez Mazz—Cultural changes in Pleistocene/Holocene transition in Uruguay and South of Brazil
- 3:00 José Luis Lanata, Karina Chichkoyan and Celeste De Micco—Humans as an Invasive Species in the Peopling of the Americas
- 3:15 Gustavo Martinez, María A. Gutiérrez and Eduardo P. Tonni—Sudden Changes In Zooarchaeological Assemblages During The Late Pleistocene- Early Holocene In The Argentinean Pampas: The Role Of Humans In Extinction
- 3:30 Gustavo Politis and Emily Lindsey—Humans and Pleistocene megamammals in the Pampean Region
- 3:45 Ted Goebel—Discussant
- 4:00 Tom Dillehay—Discussant

**[159] SYMPOSIUM ■ RAW MATERIAL PERSPECTIVES ON TECHNOLOGICAL CHOICE AND CHANGE**

**Room:** Sultana (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Amy Margaritis and Liye Xie

**Chair:** Liye Xie

**Participants:**

- 1:00 Liye Xie—Why scapulae?: earth-working implements from the Hemudu culture, China
- 1:15 Carol Gelvin-Reymiller—Late Holocene Toolmaking and Cervid Limb Bones: Metapodials, Methods, and Moose
- 1:30 Tammy Buonasera and Margie Burton—A Formal Optimality Model for Material Choice and Manufacturing Investment in Ground-Stone Milling Tools among Mobile Hunter-Gatherers
- 1:45 Joan Schneider—Texture and the Selection of Stone for Milling Tools: Testing the Hypothesis
- 2:00 Margie Burton and Adolfo Muniz—Patterns in Grinding Tool Lithic Choice among Hunter-Gatherers: A Case Study from San Diego County
- 2:15 Tom Fenn, Patrick Degryse, David Killick, Peter Robertshaw and Ian Freestone—Raw Material Selection in Locally Produced and Imported Glass from Ancient North Africa
- 2:30 Pablo Messineo, María Barros and Nélida Pal—Technological choices in local and non-local stone tools production and use in a ritual context (Calera site, Pampean grassland, Argentina).
- 2:45 Susan Blair and Tricia Jarratt—Colour and choice in raw material procurement in the Maritime Peninsula of the Northeast
- 3:00 Ed Stoner, Geoffrey Cunhar and Luan Fengshi—The Symbolic Importance of Color Choices in Stone Raw Material
- 3:15 Tanya Peres and Aaron Deter-Wolf—Embedded: 4,000 Years of Shell Symbolism in the Southeast
- 3:30 Kory Cooper and Carol Handwerker—Technological Choice and the

- 3:45 Greening of Electronics  
Steve Kuhn—Discussant  
4:00 Kathryn Arthur—Discussant

**[160] SYMPOSIUM ■ RECENT DEVELOPMENTS IN CULTURAL TRANSMISSION THEORY AND ITS APPLICATIONS**

**Room:** L-7 (CC) (entrance through L-9)

**Time:** 1:00 PM–4:15 PM

**Organizer:** Kristin Safi

**Chair:** Kristin Safi

**Participants:**

- 1:00 Kristin Safi—Measuring Cultural Transmission: Implications and Applications  
1:15 Matthew Boulanger and Michael O'Brien—Cultural Transmission among Eastern Fluted-Point Cultures  
1:30 Jennifer Ferris and William Andrefsky, Jr.—An Assessment of Hafted Biface Morphometric Characters and the Information They Convey  
1:45 Astolfo Araujo—On Vastness and Variability: Some Thoughts about Paleoindian Cultural Transmission in Eastern South America.  
2:00 Justin Williams—Templates, Types, and Transmission: Examining Hafted Biface Typologies  
2:15 Jelmer Eerkens and Carl P. Lipo—Cultural Transmission and Change in Pottery Technologies in the Western Great Basin  
2:30 Ethan Cochrane—Evaluating artifact classifications used to identify transmission: an example from Lapita ceramic motifs  
2:45 Sarah McClure—Cultural Transmission Theory and Abrupt Change: A View from Dalmatia  
3:00 Adam Rorabaugh—Impacts of Population Bottlenecks on the Cultural Transmission of a Neutral Continuous Trait: An Agent Based Model  
3:15 Jonathan Scholnick—Rapid stylistic change in historic New England gravestone style: Using the neutral model of artifact style to interpret decorative variation  
3:30 Mark Madsen—Improving the Fit Between Model and Data: Extreme Value Analysis of Unbiased Transmission  
3:45 Carl Lipo—Discussant  
4:00 Fraser Neiman—Discussant

**[161] GENERAL SESSION ■ RESEARCH IN GREAT BASIN ARCHAEOLOGY**

**Room:** 203 (CC)

**Time:** 1:00 PM–4:15 PM

**Chair:** Jeanne Binning

**Participants:**

- 1:00 Emily Middleton and Peter Carey—Preliminary Results of the Analysis of an Early Holocene Lithic Assemblage from Rockshelter LSP-1, Warner Valley Oregon  
1:15 Kristina Wiggins, Geoffrey Smith and Stephen LaValley—XRF Sourcing of Obsidian Artifacts from Paiute Creek Shelter, Nevada  
1:30 Nathan Harper and M. Steven Shackley—Obsidian Diversity at Big Springs (26CK948, 26CK949), Las Vegas, Nevada  
1:45 Jeanne Binning, Craig E. Skinner and Jennifer J. Thatcher—An Obsidian Biface Cache from Southern Utah

- 2:00 Justin DeMaio—Investigating Changing Prehistoric Landscape Use on the Nevada National Security Site
- 2:15 Anne DuBarton—Grinding Stones and Roasting Pits: Subsistence at Eldorado Dry Lake
- 2:30 Break
- 2:45 Nicholas Freeland—A Predictive GIS approach to High Altitude Residential Sites in the Great Basin
- 3:00 Lindsay Johansson—The Promontory as Large Game Hunters: Fact or Fiction?
- 3:15 Adrien Mooney—An Analysis of the Spatial and Temporal Distribution of Fremont Sites near Utah Lake
- 3:30 Robert Nash—Low-Level Food Production among Northern Peripheral Fremont Groups in the Northeastern Uinta Mountains of Utah
- 3:45 Katie Richards—Exploring Fremont Potting Communities: A Design Analysis of Fremont Painted Bowls
- 4:00 Jaime Dexter, Thomas J. Connolly and Christopher L. Ruiz—Nourishing Tradition: The Macrobotanical Evidence for Cultural Preservation at a Pre-Allotment Native Homestead, Beatty, Oregon

**[162] SYMPOSIUM ■ PREHISTORY AND HISTORY OF INTERACTION IN THE CAROLINAS**  
**Room:** L-2 (CC)  
**Time:** 1:00 PM–4:30 PM  
**Organizer:** Carolyn Dillian  
**Chair:** Carolyn Dillian

**Participants:**

- 1:00 Carolyn Dillian—Local Resources and Prehistoric Regional Interaction at Waties Island, South Carolina
- 1:15 Chris Young—Lithic Sourcing in the Great Pee Dee River Region
- 1:30 Joseph Herbert, Ann S. Cordell and Michael S. Smith—Grog Tempering and Woodland Interaction in the Carolina Sandhills and Coastal Plain
- 1:45 Cameron Howell—Interaction Along the Mississippian Frontier: Oscillation, Migration, or Integration in Upstate South Carolina?
- 2:00 Eric Jones—The role of ecology and interaction in the formation of complex societies in the North Carolina Piedmont
- 2:15 Ralph Bailey—Mississippian Adaptation of Late Archaic Sell Rings in Coastal South Carolina
- 2:30 Christopher Judge—Out on the Edge: Mississippian/Late Woodland Interactions in Eastern South Carolina
- 2:45 Keely Lewis—Glass Tool Use By Native Americans in the Eighteenth Century Savannah River Valley
- 3:00 Sharon Moses—Native Americans & African Americans: Interaction & Exchange in Antebellum South Carolina Lowcountry
- 3:15 Alan May—Charcoal Blast Furnaces: the Early Iron Industry in Piedmont North Carolina
- 3:30 Brooke Kenline—Searching for the Enslaved Laborers at the Reverend John Landrum Site
- 3:45 George Calfas—Asian Inspired Kilns: Industry in South Carolina
- 4:00 Christopher Fennell—Spatial Variables and 19th Century Pottery Communities in Edgefield, South Carolina
- 4:15 Charles Bello—Discussant

**[163] SYMPOSIUM ■ RECENT PROGRESS OF ARCHAEOLOGY OF ECONOMY AND SOCIAL CHANGES OF EARLY CHINA****Room:** River Bluff (CC)**Time:** 1:00 PM–4:30 PM**Organizer:** Tianlong Jiao**Chair:** Tianlong Jiao**Participants:**

- 1:00 Ofer Bar-Yosef—Late Pleistocene foragers' subsistence in south China
- 1:15 Li Liu, Xingcan Chen and Guoxiang Liu—Microscopic investigations of Early Neolithic subsistence in the Xinglongwa culture, Northeast China
- 1:30 Wei Ge, Chunming Wu, Xintian Wang and Shan Tong—Early Plant Use In South China: Evidence From Starch Analysis
- 1:45 Guiyun Jin and Fuqiang Wang—Intensive agriculture development during the Longshan Period in the Shandong highlands, eastern China
- 2:00 Geoffrey Cunhar—Looking at Crafts Under the “Archaeological Radar” in Late Neolithic China: An Examination of the Evidence for Hide Working, Lumber Production and Boat Building.
- 2:15 Xiaohong Wu—New isotope analysis of the diet in Neolithic China
- 2:30 Sascha Priewe—Late Neolithic exchange networks and social transformations in the Middle Yangzi region
- 2:45 Hui Fang and Fengshi Luan—Political economy of the Neolithic and early Bronze Age China: a perspective from cinnabar
- 3:00 Wengcheong Lam—Multi-crafting activities in bronze workshops of the Shang and Zhou dynasties
- 3:15 Xintian Wang—New investigations of the late Neolithic Shuangfendian site in middle Yangtze River
- 3:30 Gyoung-Ah Lee—Household economy in the Yiluo valley: focusing on agricultural strategies from the Late Yangshao to the Erlitou periods at the Huizui and Erlitou sites
- 3:45 Yung-Ti Li and Kwang-tzuu Chen—How Exotic are the Exotic Goods at Anyang: Sourcing Study of the Anyang Collection at the Institute of History and Philology
- 4:00 Gary Crawford—Early through Late Neolithic Plant-Based Economy and Human Ecology in the Lower Huanghe Basin, China
- 4:15 Tianlong Jiao—Investigating the economic process of prehistoric southeast China

**[164] SYMPOSIUM ■ NEW METHODS, NEW QUESTIONS AND NEW DATA FROM OLD COLLECTIONS***(Sponsored by SAA Committee on Museums, Collections and Curation )***Room:** L-3 (CC)**Time:** 1:00 PM–4:45 PM**Organizer:** HB Thakar**Chairs:** H.B. Thakar and Jacob Fisher**Participants:**

- 1:00 Michael Glassow, Jon Erlandson and Todd Braje—Getting to the Point: Using Museum Collections to Develop a Typology of Channel Islands Barbed Points



- 1:15 Todd Braje, Jon M. Erlandson, Torben C. Rick and Keith Hamm—Crescents on California's Islands: Curios, Collections, and Current Research
- 1:30 Sabrina Sholts and Sebastian Wärmländer—Morphometric variation in human crania from prehistoric California
- 1:45 John Johnson, Thomas Stafford and G. James West—Arlington Springs Man: Trials and Successes in Analyzing Ancient Bone
- 2:00 Linda Honeycutt—Tracking Early Pottery Motifs in the Four Corners Region: If it's June, this must be Santa Fe
- 2:15 Chris Merriman and Julia Clifton—The Paleoindian Occupation of the Northern Jornada del Muerto, New Mexico: Using the Robert H. Weber Collection to Investigate Regional Scale Paleoindian Land Use Patterns
- 2:30 Edward Jolie—Prehispanic Social Diversity in the American Southwest: New Insights from Chaco Canyon Museum Collections
- 2:45 Worthy Martin, Stephen Plog, Abigail Holeman, Carolyn Heitman and Adam Watson—Legacy Data, Digital Archives, and New Directions for Chaco Canyon Archaeology
- 3:00 Adam Watson and Elizabeth Bollwerk—Chemical Compositions, Microwear, and Geospatial Data: Lessons Learned and Insights Gained from the Application of Modern Analytical Techniques in Collections-Based Research
- 3:15 Timothy Baumann and G. William Monaghan—New Research with Old Data at the Glenn A. Black Laboratory of Archaeology
- 3:30 Michael Hilton, Nadine Hallmann and Gail V. Irvine—A Paleohydrologic Model of Changes in the Alaska Coastal Current Utilizing Archaeologically Derived Bivalve Shell
- 3:45 Karine Taché—Delving into Old Collections and Scratching the Surface of Early Pottery Uses in Northeastern North America
- 4:00 Annamari Antonites—Excavating a Museum Storeroom: A Collections-based Case Study from South Africa
- 4:15 Terry Childs—Discussant
- 4:30 Lynne Sullivan—Discussant

**[165] SYMPOSIUM ■ NEW PERSPECTIVES ON BAHAMAS ARCHAEOLOGY: THE LUCAYANS AND THEIR WORLD**

**Room:** L-13 (CC)

**Time:** 1:00 PM–4:45 PM

**Organizer:** Mary Jane Berman

**Chair:** Antonio Curet

**Participants:**

- 1:00 Jeffrey Blick and Eric Kjellmark—Human Impacts on a Small Island Ecosystem: Lessons from the Lucayans of San Salvador, Bahamas for This Island Earth
- 1:15 Alfredo Figueredo —Manioc Dethroned and Maize Triumphant
- 1:30 Donald T. Gerace and John Winter—Bahamian Clays and Their Processing into Palmetto Ware Ceramics
- 1:45 Mary Jane Berman —Temporal and Spatial Variability in Lucayan Ceramics
- 2:00 Emma Bate —Of Abaco Redware and Crooked Island Ware: Lucayan Ceramic Technology at the Long Bay Site, San Salvador Island
- 2:15 Perry L. Gnivecki —Early Lucayan Spatial Organization: Comparative Perspectives from Two Sites on San Salvador, Bahamas
- 2:30 Peter Sinelli —Lucayan Exploitation of Small Cay Environments in Rock Sound, Eleuthera

- 2:45 Thomas Delvaux —Evidence for Regional Trade at the Storr's Lake Site, San Salvador Island, Bahamas
- 3:00 Joanna Ostapkowicz —'Either a piece of domestic furniture...or one of their Gods': The study of Lucayan duhos
- 3:15 Charlene Dixon Hutcheson —The Impressions of Long Bay: Basketry Impressed Ceramics from the Long Bay Site, San Salvador Island, Bahamas.
- 3:30 Joost Morsink —Spanish-Lucayan Interaction: Continuity of Native Economies in Early Historic Times
- 3:45 William Schaffer —A Reappraisal of Prehistoric Human Skeletal Remains from the Bahamas Housed at the Yale Peabody Museum of Natural History
- 4:00 Jago Cooper —Discussant
- 4:15 Sophia Perdikaris —Discussant
- 4:30 William Keegan —Discussant

**[166] SYMPOSIUM ■ BEYOND EATING: FOOD, DRINK AND MEANING IN THE NEW WORLD**  
**Room:** Steamboat (CC)  
**Time:** 1:00 PM–5:00 PM  
**Organizer:** Stacy Dunn  
**Chair:** Stacy Dunn

**Participants:**

- 1:00 Ashley Sharpe, Kitty F. Emery, Charles Golden and Andrew K. Scherer—Distinguishing Status in the Maya Menu: Zooarchaeological Evidence from Three Late Classic Polities
- 1:15 John Staller—Nixtamal: Maize, Food, Symbol and Meaning in Ancient Mesoamerica
- 1:30 Kathryn Sampeck—How Chocolate Came to Be
- 1:45 Jeb Card and William Fowler—Conquistador Closing Time: Wealth, Identity, and an Early Sixteenth-Century Tavern at Ciudad Vieja, El Salvador
- 2:00 James Fitzsimmons—Food for the Dead in Ancient Mesoamerica
- 2:15 Stacy Dunn—Ritual Use and Meaning of Foodstuffs in Contact-Period Coastal Peru
- 2:30 Jason Toohey—The Daily Practice of Cuisine: Socio-Political Aspects of Foodways in the Northern Peruvian Andes
- 2:45 Kylie Quave, Gabriela C. Bertone, Li Jing Na and Paula Espósito—Royal Maize, Common Cuy? Authority and Identity on the Inka Royal Estate (Cuzco, Peru)
- 3:00 Miguel Aguilar—Ancient traditions and the use of feasts to legitimize elite status at a kancha residential structure of the Peruvian Cordillera Blanca
- 3:15 Go Matsumoto—Quotidian meals or ceremonial feasts?: Large-scale food practices at the Great Plaza of the Middle Sicán capital, northern North Coast of Peru
- 3:30 Claudine Vallieres—Feasting, Daily Culinary Practices, and Hospitality at Tiwanaku
- 3:45 Amber Vanderwarker, Gregory Wilson, Kristin Hoppa and Amy Gusick—Culture Contact, Earth Ovens, and Persistent Foodways: Archaeobotanical Analysis of a Failed Corn Roast from the C. W. Cooper site in the Central Illinois River Valley
- 4:00 Megan Springate and Amy Raes—Power of Choice: Reflections of Economic Ability, Status, and Ethnicity in the Foodways of a New Jersey Free Black Family

- 4:15 Ryan Kennedy—Approaching food in Overseas Chinese archaeology  
4:30 Elizabeth Scott—Discussant  
4:45 Susan deFrance—Discussant

**[167] SYMPOSIUM ■ BRUCE H. DAHLIN MEMORIAL SESSION PART 2: ADAPTATIONS AND MALADAPTATIONS TO ENVIRONMENTAL CHANGE**

**Room:** L-12 (CC)

**Time:** 1:15 PM–5:00 PM

**Organizers:** David Hixson and Sheryl Luzzadder-Beach

**Chair:** Timothy Beach

**Participants:**

- 1:15 Mark Brenner—Reconstructing Holocene Environments on the Yucatan Peninsula  
1:30 Payson Sheets—No it's not a forest fire on that mountain! It's a volcano and it's erupting! Let's go climb it!  
1:45 Sheryl Luzzadder-Beach, Timothy Beach, Jonathan Flood and Scott Hutson—Living on the Edge of the World: Hydrogeoarchaeology of the Chunchucmil and Uci-Cansahcab Maya Sites  
2:00 Scott Fedick and Louis Santiago—Drought Resistance and Ancient Maya Agriculture  
2:15 Nicholas Dunning, Kenneth Tankersley, Robert Griffin, Timothy Beach and Sheryl Luzzadder-Beach—Akalche: On the Origins and Maya Use of Peten Bajo Soils  
2:30 Brendan Culleton—The Geoarchaeological Record of Landscape Change at the Maya Polity of Uxbenká, Belize.  
2:45 Timothy Beach, Sheryl Luzzadder-Beach, Richard Terry and David Hixson—Bruce Dahlin and Subsistence in Maya Soil Research  
3:00 Thomas Guderjan—Developing Models of Maya Trade with data from Ambergris Caye and Blue Creek, Belize  
3:15 Cameron McNeil—The Maya of Ancient Copan: Destroyers or Preservers of Natural Resources?  
3:30 David Lentz and Kim Thompson—Environmental Implications of Agroforestry Activities of the Ancient Maya at Tikal  
3:45 Anthony Ranere and Patricia Hansell—Causes and consequences of Panama's first environmental crisis  
4:00 Arthur Joyce, Michelle Goman, Raymond Mueller and Aleksander Borejsza—Human Impact on the Landscapes of Ancient Oaxaca, Mexico  
4:15 Christopher von Nagy, Mary D. Pohl and Kevin O. Pope—Baskets of fish / Fields of ... Modeling what we know and wish we knew about Tabasco Olmec agroecology and subsistence economics  
4:30 Kevin Pope—Bruce Dahlin's Legacy in the Study of Climate and Ancient Maya Cultural Change  
4:45 Anthony Ranere—Discussant

**[168] GENERAL SESSION ■ BIOARCHAEOLOGY IN NORTH AMERICA**

**Room:** 204 (CC)

**Time:** 2:30 PM–3:30 PM

**Chair:** Christine France

**Participants:**

- 2:30 Allison Foley—Trips, Slips, and Hits: A Trauma Analysis of the Morton Site

- from the Central Illinois River Valley
- 2:45 Brooke Drew—Individual Skeletal Identification: A Comprehensive Analysis of the Milwaukee County Institution Grounds Cemetery, Wauwatosa, WI
- 3:00 Christine France, Douglas Owsley, Aleithea Warmack, Sara McGuire and Whitney Miller—Stable isotopic evidence (d13C, d15N, d18O) of diet, provenance, and demography from bones and teeth of 18th and 19th century North Americans
- 3:15 Emily Vanderpool, Bethany Turner and Hugh Matternes—Bioarchaeological Investigations of Community and Identity at McArthur Cemetery, Bibb County, Georgia

**[169] POSTER SESSION ■ INVESTIGATING EARLY AMERICA: CURRENT ARCHAEOLOGICAL RESEARCH BY THE CENTER FOR THE STUDY OF THE FIRST AMERICANS**

*(Sponsored by Center for the Study of the First Americans)*

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Organizer:** Jessi Halligan

**Chair:** Jessi Halligan

**Participants:**

- 169-a Jesse Tune and Kayla A. Schmale—Coats-Hines: A Potential Pre-Clovis Mastodon Butchering Site in Tennessee
- 169-b Jessi Halligan—Geoarchaeological framework of the lower Aucilla River basin, northwestern Florida
- 169-c Joshua Keene and Clayton Marler—Geoarchaeological Survey at the Idaho National Laboratory: Initial Findings at the Pioneer Site (10BT636)
- 169-d Thomas Jennings and Michael R. Waters—The Hogeye Clovis Cache, Texas
- 169-e John Blong—Prehistoric Upland Adaptations in the Upper Susitna Basin, Central Alaska
- 169-f Joshua Lynch—The 2011 Archaeology Survey of the Upper Tanana River Basin, Alaska
- 169-g Heather Smith—Preliminary Analysis of Fluted-Point Technology at Serpentine Hot Springs, Alaska
- 169-h Marion Coe—A Materials Analysis of Perishable Artifacts from Four Siblings Rockshelter, Nevada.
- 169-i Angela Younie and Thomas Gillespie—Cultural Associations at the Linda's Point Site, Healy Lake, Alaska
- 169-j Angela Gore and Kelly Graf—Technological Activities at the Owl Ridge Site

**[170] POSTER SESSION ■ RECENT INVESTIGATIONS IN WESTERN AND CENTRAL PENNSYLVANIA**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Organizer:** Beverly Chiarulli

**Chairs:** Laura Kaufman and Renate Beyer

**Participants:**

- 170-a Renate Beyer, Ben Ford and Michael Whitehead—Digitizing Historic Hanna's Town: Translating Legacy Data into Digital Data
- 170-b Amanda Snyder and Lydia DeHaven—Stuck in a Rut: The Search for Historic

- Forbes Road
- 170-c Laura Kaufman—What Difference Does Fifty Years Make? The Comparability of Johnston Site Faunal Assemblages
- 170-d Emily Poeppel, Marion Smeltzer and Brandon Foster—Using Magnetic Susceptibility Surveys to Map Late Prehistoric Sites in Western Pennsylvania
- 170-e Lydia DeHaven, Meghan Pace and Beverly Chiarulli—Investigation of the Squirrel Hill Site and other Late Prehistoric Sites in the Conemaugh Watershed in western Pennsylvania
- 170-f Jordan Galentine—Revised Results of Rim Sherd Analysis of Crooked Creek Sites and the Johnston Site
- 170-g Marion Smeltzer—Reconstructing the Inaccessible Past
- 170-h Sara Rubino—A Closer Look at the Lower Liebhart Site
- 170-i Michael Deemer—Heating it up at the Johnston Site
- 170-j Michele Troutman—Lithic Analysis: The Raw Materials Present in the Lithic Artifacts of the Johnston Site (36In2)

**[171] POSTER SESSION ■ ROCK ART AND LANDSCAPE FEATURES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 171-a Joanne Mack—Rock Features of the Upper Klamath River, California and Oregon
- 171-b Elizabeth Lynch, Laura Holthus and Susan Simons—Does size really matter? An investigation of inter-observer error rate in the field recording of bedrock grinding surfaces in southeastern Colorado.
- 171-c E. Adams, Richard Lange, Vincent LaMotta and Elisabeth Cutright-Smith—Survey and Excavations by the University of Arizona Fieldschool at Rock Art Ranch
- 171-d Benjamin Snow and Will Russell—Petroglyphic Analysis on Perry Mesa
- 171-e Kelly Stehman—Rock Art Revisited
- 171-f Alice Tratebas—Damaging Effects of Wildfire Ash on Rock Art

**[172] POSTER SESSION ■ UNDERWATER MAYA: INVESTIGATING SUBMERGED AND WATERLOGGED SITES IN SOUTHERN BELIZE**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Organizers:** Heather McKillop and Elizabeth Sills

**Chair:** Elizabeth Sills

**Participants:**

- 172-a Heather McKillop and Terance Winemiller—Ancient Maya Salt Works, Paynes Creek National Park, Belize: Constructing and Using a GIS for Field Research and Analysis
- 172-b Elizabeth Sills and Heather McKillop—Activity Areas At Two Ancient Maya Salt Works: Underwater Excavations
- 172-c Mark Robinson and Heather McKillop—Wood Selection Strategies and Resource Exploitation at Two Ancient Maya Salt Works, Paynes Creek National Park, Belize
- 172-d Tamara Spann, Rachel Watson and Heather McKillop—Underwater Transect Excavations: Searching for Salt Production at the Eleanor Betty Site, Paynes Creek National Park, Belize

- 172-e Taylor Aucoin and Heather McKillop— Defining Activities Areas by Transect Excavations at the Eleanor Betty Underwater Maya Site, Paynes Creek National Park, Belize
- 172-f Jessica Harrison, Roberto Rosado, Heather McKillop and Elizabeth C. Sills— Sediment History at three Inundated Salt Works: Human-Environment Interaction in Paynes Creek National Park, Belize
- 172-g Kelly Heim, Heather McKillop, Zoe Morris and Rosemary Joyce—Dental Genetic Traits of Selected Maya Burials From Wild Cane Cay and Moho Cay, Belize

**[173] GENERAL SESSION ■ GEOARCHAEOLOGY AND GEOPHYSICS****Room:** 205 (CC)**Time:** 2:45 PM–5:00 PM**Chair:** Doug McFarland**Participants:**

- 2:45 Paul Thacker—Evaluating pedoturbation at archaeological sites in sand-rich sediments
- 3:00 Anna Wieser—Soil Science in Southeastern Archaeology: a Discussion of Its History and Preliminary Results of Soil Studies at Crenshaw (3MI6)
- 3:15 Teresa Wriston and Gary Haynes—Sediments, Soils, and the End of the Stone Age: A Geoarchaeological Analysis of Mid-to-Late Holocene Environments in Zimbabwe
- 3:30 Doug McFarland—Magnetic Susceptibility in the Semi arid Northwest: Compliance and Paleoenvironments with Geophysical Science.
- 3:45 Howard Cyr, Jeremy Blazier, Anna Lunn and Guy Weaver—Floods, Fans, and Families: Prehistoric occupations of stable landforms along a dynamic Southeastern river system.
- 4:00 Bulent Arikan—Evolving Landscapes: The Effects of Climate Change and the Anthropogenic Impacts on the Environment of the Wadi el-Hasa, West-Central Jordan
- 4:15 K. Patrick Fazioli—Reconstructing Past Landscapes in Southeastern Austria: A Multidisciplinary Approach
- 4:30 Anna Kotarba Morley, Steven Sidebotham, Iwona Zych, PJ` Cherian and Paul Shajan—The changing landscapes of Indo-Roman ports and harbours: results from the geoarchaeological landscape and seascape survey in Berenike (Egypt) and Pattanam (India)
- 4:45 Christine Markussen and John Pouncett—A Reflexive Approach to Topographic Survey and Near Surface Geophysics

**[174] SYMPOSIUM ■ IN HONOR OF WILLIAM M. GARDNER: THE INESCAPABLE SIGNIFICANCE OF CULTURAL ECOLOGY AND ENVIRONMENTAL SCIENCES IN ARCHAEOLOGY****Room:** L-5 (CC)**Time:** 3:15 PM–5:00 PM**Organizers:** Carole Nash and Heather Wholey**Chair:** Carole Nash**Participants:**

- 3:15 John Foss—"Dirt" to Soil: Advances in the Application of Soil Science to Archaeological Studies
- 3:30 George Pevarnik—A Petrographic Reappraisal of Pottery Aplastics: Some

- 3:45 Theoretical and Methodological Implications for Analysis and Interpretation  
William Schindler—Location, Location, Location: The Archaeology of Prime Fishing Site Selection in the Delaware Valley
- 4:00 Carole Nash—Hunter-Gatherers, Resilience Theory, and the American Chestnut Forest: Persistence and Change in the Middle Atlantic Uplands
- 4:15 Heather Wholey—Modeling Hunter Gatherer Population Ecology in the Eastern Woodlands
- 4:30 Gregory Lattanzi and R. Michael Stewart—American Indian Archaeology of the Historic Period in the Delaware River Valley of the Middle Atlantic Region, Eastern United States
- 4:45 Russell Handsman—Landscape Ecologies and Reservation Lives: Towards an Archaeology of Mashantucket Pequot Gardens, Southeastern Connecticut

**[175] GENERAL SESSION ■ ENVIRONMENT AND CULTURE WEST OF THE ANDES**

**Room:** Chickasaw (CC)

**Time:** 3:45 PM–4:45 PM

**Chair:** Izumi Shimada

**Participants:**

- 3:45 Miriam Dominguez—Dynamic communities in a dynamic littoral: Spatial Modeling of an Early Holocene Mangrove Formation in the Santa Elena Peninsula, South Western Ecuador
- 4:00 Izumi Shimada and Barbara Winsborough—Tsunamis and Coastal Peruvian Prehistory
- 4:15 Markus Reindel—Settlement Dynamics on the Western Slope of the Andes in the South of Peru
- 4:30 Benjamin Vining—Systems-scale, change thresholds, and resilience in the settlement and climatic history of the Lake Suches Highlands, Peru

**[176] GENERAL SESSION ■ BIOARCHAEOLOGY IN EUROPE**

**Room:** 204 (CC)

**Time:** 4:00 PM–5:00 PM

**Chair:** Sebastian Warmlander

**Participants:**

- 4:00 Marcello Mannino, Antonio Tagliacozzo, Vincenzo Formicola, Elisabetta Starnini and Michael P. Richards—Mediterranean human diets in the Late Pleistocene: an isotopic study of the Upper Paleolithic hunter-gatherers buried at the Arene Candide cave in Liguria (Italy)
- 4:15 Jordan Karsten, Gwyn Madden and Taras Tkachuk—Above and Below in Western Ukraine: A Comparative View of Tripolye mortuary practices from Bilshivitsi Village and Verteba Cave
- 4:30 Sebastian Warmlander, Sabrina Sholts, Rose Drew and Elin Sundman—Creating a biological profile of the skeletons from Cronan, the Swedish 17th century flagship
- 4:45 Sean Denham, Mads Ravn, Paula Utigard Sandvik, Hege Hollund and Laura Van der Sluis—Commingle human remains from beneath Stavanger Cathedral

## Saturday Morning ■ April 21, 2012

**[177] GENERAL SESSION ■ ARCHAEOLOGY IN OCEANIA****Room:** 204 (CC)**Time:** 8:00 AM–9:30 AM**Chair:** John Krigbaum**Participants:**

- 8:00 Jennifer Huff—Lithic Reduction and Mobility in late Pleistocene and Holocene Eastern Highland New Guinea
- 8:15 Amelia Schaub, John Krigbaum, Scott Fitzpatrick and Greg Nelson—Palau Paleodiet: New Insights From Stable Isotope Ratio Analysis of Human Bone
- 8:30 Cecilia Smith, Eusebio Dizon and Clyde Jago-On—The Bacong Archaeological Project: Investigating Metal Age Landscape Use on Negros Oriental, Philippines
- 8:45 Clayton Meredith and John Dudgeon—Analysis of dental material diagenesis using FTIR as an indicator for potential further biomolecular analysis: a case study in the Pacific
- 9:00 Mallory Messersmith and Sharyn Jones—Domestic and Ritual Cooking: Ethnoarchaeology of Fire Features in Fiji's Lau Group
- 9:15 Thegn Ladefoged, Chris Stevenson, Oliver Chadwick and Peter Vitousek—The micro-sweet spots of Rapa Nui rock gardens.

**[178] GENERAL SESSION ■ ARCHITECTURE, BUILT ENVIRONMENT, AND COMPLEX SOCIETIES IN THE ANDES****Room:** Mississippi (CC)**Time:** 8:00 AM–9:30 AM**Chair:** Thomas Pozorski**Participants:**

- 8:00 Martin Authier—Monument, Memory, and Exchange at Huaricanga, Peru
- 8:15 Thomas Pozorski and Shelia Pozorski—Exploring Multiphase Construction within the Monumental Architecture at the Initial Period Site of Huerequeque within the Casma Valley of Peru
- 8:30 Giles Morrow—As Above, So Below: Lacustrine Mimesis and Cosmological Dualism in the Ancient Andean Plaza Hundida Tradition
- 8:45 Francisco Garrido—The Inca Road and the economic exploitation of the Atacama Desert
- 9:00 Monica Barnes—Storage in Huánuco Pampa: A Re-evaluation
- 9:15 David Brown—Water, power and culture on the northern frontier: Inka water systems in Ecuador

**[179] SYMPOSIUM ■ EXPLORING MESOAMERICA'S SUBTERRANEAN REALM, PART 1: CAVE MEANING, SYMBOLISM AND ICONOGRAPHY****Room:** L-4 (CC)**Time:** 8:00 AM–9:30 AM**Organizers:** James Brady and Jaime Awe**Chair:** Crystal Kieffer**Participants:**

- 8:00 Rebecca Sload—Caves in hill sign toponyms



- 8:15 James Brady and Jeremy Coltman—Have We Learned Nothing Since Seler?  
A Critical Rethinking of the Meaning of Bats in Classic Maya Iconography.
- 8:30 Mario Giron—Bliss in the Hands of an Ancient Maya Conjuror
- 8:45 Allan Cobb and James Brady—Reevaluating Image and Chronology in Maya  
Speleothem Rock Art
- 9:00 Paulo Medina—Cave Maw or Jaws of the Sky? Reassessing a Zapotec Motif
- 9:15 Valentina Licitra and James E. Brady—A Critical Reexamination of Drawing  
18, "The Copulating Couple," at Naj Tunich

**[180] GENERAL SESSION ■ PRE-CLOVIS AND THE PEOPLING OF THE NEW WORLD**

**Room:** L-3 (CC)

**Time:** 8:00 AM–9:30 AM

**Chair:** E. Dixon

**Participants:**

- 8:00 Kelly Graf, Nancy Bigelow, Ted Goebel, Angela Gore and Angela Younie—  
Dry Creek Site Revisited, Examining the Type-Site for Separation of Nenana  
and Denali Complexes
- 8:15 Stephan Heidenreich—Tools in the Tundra – Man on the Move: Site Function  
and Settlement Systems in Late Pleistocene Eastern Beringia
- 8:30 E. Dixon—Shuká Kaa: 10,200-Year-Old Man Provides Evidence of Early  
Maritime Adaptations and Coastal Migration
- 8:45 Caroline Ketron—Early Paleoindian Colonization and Fluted Point Transport
- 9:00 William Reitze—Once a Pre-Clovis, Only a Pre-Clovis? Investigation of the  
Lucy Site, Central New Mexico
- 9:15 David Echeverry and Beatrix Dudzik—The Peopling of the Americas:  
Reconciling Conflicting Lines of Evidence

**[181] GENERAL SESSION ■ ARCHAEOLOGY IN OAXACA**

**Room:** L-13 (CC)

**Time:** 8:00 AM–9:45 AM

**Chair:** Jeffrey Blomster

**Participants:**

- 8:00 Jeffrey Blomster and Kristina Short—Figurines, Ritual, and Social  
Complexity: Diachronic Shifts in Quantity and Content in Formative Oaxaca,  
Mexico
- 8:15 Ayla Amadio—Intra-site Variation in Non-Obsidian Lithics from Formative  
Tayata, Oaxaca, Mexico
- 8:30 Marijke Stoll—Urbanization and the Transformation of Society in the Mixteca  
Alta
- 8:45 Michelle Butler—Early Terminal Formative and Early Classic Contexts at  
Charco Redondo, Oaxaca
- 9:00 Kathleen Paul and Michelle Butler—Childhood, Ritual And Identity In An  
Early Classic Context At Charco Redondo, Oaxaca
- 9:15 Stefan Brannan, Stephen Kowalewski, Laura Stiver and Ellen Turck—The  
mapping of Cerro Verde, in the Valley of Coixtlahuaca, Oaxaca, Mexico.
- 9:30 Elizabeth Konwest, Alex Elvis Badillo and Stacie M. King—Recent  
archaeological investigations in the Nejapa Region of Oaxaca, Mexico

**[182] SYMPOSIUM ■ LANDSCAPE ARCHAEOLOGY IN SOUTHEAST ASIA****Room:** Chickasaw (CC)**Time:** 8:00 AM–9:45 AM**Organizers:** Stephen Acabado and Cyril Calugay**Chair:** John Peterson**Participants:**

- 8:00 John Peterson—Landscape evolution in Cebu, central Philippines: the impact of sea level, social history, and tectonism on cultural landscapes
- 8:15 Mitch Hendrickson—The Hydraulic Nodes of Empire: Examining the cultural significance of artificial water tanks within the 6th to 15th c. Khmer landscape
- 8:30 Michael Dega and D Kyle Latinis—The Social and Ecological Trajectory of Prehistoric Cambodian Earthworks
- 8:45 Stephen Acabado—The Ifugao landscape: complementary agriculture and the intensification debate
- 9:00 Stephen Murphy—Buddhism and its Development in Northeast Thailand and Central Laos: A landscape archaeology approach to Dvaravati Period settlement patterns and Buddhist material culture
- 9:15 Cyril Calugay—The Archaeology of Philippine Islands
- 9:30 David Carlson—Agency and materiality on colonial-period plantations in Southeast Asia

**[183] GENERAL SESSION ■ ARCHAEOLOGY OF THE SOUTHWEST****Room:** River Bluff (CC)**Time:** 8:00 AM–10:00 AM**Chair:** Ronald Towner**Participants:**

- 8:00 Robert Hard, John Roney, A.C. MacWilliams, Lori Barkwill Love and Raymond Mauldin—An Intensive Late Archaic Period Occupation in Southwestern New Mexico
- 8:15 John Roney, Charles Smith, Robert Hard and A.C. MacWilliams—Archaic Use of Playas in Southwestern New Mexico
- 8:30 Jim Railey—Lithics and Mobility: A Case Study from the Albuquerque Basin Late Archaic
- 8:45 Allison Harvey—Prehistoric Land-use Patterns throughout the Dunes of White Sands National Monument
- 9:00 Dana Rosenstein, Ronald H. Towner, Gregory W.L. Hodgins, Steven Baker and Jeffrey Dean—Jutten Lodges: A Case Study Radiocarbon Dating Ute Sites
- 9:15 Ronald Towner, Steve Baker, Jeffrey Dean, Dana Rosenstein and Greg Hodgins—Fuelwood Availability and Radiocarbon Dating on the Northern Colorado Plateau
- 9:30 Veronica Arias—Spatial Modeling of Site Locations within the Fort Wingate Complex in Western New Mexico
- 9:45 Shaun Phillips and Phillip Leckman—Trail Use and Context in the Southern Jornada Mogollon Landscape

**[184] POSTER SESSION ■ A VIEW FROM UPSTREAM: CURRENT RESEARCH AND PERSPECTIVES ON THE LATE PREHISTORIC PERIOD IN THE MID- TO LOWER OHIO RIVER VALLEY**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** Anthony Krus

**Chair:** Jeremy Wilson

**Participants:**

- 184-a Anthony Krus, Timothy Schilling, George Monaghan, Timothy Baumann and Jeremy Wilson—Angel Mounds Chronology: A Bayesian Approach
- 184-b Jeremy Wilson—The Paleodemography of Angel Mounds: Booming, Busting or Just Getting By?
- 184-c Erica Ausel—On the Edge: Life and Death at the Angel Site
- 184-d Rebecca Barzilai—Painting walls in the Lower Ohio River Valley: Investigating the perceived landscape of the Angel Site (12Vg1) and beyond
- 184-e Christopher Schmidt and Lindsay Frazer—Were Mississippians the apex of maize consumption: Evidence from the teeth
- 184-f Joel Marshall—A Geophysical Survey of Two Mounds at the Angel Site
- 184-g Charla Marshall and Frederika Kaestle—Ancient DNA from Angel Mounds
- 184-h Matthew Pike—Beyond the Palisade: Using geophysical remote sensing techniques to investigate life outside the walls at Angel Mounds
- 184-i Maria Raviele—Winter, Spring, Summer, or Fall?: Palynological Evidence for Seasonal Mound Construction of Angel Mound A

**[185] POSTER SESSION ■ EASTERN US**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 185-a Nichole Gillis and Alan Leveillee—The Late Archaic–Early Woodland Transition: Evidence from the Cedar Swamp Archaeological District in Westborough, Massachusetts
- 185-b Caitlin Nichols, Caroline Schmidt and Anthony Ortmann—Microartifact Analysis of Mound C at Poverty Point: Exploring the Function of a Late Archaic Mound
- 185-c Elizabeth Scharf—Results of Pollen Work at the Poverty Point Site, Louisiana (USA)
- 185-d Mark McConaughy, Gretchen Anderson and Deborah Harding—A Close-up Look at Two Early Woodland Copper Objects from West Virginia and Pennsylvania
- 185-e Tricia Jarratt and Susan Blair—The Augustine Mound Copper Assemblage
- 185-f Vincas Steponaitis, Megan Kassabaum and John O'Hear—Coles Creek Earthworks and Ritual at the Feltus Mounds in Southwest Mississippi, AD 700-1100
- 185-g Scott Hammerstedt and Sheila Savage—Mississippian Ceremonialism in the Neosho River Valley of Northeastern Oklahoma
- 185-h Lucretia Kelly, Davide Domenici, Maurizio Cattani, John Kelly and Maurizio Tosi—Mapping Cahokia: New Perspectives and Approaches to Cahokia's West Plaza
- 185-i Scott Hadley, Jr. and Andrew Mickelson—Denmark: an Early Mississippian Center in Western Tennessee

- 185-j C. Martin Raymer—Fort Ancient Settlement Dynamics: Village Establishment, Abandonment and Relocation
- 185-k Elizabeth Bollwerk—Seeing What Smoking Pipes Signal(ed): An Examination of Late Precolonial and Early European Contact Period (A.D. 900-1665) Native Social Dynamics in the Middle Atlantic
- 185-l Sarah Striker—Artifacts and Space in Iroquoian Longhouses

**[186] POSTER SESSION ■ PLAINS VILLAGE TECHNOLOGY AND SETTLEMENTS: RECENT RESEARCH IN THE NORTHERN MIDDLE MISSOURI**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** Mark Mitchell

**Chair:** Mark Mitchell

**Participants:**

- 186-a Fern Swenson—Pottery Function at Extended Middle Missouri Sites in North Dakota
- 186-b Paul Picha and Carl Falk—Curved Technology: Elk Antler Bow Production and Use in the Middle Missouri Subarea
- 186-c Mark Mitchell—Compositional and Technological Analyses of Copper Artifacts from Four Heart River Communities: Chronological and Cultural Implications
- 186-d Rebecca Wiewel and Adam Wiewel—Welcome to the Neighborhood: New Discoveries at Fort Clark State Historic Site, North Dakota
- 186-e Ken Kvamme—New Findings from Digital Terrain Models and Geophysical Surveys in the Northern Great Plains

**[187] POSTER SESSION ■ RECENT ARCHAEOLOGICAL INVESTIGATIONS AT THE AZTALAN SITE (47JE0001)**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** John Richards

**Chairs:** Patricia B. Richards and Brian D Nicholls

**Participants:**

- 187-a John D Richards, Thomas J. Zych and Katie Z. Rudolph—Introduction to Recent Archaeological Investigations at the Aztalan Site (47JE0001)
- 187-b Michael F Kolb, Elissa Hulitt and John Richards—Transforming the Mississippian Landscape: A Buried Earthen Structure at the Aztalan Site
- 187-c Jennifer L Picard—Excavations in Aztalan's Riverbank Midden: A Record of Material Culture
- 187-d Megan S Sharpless, Lisa M. Zimmerman and Robert A. Birmingham—History and Prehistory at the Aztalan Site: Excavation of an Early 20th Century Rock Feature
- 187-e Patricia B. Richards—Excavating the Excavations: Unravelling the Palimpsest of a Century of Archaeological Work at the Aztalan Site
- 187-f Brian D Nicholls, Thomas Zych and Mark Dudzik—Recent LiDAR Imagery of the Aztalan Site
- 187-g Elissa B Hulitt—Compositional Analysis and GIS Mapping of Clay Deposits in the Greater Aztalan Area

**[188] SYMPOSIUM ■ LATINA/O ARCHAEOLOGY**

**Room:** Sultana (CC)

**Time:** 8:00 AM–10:15 AM

**Organizers:** Albert Gonzalez and Ruben Mendoza

**Chair:** Albert Gonzalez

**Participants:**

- 8:00 Ruben Mendoza—Discussant  
8:15 Albert Gonzalez—Botánicas, Bodegas, and Peluquerias: Latina/o Culture and Consumption in Contemporary South Florida  
8:30 Andrea Vazquez—Exhibiting the Latina/o Past  
8:45 Scott Lydon—An Archaeology of Graffiti: A General History of Street Murals and Graffiti in Salinas, California  
9:00 Olivia Navarro-Farr and Gina Diaz—Excavating Identity, Reclaiming Power: The Fusion of Chicana/o Art and Pre-Columbian Iconography  
9:15 Ruben Mendoza—Streetscapes of the Asphalt Jungle: An Archaeological Approach to the Chicano Youth Counterculture  
9:30 Kaet Heupel and Albert Gonzalez—The Chicano-Hippie War of Northern New Mexico  
9:45 Jason De Leon—Discussant  
10:00 Nan Rothschild—Discussant

**[189] SYMPOSIUM ■ PRECOLUMBIAN CERAMIC ART IN THE ST. FRANCIS BASIN: APPROACHES TO THE NODENA ART STYLE**

**Room:** L-12 (CC)

**Time:** 8:00 AM–10:15 AM

**Organizer:** Claudine Payne

**Chair:** Claudine Payne

**Participants:**

- 8:00 Claudine Payne—Defining the Nodena Art Style  
8:15 Jeffrey Mitchem—Decoration and Vessel Form in Parkin Phase Ceramics  
8:30 George Lankford—Weeding Out the Noded  
8:45 Charles McNutt and Terry Childs—A Distinctive Ceramic Motif in Mississippi County, Arkansas  
9:00 H. Terry Childs and Charles McNutt—The Floating Figure Motif of the Nodena Phase  
9:15 John House—Regional variation in Mississippian Effigy Vessels in Eastern Arkansas  
9:30 Catherine Hammons and David Dye—Female Effigy Bottles in the Central Mississippi Valley  
9:45 Jim Cherry—Ceramic headpot effigy forms: What can they tell us?  
10:00 Leslie Hester—Portals of the Soul: Ancient Peoples of Northeast Arkansas

**[190] SYMPOSIUM ■ LEAVING LEWIS HENRY MORGAN: NEW STUDIES OF SOCIETAL VARIATION AND CHANGE**

**Room:** Cotton Row (CC)

**Time:** 8:00 AM–10:30 AM

**Organizer:** Jill Neitzel

**Chair:** Jill Neitzel

**Participants:**

- 8:00 Jill Neitzel—How the Southwest Was Complex

- 8:15 Robin Beck—Typology and the Great Divide: Bridging Mississippian and Colonial Worlds in the American Southeast.
- 8:30 Lane Fargher and Verence Heredia Espinoza—Ripping up the Stilts: Problematizing Romantic, Ethnocentric Legacies in Mesoamerican Archaeology
- 8:45 Michael Heckenberger—Garden Cities of the Southern Amazon
- 9:00 Paul Duffy and William A. Parkinson—From Societal Types to Comparative Regional Trajectories: The Long-Term Dynamics of Prehistoric Villages on The Great Hungarian Plain
- 9:15 Rahul Oka—Abandoning Typologies but not Morgan: Stages/Types as Recurring Emergent Properties in the Indian Ocean Interaction Complex
- 9:30 Neil Norman—Claustrophobic and Civilized Cities: Recent Progress in the Archaeology of Urbanism Along the West African Coast, 1000-1800 AD
- 9:45 Laura Junker—Modeling Socio-political Diversity and Change in Southeast Asia
- 10:00 Christian Peterson—Distinguishing Kinds and Assessing Degrees of Inequality in Household Artifact Assemblage Data
- 10:15 Matthew Johnson—Discussant

**[191] GENERAL SESSION ■ ARCHAEOLOGY IN THE MAYA REGION****Room:** L-6 (CC)**Time:** 8:00 AM–10:45 AM**Chair:** Terance Winemiller**Participants:**

- 8:00 Ryan Collins—Phase, Period, and Perscription in Maya Archaeology
- 8:15 Meghan Rubenstein—Reassessing the Study of Preclassic Architecture in the Maya Lowlands
- 8:30 Jason Paling—Leaving No Stone Unturned: Investigating Preclassic Lithic Production, Consumption, And Exchange At San Estevan, Belize And K'O And HamontÚn, Guatemala
- 8:45 Anabella Coronado-Ruiz—Implementing a more Integral Methodology to Analyze Preclassic Lowland Maya Architecture
- 9:00 Kevin Fisher, Katie Simon, Lauren Lippiello and Jackson Cothren—Approaches to 3D digital recording of an Early Classic temple façade at El Zotz, Guatemala
- 9:15 Break
- 9:30 Richard Paine—Reconstructing Late Classic Land Control at Copan, Honduras: a Demographic Test.
- 9:45 Nicoletta Maestri—Across the River and into the Trees: Preliminary Results of the Investigations at Boca Chinikihá, a Maya Site on the Usumacinta River
- 10:00 Jared Katz—Music of the Grave: Ceremonial Music of the Classic Maya
- 10:15 Terance Winemiller, Virginia Ochoa-Winemiller and Rosemary Joyce—Testing for Standardization: the Application of Laser 3D Technology in the Study of Ceramic Figurine, Stamp, and Whistle Production in Honduras
- 10:30 Charles Zidar, Sarah Weber and Taryn Pelch—The Construction of Ancient Maya Headdresses: Materials and Methodology

**[192] SYMPOSIUM ■ COMMUNITIES, CORRIDORS, AND CONNECTIONS: MODELING MATERIAL CULTURE MARKERS OF CROSS-CULTURAL INTERACTION IN THE NORTHEAST AND MIDCONTINENT, 1500-1750**  
**Room:** L-2 (CC)  
**Time:** 8:00 AM–10:45 AM  
**Organizers:** Kathleen Ehrhardt and James Bradley  
**Chair:** James Bradley

**Participants:**

8:00 James Bradley—From the Edge to the Middle, The Onondaga Iroquois in 1550 and 1675  
8:15 Andrea Carnevale, Ronald Williamson, Martin Cooper and Jennifer Birch—Hidden from View: The Story of an Early Sixteenth Century Iron Tool in Eastern North America  
8:30 Lisa Anselmi—Northern Iroquoian Use of Copper-base Metal in the Early and Middle Contact Periods  
8:45 Kurt Jordan, Charlotte L. Pearson and Darren S. Dale—Genealogies and Biographies of Seneca Iroquois Red Stone Use, circa 1688-1754  
9:00 William Fox—Red, White and .....Black: Ornamental Stone Selection for Lower Great Lakes Area Pipes and Beads  
9:15 Penelope Drooker—Redstone, Shell, and Copper/Brass in Late Prehistoric and Protohistoric Fort Ancient Contexts  
9:30 Cheryl Ann Munson and David Pollack—Far and Wide: Late Mississippian/Protohistoric Extraregional Interactions at the Mouth of the Wabash  
9:45 Kathleen Ehrhardt—Metals in Motion? Native Copper and European Copper-base Metals in the 17th Century Protohistoric North American Interior  
10:00 Dale Henning—Red Stone (Catlinite?) Distribution Patterns in the Upper Mississippi Valley  
10:15 Greg Waselkov—Discussant  
10:30 Stephen Silliman—Discussant

**[193] SYMPOSIUM ■ RECENT RESEARCH IN THE PRE-COLONIAL GREATER ANTILLES**  
**Room:** L-14 (CC)  
**Time:** 8:00 AM–10:45 AM  
**Organizers:** Josh Torres and William Pestle  
**Chair:** William Pestle

**Participants:**

8:00 Josh Torres—Community Formation and the Emergence of the Polity in South-Central Puerto Rico  
8:15 Roberto Valcarcel Rojas and Jago Cooper—Cuban Archaeology within the Caribbean Archipelago: re-thinking space, place and power  
8:30 Christopher Altes—Blood from stone: ballcourts as an integrative dominating set and the implications for social organization in south central Puerto Rico  
8:45 Brooke Persons, John Cornelison, Jessica McNeil and Meredith Hardy—Archaeological Investigations at Great Pond, St. Croix, US Virgin Islands  
9:00 Isabel Rivera—Angostura: a case study on coupling landscape change with multiscalar human ecodynamics in the Caribbean  
9:15 William Keegan—Crossing the Mona Passage: The Archaeology of Hispaniola, Jamaica, Cuba, and the Southern Bahamas  
9:30 Roger Colten and Brian Worthington—Pre-ceramic Era Faunal Exploitation at

- Vega del Palmar, Cuba
- 9:45 Lisabeth Carlson—Thinking Outside the Tackle Box: Shell Middens and Subsistence Practices in Eastern Puerto Rico
- 10:00 Geoff Duchemin—Pre-Columbian Animal Use in South-Central Puerto Rico: Local and Regional Trends
- 10:15 William Pestle—In Death as in Life: Mortuary and Isotopic Variation in Ceramic Age Puerto Rico
- 10:30 Maria Nieves Colon, Hector J Diaz-Zabala and Juan C Martinez-Cruzado—Sub-Saharan African and West Eurasian maternal (mtDNA) lineages in the Dominican Republic

**[194] SYMPOSIUM ■ BEYOND THE ARCHAEOLOGICAL ANALYSIS: EXPLORING THE LEGACY AND RELEVANCE OF ROCK-ART**  
*(Sponsored by Rock Art Interest Group)*  
**Room:** L-5 (CC)  
**Time:** 8:00 AM–11:00 AM  
**Organizers:** Alistair Paterson and Liam Brady  
**Chair:** Liam Brady

**Participants:**

- 8:00 Ben Smith—The Place of Rock Art in South African Society Today
- 8:15 Alistair Paterson and Jo McDonald—Past futures: rock art in Australia's North West
- 8:30 Jo McDonald—How contemporary meanings can improve the archaeology of rock art
- 8:45 Valda Blundell—Wanjina and Gwion Gwion Paintings of Northwest Australia: Tensions and opportunities for collaborations between Aboriginal Traditional owners of this rock art and outsiders
- 9:00 Paul Tacon, Ronald Lamilami, and Sally K. May—The contemporary significance of Djulirri and related Wellington Range sites for the people of northwest Arnhem Land, Australia.
- 9:15 Sonya Atalay and Shannon Martin—Ezhibiigaadek asin/Knowledge Written on Stone
- 9:30 Break
- 9:45 Sam Challis and Jamie Hampson—Rock art tourism and community archaeology: case studies highlighting the (re)negotiation of identity
- 10:00 Rex Weeks, W Fred Limp, Angie Payne and Katie Simon—Chaco Petroglyphs in 3D: A Preliminary Report
- 10:15 Liam Brady—A Powerful and Active Legacy: articulating rock-art's relevance in contemporary settings
- 10:30 John Norder—Rock Art, Indigenous Identity, and Cultural Tourism in the North American Midcontinent
- 10:45 Kurt Dongoske and Kelley Hays-Gilpin—Parks, Petroglyphs, Fish and Zuni



**[195] SYMPOSIUM ■ DRESSING UP: POWER, DRESS, GENDER, AND REPRESENTATION IN THE PRE-COLUMBIAN AMERICAS**

**Room:** Ballroom B (CC)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Billie Follensbee and Sarahh Scher

**Chairs:** Sarahh Scher and Billie Follensbee

**Participants:**

- 8:00 Alice Kehoe—Bag Ladies: Twined bags, fabric-impressed ceramics, and the Great Tradition of American fabrics.
- 8:15 Billie Follensbee—More on Olmec Gender-Ambiguous Costume: The Possible Appropriation of Garments as Symbols of Power
- 8:30 Cara Tremain—Crossing Over: Costume, Gender, Status, and Ritual among the Ancient Maya
- 8:45 William Logan and Melissa K. Logan—The Tilmatl is Not Just for the Aztecs: The Cape, Gender, and Power in Late Formative West Mexico
- 9:00 Cherra Wyllie—Elite Women In The Mural paintings Of Las Higueras, Veracruz, Mexico
- 9:15 Kim Richter—Constructing Huastec Social and Gender Identity through Sculpture
- 9:30 Sharisse McCafferty and Geoffrey McCafferty—Costume & Identity in the Mixtec Codices
- 9:45 Laura Wingfield—Balanced Power c. 300-800 CE in Southwestern Nicaragua and Northwestern Costa Rica?: An Analysis of Ancient Nicoyan Dress, Body Decoration, and Jewelry and Possible Roles for All the Sexes During the Florescent Period
- 10:00 Ann Peters and Elsa Tomasto—Textile production, exchange, accumulation and display: Forms and expressions of power in the Paracas Necropolis
- 10:15 Sarahh Scher—Who Wears the Pants? High-Ranking Women and Masculine Imagery in Moche Art and Burial Ensembles
- 10:30 Geoff McCafferty—Discussant
- 10:45 Susan Evans—Discussant

**[196] GENERAL SESSION ■ MISSISSIPPIAN ARCHAEOLOGY**

**Room:** Ballroom D (CC)

**Time:** 8:00 AM–10:45 AM

**Chair:** John Kelly

**Participants:**

- 8:00 Christopher Bolfig—Men, Women, and Power: Reassessing Conventional Ideas of Mississippian Society
- 8:15 Thomas Zych—Co-opting Space and Constructing Memories: An Analysis of the Northeast Mound at the Aztalan Site in Jefferson County, Wisconsin
- 8:30 Michael Conner and Alan Harn—Cultural Continuity and Conservatism at Dickson Mounds
- 8:45 Phil Hanes, Erin Hanes and Colleen Delaney-Rivera—Audrey Redux: An Early Mississippian site in west-central Illinois
- 9:00 John Kelly and James Brown—Assessing the Impact of the Ramey Plaza and its Creation on the Cahokian Landscape.
- 9:15 Break
- 9:30 Elsbeth Dowd—Ceremony and Leadership in Small-Scale Societies: Archaeology of the Mountain Fork Caddo

- 9:45 David Hally, John F. Chamblee and George R. Milner—Macro-regional Analysis of Mississippian Mound Site Distributions
- 10:00 Andrew Mickelson, Eric Goddard, Scott Hadley and Katherine Mickelson—Early Mississippian Nucleated Settlements in the Hinterlands of the Mississippi Valley in Western Tennessee
- 10:15 Katherine Mickelson and Andrew mickelson—Early Mississippian Paleoethnobotany at the Ames Site in the Hinterlands of Western Tennessee
- 10:30 Erin Phillips—Seriating Designs Engraved on Pottery in Moundville's Hemphill style

**[197] SYMPOSIUM ■ BIENNIAL GORDON R. WILLEY SYMPOSIUM ON THE HISTORY OF ARCHAEOLOGY: NEW DEAL ARCHAEOLOGY IN THE TENNESSEE VALLEY**

*(Sponsored by History of Archaeology Interest Group)*

**Room:** Ballroom E (CC)

**Time:** 8:00 AM–11:15 AM

**Organizer:** Bernard Means

**Chairs:** Anna Lunn and David Dye

**Participants:**

- 8:00 Anna Lunn—The Changing Face of Archaeology: An Introduction to the New Deal in the Tennessee Valley
- 8:15 Kevin Smith—The Tennessee Archaeological Society (1944-1988): Legacy and Consequences of the New Deal in Tennessee
- 8:30 Michaelyn Harle and Nicholas Herrmann—Tennessee Valley New Deal Archaeology's Contributions to Bioarchaeology
- 8:45 Bobby Braly—The Tennessee Valley Authority and the Norris Reservoir: The Beginning of over 75 years of TVA Archaeological Research
- 9:00 Shannon Koerner and Jessica Dalton-Carriger—Depression-Era Archaeology in Watts Bar Reservoir, East Tennessee
- 9:15 Lynne Sullivan, Donna McCarthy and David Echeverry—Reconfiguring the Chickamauga Basin
- 9:30 Sissel Schroeder—From the Domestic to the Ceremonial: Reinterpreting New Deal Collections
- 9:45 Mike Moore, David Dye and Kevin Smith—WPA Excavations at the Mound Bottom and Pack Sites in Middle Tennessee, 1936-1940.
- 10:00 Thad Bisset—New interpretation of site use at Eva during the Middle Archaic: AMS dates from the Three Mile phase.
- 10:15 Jon Marcoux—Utilizing New Deal Data to Explore the Timing and Tempo of Mississippian Political Centralization in the Middle Tennessee River Valley
- 10:30 Marlin Hawley and David Dye—W.C. McKern: Advisor, Consultant, and Godfather for New Deal Archaeology in Tennessee
- 10:45 Doug Schwartz—W.S. Webb and the Leadership of TVA Archaeology
- 11:00 Bernard Means—Discussant

**[198] SYMPOSIUM ■ CHACO AND CAHOKIA: HISTORIES, LANDSCAPES, AND HINTERLANDS**

**Room:** Steamboat (CC)

**Time:** 8:00 AM–11:15 AM

**Organizers:** Danielle Benden and Brenda Todd

**Chair:** Brenda Todd

**Participants:**

- 8:00 Stephen Lekson—The Southwest in Its World  
8:15 Timothy Pauketat—Archaeologies of Religion and the Power(s) of Cahokia  
8:30 Anna Sofaer and Richard Friedman—Chaco Roads: New Insights to their Significance  
8:45 Brenda Todd—Chimney Rock Great House: Export, Emulation, or None of the Above?  
9:00 Danielle Benden, Robert Boszhardt and Timothy Pauketat—To "the Mountain Whose Foot is Bathed in Water": Cahokia's First Colony 850 Km Up River  
9:15 Ruth Van Dyke—The Center Place Emerges: Early Outlier-Chaco Relationships  
9:30 Gregory Wilson and Amber VanDerwarker—Merchants, Missionaries, or Militants? A Critical Evaluation of Cahokian Contact Scenarios in the Central Illinois River Valley  
9:45 Andrew Duff—Interacting with History: Chaco Canyon and Southern Colorado Plateau Great House Communities  
10:00 Philip Millhouse—The Role of the Apple River Culture on the Northern Mississippian Frontier  
10:15 Catherine Cameron—Gender, Labor, and Hierarchy in Chaco Canyon  
10:30 Susan Alt—The Invisible War: Structural Violence and Fear in the Cahokian World  
10:45 Gerardo Gutierrez—Discussant  
11:00 Charles Cobb—Discussant

**[199] SYMPOSIUM ■ THEORIES OF ENTANGLEMENTS: MOVEMENT, AGENTS, AND WORLDS-IN-TRANSFORMATION**

**Room:** L-7 (CC) (entrance through L-9)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Meghan Buchanan and Jacob Skousen

**Chairs:** Meghan Buchanan and Jacob Skousen

**Participants:**

- 8:00 Jacob Skousen and Meghan Buchanan—Relationships, Movement, and Entanglement: Theories on Viewing the World  
8:15 Peter Whitridge—Ini: Inuit placenames and the persistence of memory  
8:30 Gerald Oetelaar—Entangled Worlds of the Blackfoot: Movement to the Sacred Grounds or Fur Trade Posts  
8:45 Tekla Schmaus—Tangling the Networks: Elaborating on Processes of Culture Change in Central Eurasia  
9:00 Lindsay Montgomery, Severin Fowles and Jimmy Arterberry—Tʔhʔya (the horse): re-thinking the role of non-human actors in the evolution of a "Plains" tradition.  
9:15 Stacie King—Rethinking the unoccupied in Nejapa, Oaxaca  
9:30 Meghan Buchanan—The Mississippian Vacant Quarter: Conflict, Vanished Mississippians, and Missing Agents

- 9:45 Margaret Brown Vega—Weaving Together Evil Airts, Sacred Mountaintops, and War
- 10:00 Melissa Baltus—Unraveling Entanglements: Reverberations of Cahokia's Big Bang
- 10:15 Sarah Otten—Death as Movement: Cahokia's Ridge-top Mounds as Active Places
- 10:30 Asa Randall and Kenneth E. Sassaman—Assembling the Past Now for the Future: Florida's Archaic Mounds and History Making
- 10:45 Roderick Campbell—History, things, lines, movement – rethinking structure, scale and time

**[200] SYMPOSIUM ■ FROGS CROSSING THE POND: NEW FRONTIERS IN REGIONAL ARCHAEOLOGY**

**Room:** L-10 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Nathaniel VanValkenburgh and Thomas Leppard and Bradley Sekedat

**Chairs:** Thomas Leppard and Bradley Sekedat

**Participants:**

- 8:00 Bradley Sekedat—Making more sense: Survey archaeology, small quarries and integrated landscapes
- 8:15 Michael Galaty—"Ethnohistoric Archaeology" in Highland Albania: Using Ethnographic and Historical Surveys to Inform Regional Archaeological Data
- 8:30 Emily Hammer—The Challenge of Pastoral Nomadic Landscapes in the Near East
- 8:45 William Parkinson, Attila Gyucha, Paul Duffy and Richard Yerkes—On the Shoulders of Giants: Regional and Micro-Regional Studies in the Prehistoric Carpathian Basin
- 9:00 Nathaniel VanValkenburgh—Regional Archaeology in Coastal Peru: Adapting New Approaches to Solve Old Problems
- 9:15 Christopher Fisher and Steven Leisz—The Goal Remains the Same: Full-coverage Survey at Sacapu Angamuco, Michoacán, Mexico.
- 9:30 James Conolly and Andrew Bevan—Spatial and ecological modelling of archaeological survey data: an analytical example from the Antikythera Survey Project
- 9:45 Thomas Leppard—Quantifying insularity: regional archaeology and island prehistory in the Lesser Antilles
- 10:00 Pochan Chen, Rowan Flad, Gwen Bennett and Zhanghua Jiang—Surveying Rice Paddies: Negotiating Different Approaches to Survey in Southern China
- 10:15 Jason Ur and Bjoern Menze—Frogs Orbiting the Pond: Case Studies from the Near East
- 10:30 Arlen Chase and Diane Chase—New Approaches to Regional Archaeology in the Maya Area: LiDAR and Caracol, Belize
- 10:45 Steven Markofsky—When Survey Goes East: Investigating the Applicability of Survey Methodology and Research Frameworks in a Central Asian Context
- 11:00 Jeffrey Parsons—Discussant
- 11:15 John Cherry—Discussant

**[201] SYMPOSIUM ■ HONORING DEAN E. ARNOLD ON HIS SUPPOSED “RETIREMENT”**

**Room:** Ballroom C (CC)

**Time:** 8:00 AM–11:45 AM

**Organizer:** Charles Kolb

**Chair:** Charles Kolb

**Participants:**

- 8:00 Charles Kolb—Knowing the "Dean of Ceramics": Dean E. Arnold  
8:15 Philip Arnold—The Reluctant Ethnoarchaeology of Dean E. Arnold  
8:30 Brenda Bowser—Continuities and Discontinuities in Pottery-Making Traditions in the Upper Amazon: Contributions toward Anthropologically-Informed Archaeology  
8:45 Warren DeBoer—Pots for Tots: The Ceramic Art of Shipibo and Mimbres Children  
9:00 Lacey Carpenter, Gary M. Feinman and Linda M. Nicholas—Domestic Cloth Production: The Economic Significance of Households in the Classic Period Oaxaca Valley, Mexico  
9:15 Ronald Bishop—"Does compositional standardization of ceramic paste really mean specialization? --a revisit  
9:30 Peter Day—Ceramic Ethnography and the Development of Analytical Approaches to Archaeological Ceramics  
9:45 Hector Neff and Satoru Murata—Ceramic production on Mesoamerica's tropical coasts.  
10:00 Christopher Pool—Clay, Kiln, Pot, and Potter: Factors in the Evolution of Ceramic Production and Distribution in Southern Veracruz.  
10:15 George Bey , Evan Parker, Jiyan Gu, Timothy Ward and Tomás Gallareta—An ICP-MS analysis of early Maya pottery from the northern Maya lowlands  
10:30 Leslie Cecil and Prudence M. Rice—De Colores: Pigments and Potters in Postclassic Petén  
10:45 Bill Sillar—Supply on Command: The development of Inka pottery production in the Cuzco area  
11:00 Eric Blinman—Ceramic Theory and Cultural Process: Realized and Unrealized Potential in the Southwest  
11:15 Sandra Lopez Varela—Ethnoarchaeological solutions for societies in the future  
11:30 Dean Arnold—Discussant

**[202] GENERAL SESSION ■ EURASIAN PALEOLITHIC AND MESOLITHIC**

**Room:** 203 (CC)

**Time:** 8:00 AM–11:45 PM

**Chair:** Clare Tolmie

**Participants:**

- 8:00 Marc Kissel—Evaluating genetic models of human evolution through archaeological data: An information theory approach  
8:15 Tyler Beeton, Anna Trainer, Michelle Glantz and Sayat Temirbekov—Reconstructing hominin water access in Pleistocene Central Asia  
8:30 Andrea Picin and Marco Peresani—The emergence of Levallois technology in the western Mediterranean  
8:45 Tara Ruby—Middle Paleolithic pigment use: results of the use-wear analysis of Pech de l'Azé I pigments and its implications for the behavior of Neanderthals and early modern humans

- 9:00 Mike Morley, Jamie Woodward, Robert Whallon, Dusan Mihailovic and Norbert Mercier—Geoarchaeological investigations at Crvena Stijena Rockshelter, Montenegro: Middle Palaeolithic palaeoenvironments of the Western Balkans
- 9:15 Marco Peresani, Rossella Duches, Nicola Nannini, Andrea Picin and Matteo Romandini—Disentangling the significance of Discoid technology: first results of the last three field campaigns at Grotta di Fumane, Italy
- 9:30 James Enloe and François Lanoë—Spatial Organization in the Terminal Mousterian: Taphonomy and Neanderthal Behavior at the Grotte du Bison, Arcy-sur-Cure
- 9:45 Bridget Alex, Dušan Mihailovic, Stefan Milošević, Mike W. Morley and Mirjana Roksandic—Radiocarbon Sampling of a Middle to Upper Paleolithic Palimpsest in the Balkans
- 10:00 Break
- 10:15 Clare Tolmie—Tools on the hoof: prey variability, element selection and bone tool use in the Châtelperronian and Aurignacian in France
- 10:30 James Adovasio and Olga Soffer—The Appearance of Plant Fiber Artifacts: An Upper Paleolithic Event Horizon
- 10:45 April Nowell and Melanie L. Chang—Pornography is in the Eye of the Beholder: Sex, Sexuality and Gender in the study of European Upper Paleolithic Figurines
- 11:00 Brian Adams—Messenger Bones: The Scapula and European Upper Palaeolithic Rituals
- 11:15 Lisa Fontes, Lawrence Guy Straus and Manuel R. Gonzalez Morales—An Analysis of Blade and Bladelet Manufacture and Raw Material Selection at El Mirón Cave, Cantabria, Spain
- 11:30 Emanuela Cristiani and Dusan Boric—Differences between the Mesolithic and Neolithic technological traditions in the osseous industries of the Danube Gorges

**[203] GENERAL SESSION ■ RESEARCH ON THE MAYA IN BELIZE****Room:** 205 (CC)**Time:** 8:00 AM–12:00 PM**Chair:** Angela Keller**Participants:**

- 8:00 David Chatelain—Investigations into the South Ballcourt at the Site of La Milpa, Northwestern Belize
- 8:15 Eric Heller—Set in Stone: The Importance of Sociality and Materiality in the Placement of Stela 1, La Milpa North, Belize
- 8:30 Sarah Wigley—“Vacant Terrain”: Exploring the Issue of Empty Space
- 8:45 Denise Knisely—Using Isotopic Analysis in the Study of Dietary Patterns in Northwest Belize
- 9:00 Rachel Horowitz—Preliminary Investigations at Callar Creek Quarry, Belize
- 9:15 Sarah Jackson and Linda Brown—Tangible and intangible resources at Classic Maya secondary sites: A view from Say Kah, Belize
- 9:30 Caitlin Stewart, Nicholas Hermann and Gabriel Wrobel—Skeletal Remains from Caves Branch Rockshelter: A GIS-approach
- 9:45 Amy Michael, Amanda Harvey, Joshua Burbank, Danielle Hanson and Gabriel Wrobel—Mortuary Patterns and Use of Space at the Sapodilla Rockshelter, Belize

- 10:00 Wendy Dorenbusch—Settlement Patterns of the Southern Periphery at Cahal Pech, Belize
- 10:15 Leah McCurdy—Maya Site Plans of the Belize Valley
- 10:30 Maxime Lamoureux St-Hilaire, Gyles Iannone, Scott A. Macrae, Andrew Snetsinger and Steven J. M. Moodie—Preliminary Excavations at the Ancient Maya Center of Ixchel, North Vaca Plateau, Belize
- 10:45 Bernadette Cap—Classic Maya Plazas: Public Venues for Community Integration
- 11:00 Steven Moodie—Excavations at the Minanha Ballcourt, North Vaca Plateau, Belize.
- 11:15 Angela Keller—What Happened at Maya Centers? A Preliminary View from Actuncan, Belize, Central America
- 11:30 David Mixter, Kara A. Rothenberg and Lauren D. Hahn—Living during Collapse: An Analysis of Household Modification during the Terminal Classic Period at Actuncan, Cayo, Belize
- 11:45 Tim Preston—Ritual Sacrifice and the Maya Cosmos

**[204A] WORKSHOP ■ DON'T RUN AND HIDE, MEET THE PRESS HEAD ON**

*(Sponsored by the SAA Media Relations Committee)*

**Room:** Natchez (M)

**Time:** 9:00 AM–11:00 AM

**[204] SYMPOSIUM ■ INLANDS TO ISLANDS: SOCIAL NETWORKS AND THE DEVELOPMENT OF MARITIME ADAPTATIONS**

**Room:** Mississippi (CC)

**Time:** 9:45 AM–12:00 PM

**Organizer:** Shelby Anderson

**Chair:** Shelby Anderson

**Participants:**

- 9:45 Amanda Taylor—Lithic Procurement and Territoriality on the Pacific Coast
- 10:00 Craig Lee—Obsidian as an Indicator of Social Networks prior to ca. 7,000 BP on the Northern Northwest Coast of North America
- 10:15 Erik Gjesfjeld—Social Networking in the Kuril Islands, Russian Far East
- 10:30 Ben Fitzhugh—Out on a limb: continental implications of social networks in the remote Kuril Islands
- 10:45 Brian Hoffman—Manufacturing Status: Social Networks in an Eastern Aleutian Maritime Economy, ca. AD 1650
- 11:00 Debbie Corbett—The Interior is Irrelevant to Their Way of Life
- 11:15 Owen Mason, John Hoffecker, Nancy Bigelow, Claire Alix and Chris Darwent—On Islands in Marshes: The Entry of Birnirk culture into Alaska
- 11:30 Shelby Anderson—Social Networks and Ceramic Circulation in Northwest Alaska, ca. 1000-200 BP
- 11:45 Madonna Moss—Discussant

**[205] SYMPOSIUM ■ PLACES, OBJECTS, BODIES, ART: MATERIAL CONSTRUCTIONS OF ANTIQUITY****Room:** L-11 (CC)**Time:** 9:45 AM–12:00 PM**Organizers:** James Snead and Alexander Benitez**Chair:** Alexander Benitez**Participants:**

- 9:45 Alexander V. Benitez and Francisco Corrales Ulloa—The Old and New Roads of the Minor C. Keith Collection: Collecting, Museum Policies and National Identities
- 10:00 Khristaan D. Villela—Nothing Beside Remains: Photographs and Casts from the Excavation of Quirigua, Guatemala, 1910
- 10:15 Rosemary Joyce—Businessmen, Naturalists, and Priests: The Material Past Before Professional Archaeology
- 10:30 Stephen Nash—Paul Sidney Martin and the (Lack of) Imagining of Native America
- 10:45 J. Andrew Darling—Face Casts and the Materialization of Experience in early Americanist Anthropology
- 11:00 James E. Snead—The Original Jones Boys: Archaeologies of Place, Race, and Identity in the Reconstruction South
- 11:15 Lori Lee—Written in Stone?: Considering Race and Ethnicity through Historic Stone Pipes in central Virginia
- 11:30 Silvia Tomaskova—What Do Institutes Do?
- 11:45 Robert W. Preucel—Discussant

**[206] GENERAL SESSION ■ ARCHAEOLOGY OF STATES AND CIVILIZATIONS****Room:** L-3 (CC)**Time:** 10:00 AM–11:45 AM**Chair:** David Small**Participants:**

- 10:00 Caitlin Farley—Ancient Egyptian Funerary Practices: Development of the Funerary Cache
- 10:15 Peter Johansen—The Politics of Spatial Renovation and Re-emplottment: the production of power, value and meaning in the appropriation of ritual and prosaic places in Iron Age and Early Historic South India
- 10:30 Douglas Park—The Tombouze Model: Investigations into the seasonal urbanism at prehistoric Timbuktu, Mali 500BC – AD 1000
- 10:45 Irina Demetradze and Zurab Janelidze—Rethinking Materiality: Urbanized Landscapes of Hellenistic Iberia
- 11:00 Robert Schon—The Archaeology of Cooperation: A New Interpretation of Archaic States
- 11:15 David Small and John Powell—Political Economies in Small Polities: Comparing the Maya and the Ancient Greeks
- 11:30 Anna Razeto—Beyond Practical: Infrastructure in the Capitals of the Roman and Han Empires



**[207] GENERAL SESSION ■ ARCHAEOLOGY IN THE INTERIOR AND COAST OF NORTHWESTERN NORTH AMERICA**

**Room:** 204 (CC)

**Time:** 10:00 AM–12:00 PM

**Chair:** Amanda Marshall

**Participants:**

- 10:00 Emily Wilkerson—Salvage Archaeology and Lithic Analysis: An Assemblage Analysis Approach for Understanding Site Deposits
- 10:15 Amanda Marshall, Amanda Palmer and Jennifer Lewis—Cache pits on the northwest coast of British Columbia: distinguishing between cultural and natural depressions
- 10:30 Terence Clark, Gary Coupland and Jerome Cybulski—Wealth or Ritual Power?: What is on display in early Northwest Coast bead-rich burials?
- 10:45 Paul Szpak, Trevor Orchard and Iain McKechnie—Historical Ecology of Late Holocene Sea Otters (*Enhydra lutris*) from Northern British Columbia: Isotopic and Zooarchaeological Perspectives
- 11:00 Nicholas Waber—Risky Business: The Development of Microblades as Risk Avoidance Tools on early Holocene Haida Gwaii, British Columbia, Canada.
- 11:15 Kathryn Harris—Re-evaluating obsidian use and lithic technology at site 10-BT-8, Butte County, Idaho
- 11:30 Ashley Losey—Archaeology, Dendrochronology, and Climate Change at High Rise Village, Wyoming.
- 11:45 Brent Hicks and Kevin Lyons—Late Prehistoric Ungulate Intensive Subsistence Strategy on the Northwest Interior Plateau: A Non-salmon Centric Economic Model.

**[208] SYMPOSIUM ■ EXPLORING MESOAMERICA'S SUBTERRANEAN REALM, PART 2: RECENT DISCOVERIES AND NEW INTERPRETATIONS**

**Room:** L-4 (CC)

**Time:** 10:00 AM–12:00 PM

**Organizer:** James Brady

**Chair:** Paulo Medina

**Participants:**

- 10:00 C. L. Kieffer, James E. Brady and Keith M. Prufer—Petitions in the Dark: Understanding the Source of Unslipped Ceramics of Naj Tunich, Guatemala
- 10:15 Melanie Saldana—Spatial Variation in Ritual Activity at Midnight Terror Cave
- 10:30 Holley Moyes and Jaime Awe—Cave Ritual Among the Early Preclassic Maya(?) of Western Belize
- 10:45 Valorie Aquino, Victor Polyak and Yemane Asmerom—Uranium-series Dating of Speleothems for Paleoclimate Reconstructions Applicable to Archaeological Studies
- 11:00 Cameron Griffith—Umetnal Macal: The Maya Underworld of the Macal Valley, Belize
- 11:15 Vanessa Mirro and Ann M. Scott—Secrets from the Ancestors: Understanding Maya Human Remains in the Cave Context
- 11:30 Donald Slater—Linking the Depths of the Earth to the Sky: A Solar Observatory within Ikil Cave 1, Yucatan, Mexico
- 11:45 Guillermo de Anda—The cave in the Hill. A preliminary interpretation of cave "Mul" Yucatan.

**[209] ELECTRONIC SYMPOSIUM ■ LESSONS FROM THE TRENCHES: THE PEDAGOGY OF  
ARCHAEOLOGY AND HERITAGE***(Sponsored by Heritage Values Interest Group, Committee on Ethics)***Room:** Chickasaw (CC)**Time:** 10:00 AM–12:00 PM**Organizers:** Phyllis Messenger and Susan Bender**Chair:** Phyllis Messenger**Participants:**

Susan Bender—Discussant

Lewis Messenger—Using the Climatic Analogs Data-Gathering Project ("CADGAP")  
to Environmentally Contextualize Ancient Cultures

Katie Kirakosian—Trash to Treasure: Experimental Pedagogy Using the Everyday

Arkadiusz Marciniak—Teaching of Archaeological Heritage in the Distance Learning  
EnvironmentAlicia Ebbitt—Assessing Student Learning: What Does It Mean for Students to  
"Understand" Archaeological Concepts?

Sarah W Neusius—Discussant

Bev Chiarulli, Phillip D. Neusius, Ben Ford and Sarah W Neusius—The IUP MA in  
Applied Archaeology: What We Planned, What We Have Learned So Far

Jorge Silva—Archaeology, Cultural Heritage and Pedagogy in Peru

Katherine Hayes, Phyllis Messenger, Gregory Donofrio, Patrick Nunnally and Anduin  
Wilhide—Teaching Heritage Collaboratively at the University of MinnesotaMorag Kersel—Beyond Indiana Jones and Night at the Museum: Archaeology,  
Cultural Heritage and Museums for Non-majorsPaulo DeBlasis and Cristina Bruno—Cultural Heritage Management Education in  
Brazil

Shereen Lerner—Connecting the Dots: Teaching Archaeology and Social Relevance

Frances Hayashida—Archaeology and the Wider World

Joe Watkins—Teaching "Indigenous Archaeology" to Indigenous non-  
Archaeologists, non-Indigenous Archaeologists, and non-Indigenous non-  
Archaeologists: Hitting the Important PointsRebecca Zarger and Thomas Pluckhahn—A Case for Incorporating Ethnographic  
Methods in Graduate Archaeology CurriculaGwynn Henderson and Nicolas Laracuenta—Teachable Moments: Pedagogical  
Considerations in Teaching Public Archaeology at the Graduate Level**[210] SYMPOSIUM ■ LA CERÁMICA ARQUEOLÓGICA EN LOS DIFERENTES PROYECTOS DE  
INVESTIGACION EN EL ESTADO DE OAXACA****Room:** L-13 (CC)**Time:** 10:15 AM–12:00 PM**Organizers:** Pedro Ramon Celis and Nelly Robles**Chair:** Jorge Rios**Participants:**10:15 Gengis Judith Ovilla Rayo and Gilberto Hernández Díaz—La vajilla  
prehispánica en la Zona Monumental de Atzompa durante la Época IIIB-IV.10:30 Ivan Olguin Ramirez—Una vista arqueologica general de las recientes  
investigaciones realizadas en el poblado de San Pablo Villa de Mitla, Oaxaca10:45 Pedro Guillermo Ramon Celis—El palacio de los seis patios, nuevas  
exploraciones y datos relevantes de Yagul en la cronología del Posclásico

- Tardío
- 11:00 Jorge Rios— La presencia cerámica en Lambityeco-Yegüih:  
Consideraciones Integrales.
- 11:15 Nelly Robles—La Cerámica Arqueológica De Oaxaca: Recobrando La  
Diversidad
- 11:30 Raul Matadamas Díaz and Sandra Liliانا Ramírez Barrera—Huatulco,  
Oaxaca: La cerámica de los mareños
- 11:45 Dante Garcia—Urnas funerarias del complejo del maíz en un contexto del  
postclásico temprano del valle de Oaxaca

**[211] POSTER SESSION ■ ASIA AND OCEANIA**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 211-a Teresa Raczek and Namita Sugandhi—Mitigating Impact and Maximizing  
Research: Creative Excavation at Chatrikhera, Rajasthan, India
- 211-b Lars Fogelin and Samantha Fladd—Iconic Presence: Images as Residents in  
1st Millennium CE South Asian Buddhist Monasteries
- 211-c David Rhode—Archaeological Wood Charcoal in Qinghai Lake Basin,  
western China: Implications for Environmental Change, Human Settlement  
Patterns, and Anthropogenic Development of Tibetan Pastures
- 211-d Karisa Terry, Masami Izuho, Ian Buvit, Koh Hamaguchi and Kyousuke Hori—  
Current Investigations at the Shimaki Site: An LGM Occupation in Hokkaido,  
Japan
- 211-e Amy Jordan—The Price of Spice: Plantation Archaeology in the Early  
Colonial Period in the Banda Islands, Indonesia
- 211-f Maureece Levin and William Ayres—Evidence for Prehistoric Food  
Production Systems on Pohnpei, Micronesia: Preliminary Results
- 211-g Daniel Welch and Suzanne Eckert—Towards An AMS Radiocarbon  
Chronology Of Plain Ware Pottery Recovered In The Samoan Archipelago

**[212] POSTER SESSION ■ ASIAN POTTERY STUDIES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 212-a Aksel Casson, Alexander Bauer and Owen Doonan—Constructing Prehistory  
in a Survey Context: Microscopy and Luminescence of Ceramics from Sinop,  
Turkey
- 212-b Sue Ann McCarty—Pot, Kettle, Black: Ceramics and their Inter-Household  
Distribution at Kazane Hoyuk, Southeastern Turkey
- 212-c Rory Dennison—Chinese Porcelain Trade into Pre-Contact Philippines:  
Comparison of Compositional Analysis Techniques
- 212-d Michelle Eusebio, Philip Piper and Victor Paz—An Evaluation of Fatty Acid  
Residue Analysis in Philippine Pottery: Interpreting Earthenware Pots from  
13th-14th Century Porac, Pampanga

**[213] POSTER SESSION ■ EXPERIMENTAL ARCHEOLOGY****Room:** Southwest Exhibit Hall (CC)**Time:** 10:30 AM–12:30 PM**Participants:**

- 213-a Colin McEwan, Catherine Higgitt, Thibaut Deviese, Christophe Moulherat and Paz Núñez-Regueiro—A Multi-Disciplinary Approach for the Study of Andean Textiles
- 213-b Karen Harry—Where are the Hearths? Explaining the Absence of Floor Features on the Shivwits Plateau, Northwestern Arizona
- 213-c Susan Herring, Alexander Smith and Ian Brownstein—A “Viking Age” Iron Smelt: Assessment of the Experimental Process through the Analysis of an Iron Bloom
- 213-d Kathryn Frederick and Meghan Howey—When the Wild Strawberries are in Bloom: Pre-contact Food Caching in Northern Michigan
- 213-e Amanda Hoiness—Bone Grease, Stews, and Cannibalism: The Physical Effects of Boiling Bones
- 213-f Alison Hadley—Pipestone Residue on Stone Tools at the Tobias Site (14RC8)
- 213-g Elizabeth McCarthy—Obsidian and Chert Cut Mark Morphology Analysis
- 213-h Christopher Noll—Tools of Necessity: The Experimental Identification of Flake Tool Pressure Flakers
- 213-i David Cain—Sticks with Stones: Controlled Experimentation in the use of the Weighted Atlatl
- 213-j Eric Skov—The Forgotten Projectile Weapon: Ongoing experimentation in the capabilities of slings and slingstones.
- 213-k Rebecca Taylor-Perryman—An experimental approach to Middle Stone Age engraved ochre

**[214] POSTER SESSION ■ MISSISSIPPIAN POTTERY STUDIES****Room:** Southwest Exhibit Hall (CC)**Time:** 10:30 AM–12:30 PM**Participants:**

- 214-a Anna Semon, Lindsay Bloch and Mary Elizabeth Fitts—Ceramic Chemical Characterization Studies in the Southeastern, US
- 214-b Christina Friberg—Bringing Mysteries of Mississippian Ceramics to Light with Reflectance Transformation Imaging
- 214-c Burton Smith—Reconstructing the Provenance of an Orphaned Pottery Vessel Collection: A Missing Assemblage from the Middle Mississippian Type Site of Cherry Valley?
- 214-d Carla Pereira—Transmission Patterns among Late Prehistoric Potters of Mississippi River Valley Ceramics
- 214-e Alison Bell, Donald Gaylord and Erika Vaughn—Site Dating and Ceramic Use Wear: Variability in Socio-Spatial Mobility and Consumer Strategy

**[215] POSTER SESSION ■ PERUVIAN POTTERY STUDIES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 215-a Elizabeth Katherine Cruzado Carranza—A New Typology of the Huaura Ceramic Style from the North-Central Coast of Peru
- 215-b Amy Szumilewicz—Size Matters: Functional and Symbolic uses of Miniature Vessels in Middle Sicán, Peru.
- 215-c Ursel Wagner, Gabriela Cervantes, Werner Häusler, Fritz, E. Wagner and Izumi Shimada—Miniature Vessels from the Sicán Burial Site of Huaca Loro studied by Mössbauer Spectroscopy

**[216] POSTER SESSION ■ SOUTHWESTERN POTTERY STUDIES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 216-a Andrea Einck—Fort Selden, New Mexico: Ceramics and Ethnicity
- 216-b Claire Barker and Lisa Young—Ceramics and Exchange Networks: Exploring Social and Economic Interactions at Pueblos and Out of Phase Pithouses
- 216-c Shelbie Bartlett—Death Rituals in Their Social Contexts: The Relationship of "Kill Holes" to Images on Mimbres Ceramics and the Ideology behind Them
- 216-d Janis Calleja—Ceramic Variation and Chronological Change in Jemez Valley, New Mexico
- 216-e Chris North and Robert B. Neily—A Pueblo IV Period Hopi Pottery Firing Complex on Antelope Mesa
- 216-f Jeffrey Ferguson, Donna Glowacki, Winston Hurst and Catherine Cameron—Chacoan and Post-Chacoan Pottery Production and Circulation at Great Houses in the Comb Ridge Locality, Southeast Utah
- 216-g Dorothy Larson—Migration in the North-Central Rio Grande: Using Petrography to Distinguish Ceramic Technologies of the Albuquerque Region during the Late Developmental/Coalition Transition
- 216-h Timothy Ferguson, Karen Harry and Jeffrey Ferguson—Examining the Production and Distribution of Shivwits Ware Pottery
- 216-i Sachiko Sakai—Change in Clay Sources of Olivine-Tempered Ceramics in the Arizona Strip and Adjacent Areas in the American Southwest
- 216-j Emma Britton and Michael Whalen—Preliminary analysis of paste and temper types of Casas Grandes ceramics
- 216-k Lori Reed, Jeffrey Ferguson and Andrea Carpenter—Crushing Cobbles: A Study of Local Resources and Pottery Production at Aztec Ruins, New Mexico
- 216-l Mark Agostini and Scott Van Keuren— Cibola White Ware Pigment Recipes in the Late Pre-Hispanic Period Southwest
- 216-m Susan Ryan and Paul Ermigiotti—Reproducing Ancestral Pueblo Pottery Paint
- 216-n Andrew Steier, Donna Glowacki and Edward Stech—Investigating Paint Recipes of Mesa Verde Black-on-White Bowls through PIXE Analysis

**[217] SYMPOSIUM ■ POLITICAL-ECONOMIC ORGANIZATION AND INTERACTION  
NETWORKS OF EARLY STATES- RECENT CONTRIBUTIONS FROM THE INDUS  
CIVILIZATION****Room:** Cotton Row (CC)**Time:** 10:45 AM–12:00 PM**Organizer:** Mary Davis**Chair:** Gregg Jamison**Participants:**

- 10:45 Matthew Mosher—Political Structure in the Indus Valley Civilization: A Comparative Perspective
- 11:00 Brett Hoffman—The Role of Metals on the Indus Civilization
- 11:15 Ben Valentine, Vasant Shinde and John Krigbaum—Mobility on the Margins: Immigrant Experience at the Indus Civilization Frontier
- 11:30 Gregg Jamison—Seal Production and Use at Harappa: new insights into craft production and control
- 11:45 Mary Davis—Evaluating Factions and Neighborhoods at Harappa using Chipped Stone Tools

**[218] GENERAL SESSION ■ STUDIES IN CHACOAN ARCHAEOLOGY****Room:** River Bluff (CC)**Time:** 10:45 AM–11:45 AM**Chair:** Kathy Durand Gore**Participants:**

- 10:45 Joel Lennen—An Argument for Chimney Rock as a Pilgrimage Site in Chacoan Society
- 11:00 Natalie Fast and William D. Lipe—Social Scale of a Southeast Utah Great House
- 11:15 Katharine Ellenberger—Visibility at a Chacoan outlier: Directed inward or projecting outward?
- 11:30 Kathy Durand Gore and David Batten—Migration to Paquime on the Chaco Meridian: the Dental Evidence

**[219] GENERAL SESSION ■ FEASTING, FOOD AND CULTURE****Room:** L-12 (CC)**Time:** 11:00 AM–11:30 AM**Chair:** Christine Beaulé**Participants:**

- 11:00 Christine Beaulé—Ceremonial Drinking and Feasting in Cross-Cultural Perspective
- 11:15 China Shelton—Elite Foodways at Roman Kenchreai, Greece

**[220] GENERAL SESSION ■ ARCHAEOOMETRY**

**Room:** Sultana (CC)

**Time:** 11:00 AM–11:45 AM

**Chair:** TBA, please see program update

**Participants:**

- 11:00 Joe Collins, C. Fred T. Andrus, Robert J. Scott and Amy Moe-Hoffman—  
Oxygen Isotope Ratios (d18O) of Freshwater Shell as a Proxy for  
Determining the Seasonality of a Protohistoric Shell Assemblage
- 11:15 Jiyun Gu, Timothy Ward, Michael Galaty, Christopher Horne and Dai  
Nguyen—Laser Ablation- Inductively Coupled Plasma – Mass Spectroscopy  
Analysis of Albanian Chert Artifacts
- 11:30 Martha Morgan—Archaeological and Archaeometric Interpretation of al-  
Basra, Morocco Metals

**[221] SYMPOSIUM ■ MORE ARCHAEOLOGICAL RESEARCH ON THE B-SQUARE RANCH,  
FARMINGTON, NEW MEXICO**

**Room:** L-2 (CC)

**Time:** 11:00 AM–12:00 PM

**Organizer:** David Witt

**Chairs:** Linda Wheelbarger and David Witt

**Participants:**

- 11:00 Linda Wheelbarger—The Point Community Center: An Ancestral Proto-Great  
House of the Chacoan Period, Middle San Juan Region, Northwest New  
Mexico
- 11:15 David Witt—Lithic Utilization in the Middle San Juan Region
- 11:30 Christine Kendrick—Economic And Ritual Use Of Animals At The Sterling  
Site (LA 22652): A Chacoan Outlier In The Middle San Juan Basin
- 11:45 Kristina Otto and Linda Wheelbarger—Ceramics at the Point Community  
Center, Middle San Juan Region, Northwestern New Mexico

## Saturday Afternoon ■ April 21, 2012

**[222] GENERAL SESSION ■ ARCHAEOLOGY OF CENTRAL AND SOUTHERN ARIZONA****Room:** L-4 (CC)**Time:** 1:00 PM–2:00 PM**Chair:** John Murphy**Participants:**

- 1:00 Fred Nials—Irrigation and Field Systems at the Las Capas Site, Tucson Basin, USA
- 1:15 John Murphy—Large-Scale Irrigation on the Salt and Gila Rivers, ca 400-1400 CE: The Hohokam Water Management Simulation (Phase II) Summary of Results
- 1:30 David Doyel and Adrienne Rankin—Agriculture in Native Economies in Western Papagueria, Arizona
- 1:45 Robert Stokes and Joanne Taktikos—A Protohistoric to Historic Yavapai Persistent Place on the Landscape of Central Arizona: Evidence from the Lake Pleasant Rockshelter Site

**[223] SYMPOSIUM ■ STEED-KISKER: RECENT RESEARCH AND COMPARISONS****Room:** L-6 (CC)**Time:** 1:00 PM–2:00 PM**Organizer:** Douglas Shaver**Chair:** Mary Adair**Participants:**

- 1:00 Douglas Shaver—Steed-Kisker Archaeology: Cooperative Research on the Smith's Fork Site, Clay County, Missouri-
- 1:15 Donna C. Roper—An Overview of Some Neglected Aspects of Steed-Kisker Pottery Analysis
- 1:30 John Hedden and Daniel Horgen—Steed Kisker-Nebraska Phase Cultural Relationships in the Glenwood Locality:
- 1:45 Mary Adair and Gina Powell—Steed-Kisker Archaeobotany: New Data, Old Data, and their Regional Context

**[224] SYMPOSIUM ■ NEW PERSPECTIVES ON BAHAMIAN ARCHAEOLOGY: PLANTATION ARCHAEOLOGY AND BEYOND****Room:** Chickasaw (CC)**Time:** 1:00 PM–2:30 PM**Organizer:** Mary Jane Berman**Chair:** Perry L. Gnivecki**Participants:**

- 1:00 Jane Eva Baxter —Investigating Absence: Assessing the Cumulative Effects of Casual Collecting at a 19th Century Bahamian Plantation
- 1:15 Addison Kimmel —Colonial Perceptions of Space and Power: Patterns in Plantation Layout in Colonial Dominica and the Bahamas
- 1:30 Heather Hatch —Maritime Cultural Landscapes in the Bahamas
- 1:45 Jane Day and Robert Carr—Finding the Reverend Patrick Copeland
- 2:00 Robert Carr —New Evidence of the Eleutherian Adventurers of Preachers Cave, Eleuthera
- 2:15 Mark Hauser —Discussant



**[225] SYMPOSIUM ■ EMERGING PATTERNS IN THE AMERICAS IN THE ARCHAEOLOGICAL RECORD BEFORE CLOVIS**

**Room:** Steamboat (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** D Clark Wernecke and Steven Holen

**Chair:** D Clark Wernecke

**Participants:**

- 1:00 Steven Holen—Evidence for a Mid-Wisconsin Human Presence in the Americas
- 1:15 Mike Waters—The Emerging Archaeological Pattern in North America from 13,000 to 15,500 cal yr B.P.—A viewpoint from the Debra L. Friedkin Site, Texas and Manis Site, Washington
- 1:30 Loren Davis and Samuel Willis—Early Lithic Technology at the Cooper's Ferry Site, Idaho
- 1:45 Bruce Bradley and Raphael Suarez—A Fishy Tale: Clovis and Cola de Pescado technologies in the Americas
- 2:00 Ruth Gruhn—Late Pleistocene cultural diversity in South America
- 2:15 Thomas Dillehay—Emerging Settlement, Subsistence and Social Patterns During the Late Pleistocene/Early Holocene in South America and Beyond: A Critical Assessment
- 2:30 Michael B. Collins—Preliminary Geographic Patterns in Older-Than-Clovis Assemblages of North America
- 2:45 Darrin Lowery and Dennis Stanford—Coastal Plain Geology, Marine Transgression, and Geochemistry: An Understanding of Archaeological Patterns along the Delmarva Peninsula, USA

**[226] ELECTRONIC SYMPOSIUM ■ KITE AERIAL PHOTOGRAPHY 1912-2012: 90 YEARS OF STAGNATION AND 10 YEARS OF INNOVATION IN AERIAL ARCHAEOLOGY**

*(Sponsored by [www.ShovelBums.org](http://www.ShovelBums.org))*

**Room:** 205 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** Robert Brandon and Mark Willis

**Chairs:** Mark Willis and Robert Brandon

**Participants:**

- Steven Walker—Wellcome's initiative: kite aerial photography in the service of archaeological survey
- Mark Willis—Recent Innovations in Kite Aerial Photography and Structure from Motion Mapping
- Alex Morrison and Matthew J. Bell—The Application of Kite and Pole Aerial Photography to 3 Dimensional Archaeological Modeling: Case Studies from the Pacific Islands
- Austin Hill—Discussant
- Robert Brandon—100 Years of Kite Aerial Photography: Finally it's easy, economical, and ready for you to use
- Mike Bies—Discussant
- Chet Walker—Discussant

**[227] SYMPOSIUM ■ PROYECTO COSTA ESCONDIDA: RECENT INTERDISCIPLINARY RESEARCH AT THE ANCIENT MAYA PORT OF VISTA ALEGRE****Room:** Sultana (CC)**Time:** 1:00 PM–3:00 PM**Organizers:** Jeffrey Glover and Dominique Rissolo**Chair:** Jeffrey Glover**Participants:**

- 1:00 Jeffrey Glover and Dominique Rissolo—Introduction to the Proyecto Costa Escondida and the 2011 Field Season at Vista Alegre
- 1:15 Derek Smith—Proyecto Costa Escondida: Coastal Ecology at Vista Alegre
- 1:30 Beverly Goodman, Roi Hijel, Patricia Beddows, Dominique Rissolo and Jeffrey Glover—Coring for Harbor Sediments at Vista Alegre
- 1:45 Patricia Beddows—Exploring the Hydrogeology and Hydrogeochemistry of the Holbox Lagoon
- 2:00 Chris Götz and Ricardo Zapata Escamilla—Fauna vertebrada de Vista Alegre
- 2:15 J. Wesley Patterson, Tyler Hill, Hazel Sanchez and Halle Stoutzenberger—Recent Excavations at Vista Alegre: Stratigraphic Evidence of Landscape Modifications at an Ancient Maya Port
- 2:30 Heather McKillop—Discussant
- 2:45 John Hale—Discussant

**[228] SYMPOSIUM ■ NEOLITHIC STEREOTYPES: HAS SOUTHWEST ASIAN ARCHAEOLOGY OUTLIVED THE NEOLITHIC?****Room:** L-11 (CC)**Time:** 1:00 PM–3:15 PM**Organizers:** Cheryl Makarewicz and Bill Finlayson**Chairs:** Cheryl Makarewicz and Bill Finlayson**Participants:**

- 1:00 Bill Finlayson—Imposing the Neolithic on the past
- 1:15 Tobias Richter and Lisa A. Maher—Unpacking the Neolithic in southwest Asia
- 1:30 Eleni Asouti—Concepts of subsistence economy in the Neolithic archaeology of Southwest Asia: a critical overview
- 1:45 Trevor Watkins—Neolithic, neolithisation – chronology versus process
- 2:00 Fiona Marshall—The Neolithic in Africa: Alive and Kicking?
- 2:15 Juan Jose Ibanez—Connecting the southern and northern Levant: Implications for understanding the origins of the Neolithic
- 2:30 Benjamin Arbuckle—Is there such a thing as a “Neolithic Animal Economy”?
- 2:45 Li Liu—Discussant
- 3:00 Cheryl Makarewicz—Breaking the chains of kinship: Re-forging the links between Neolithic social structure and economic change

**[229] SYMPOSIUM ■ HOLY HOUSES****Room:** L-5 (CC)**Time:** 1:00 PM–3:45 PM**Organizer:** Carrie Heitman**Chairs:** Carrie Heitman and Jennifer Kahn**Participants:**

- 1:00 Jennifer Kahn—Holy Houses, Principal Houses, and Precedence in the Late Prehistoric Society Islands
- 1:15 Abigail Holeman—Ritual Attractors at Paquimé: Political Dynamics in Northern Mexico
- 1:30 Chihhua Chiang and Yi-Chang Liu—Houses in the Neolithic Wansan society, Taiwan
- 1:45 Patricia Wattenmaker—Power of the House in Ancient Mesopotamia
- 2:00 Joseph Stair and Scott Hutson—Dedicatory Offerings from 21 de Abril and Kancab, two Maya sites along the Causeway between Uci and Cansahcab, Yucatan, Mexico.
- 2:15 Carrie Heitman—The Creation of a Holy House: A Case Study from Chaco Canyon, New Mexico, A.D. 800-1200
- 2:30 Jeanne Lopiparo—Blood, Seed, Flesh, and Bone: Substances, Structured Deposition, and the Sacralization of Social Houses in the Ulúa Valley, Honduras
- 2:45 Stephanie Wynne-Jones—Sacred and mundane in the life of the Swahili stonehouse
- 3:00 Sue Hamilton and Colin Richards—Dreaming of Hawaiki: rethinking the Hare Peanga of Rapa Nui (Easter Island)
- 3:15 Meredith Chesson—Discussant
- 3:30 Susan Kus—Discussant

**[230] SYMPOSIUM ■ MEMORY SITS IN PLACES: MEMORY, SPACE, AND POWER**

**Room:** Ballroom D (CC)

**Time:** 1:00 PM–3:45 PM

**Organizer:** Maria Theresia Starzmann

**Chair:** Maria Theresia Starzmann

**Participants:**

- 1:00 Maria Theresia Starzmann—Remembering Landscapes of Violence: Doing Justice in Archaeology
- 1:15 Elizabeth Clark—Teaching Memory: Turkish Primary Education and the Creation of Turkish Identity
- 1:30 Bradley Parker—Nationalism, the Production of Knowledge, and the Silencing of the Past
- 1:45 M. Dores Cruz—From Domestic to Sacred Landscapes: tales of memory and archaeology in Southern Mozambique
- 2:00 Laura Quirk—The Ghosts in their Closets: Revisiting the Catholic Cemetery at Indiana, Ontario
- 2:15 Sevil Baltali Tirpan—Archaeology, Memory and Place-Making: A Case Study from Central Turkey
- 2:30 Jonathan Brunstedt —Between Nostalgia and Expedience: Moscow's Poklonnaia Hill as Site of Second-World-War Remembrance
- 2:45 Anne Balay—Steel Closets: Gay Steelworkers' Allegiance to a Hostile Workplace
- 3:00 Lucille Roussin—Remembering What I never knew
- 3:15 Nontsasa Nako—Narrative Privilege and Unequal Access in South Africa's TRC
- 3:30 Andrew Epstein—Discussant

**[231A]      WORKSHOP ■ USING TDAR (THE DIGITAL ARCHAEOLOGICAL RECORD) TO IMPROVE YOUR PROFESSIONAL PRODUCTIVITY****Room:** Chattanooga (M)**Time:** 1:00 PM–4:00 PM**[231]      SYMPOSIUM ■ EARLY LITHIC TECHNOLOGIES IN SOUTH AMERICA: BEYOND REGIONAL PROJECTILE POINT TYPOLOGIES****Room:** Ballroom B (CC)**Time:** 1:00 PM–4:00 PM**Organizers:** Kurt Rademaker and Cesar Mendez**Chairs:** Cesar Mendez and Kurt Rademaker**Participants:**

- 1:00 Fabiana Skarbun, Manuel Cueto, Ariel D. Frank and Rafael S. Paunero—Lithic technology in early occupations of the southern tip of South America
- 1:15 Rafael Suarez—Blade Technology in Southeast of South America by 10,930–10,880 yr BP: Evidence for Pay Paso 1 site, Northwest Uruguay
- 1:30 Jose Capriles, Juan Albarracin-Jordan and Sergio Calla Maldonado—The Archaic Period of the Bolivian Altiplano: Recent Data on Settlement Patterns, Lithic Technology, and Subsistence
- 1:45 Cesar Mendez and Donald Jackson—Terminal Pleistocene lithic technology and mobility in Central Chile
- 2:00 Patricio De Souza—Differences between early and middle holocene lithics technologies in the Atacama highlands
- 2:15 Kurt Rademaker and Dan Sandweiss—Functional Variability in Early Lithic Technologies of Southern Peru
- 2:30 Greg Maggard—Re-evaluating Early Lithic Traditions on the North Coast of Perú
- 2:45 Angelo Constantine—Early lithic technology from hunters and gatherers of the Tropical Rainforest
- 3:00 Lucas Bueno and Agueda Vialou—Unifacial Lithic assemblages from Central Brazilian Plateau in the Early Holocene: implications for the study of Early Peopling of South America
- 3:15 Michael Faught—From the Early Archaic to the Middle Archaic in Florida: population dynamics coincident with the “Archaic Gap” in Brazil?
- 3:30 Nora Franco—Discussant
- 3:45 David Anderson—Discussant

**[232]      GENERAL SESSION ■ LATE PREHISTORIC AND CONTACT PERIOD IN EASTERN NORTH AMERICA****Room:** L-12 (CC)**Time:** 1:00 PM–4:00 PM**Chair:** Sarah W Neusius**Participants:**

- 1:00 Madeleine McLeester—Reconstructing the Protohistoric Landscape: Restoration, Land Use, and Environmental Change
- 1:15 George Odell, Colleen Bell, Donald Blakeslee, Sarah Chandlee and Maclaren Law de Lauriston—Manufacturing Protohistoric Wichita Pipes
- 1:30 Andrew Buchner—2011 Excavations at the Foster Site (3LA27), a Late

- 1:45 Caddo Component on the Red River in Southwest Arkansas  
Marisa Fontana—Preliminary LA-ICP-MS analysis of Protohistoric/Historic Creek pottery in Central Alabama
- 2:00 William Marquardt and Karen J. Walker—Rethinking The Calusa Of Southwest Florida
- 2:15 David Cranford and Mary Elizabeth Fitts—Tracing Persistence through Coalescence: Cheraws in the Catawba Nation
- 2:30 Gabrielle Purcell—Changes in Maize Agriculture Before and After European Contact at Smokemont (31SW393)
- 2:45 Theresa McReynolds Shebalin—Household Variation at Catawba New Town, ca. 1790-1820
- 3:00 James Nyman—Defense Against 'Decline': Using the Production Step Measure to Question Patterns of Cultural Decline Reflected in Ceramic Assemblages
- 3:15 Ashley McCall—Stable Isotopes, Pathologies, and Agriculture of the Turpin Site Population
- 3:30 Sarah W Neusius and Beverly Chiarulli—Dating the Late Pre-Contact Period in Central Western Pennsylvania
- 3:45 Donald Holly, Christopher Wolff and John Erwin—The Beothuk Indians of Newfoundland and the Archaeology of Abandonment: Perspectives from Southeastern Newfoundland and the Stock Cove West Site

**[233] SYMPOSIUM ■ HOUSEHOLDS AND AUTONOMY IN PRE-HISPANIC TIMES**

**Room:** L-14 (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Emiliano Gallaga and Elizabeth Paris

**Chair:** Elizabeth Paris

**Participants:**

- 1:00 Emiliano Gallaga and Elizabeth Paris—Agency and autonomy in prehispanic households, an introduction.
- 1:15 Davide Domenici, Lorenzo Zurla and Arianna Campiani—El Higo Sector I: A Late Postclassic Zoque Household in Western Chiapas, Mexico.
- 1:30 Andrew Wyatt—Ancient Maya Household Resource Management and the Importance of Water Associations
- 1:45 Joel Palka, A. Fabiola Sanchez Balderas, Rebecca Deeb and Caleb Kestle Kestle—Protohistoric Maya Households and Community at Lake Mensabak, Selva Lacandona, Chiapas
- 2:00 Chelsea Blackmore—Commoner Households, Agency and the State
- 2:15 Elizabeth Paris—Household Autonomy and the Organization of Chipped Stone Tool Production in the Jovel Valley, Chiapas, Mexico
- 2:30 Rebecca Mendelsohn and Robert Rosenswig—Families and Feasts: Households and Feasting Practices at the Dawn of Ceramic Technology
- 2:45 Lauren Herckis—Obsidian blade production and exchange in northern Chiapas, Mexico
- 3:00 Richard Lesure, Jennifer Carballo, Isabel Rodríguez López and Aleksander Borejsza—The Choice to Conform in Formative Central Tlaxcala: Social Processes behind Household Expressions in Fired Clay
- 3:15 Marc Levine—Linking Household and Polity through Ritual Economy at Late Postclassic Tututepec, Oaxaca, Mexico
- 3:30 Maxine Oland—Maya Households in Transition: Postclassic-Colonial Period Household Archaeology at Progreso Lagoon, Belize

- 3:45 Oscar Prieto—Exploring fishing communities through household dimensions:  
The Pampas Gramalote Case
- 4:00 Timothy S. Hare—Discussant

**[234] SYMPOSIUM ■ WORLDWIDE LARGE-SCALE TRAPPING AND HUNTING OF  
UNGULATES IN PAST SOCIETIES**

**Room:** L-2 (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Guy Bar-Oz and Dani Nadel

**Chair:** Guy Bar-Oz

**Participants:**

- 1:00 Bruce Smith—Discussant
- 1:15 Doug Bird, Brian Coddling and Rebecca Bliege Bird—Megafauna in a  
Continent of Small Mammals: Martu Camel Hunting in Australia's Western  
Desert
- 1:30 Kristen Carlson and Leland Bement—Organization of Bison Hunting at the  
Pleistocene/Holocene Transition on the Southern Plains of North America
- 1:45 Erna Dominey and Jack Brink—Stone drive lanes for pronghorn communal  
hunting on the plains of Alberta, Canada
- 2:00 Max Friesen—Special Weapons and Tactics: Understanding Variability  
among Caribou Drive Systems in the Central Canadian Arctic
- 2:15 Bryan Hockett, Cliff Creger, Beth Smith, Craig Young and James Carter—  
Variability in Large Game Trapping Strategies in the Great Basin, U.S.A.:  
Communal Fandangos, Prestige Hunting, or Optimal Foraging?
- 2:30 Jon Driver and David Maxwell—Implications of age structure at bison mass  
kill sites
- 2:45 Patrick Lubinski—What is Adequate Evidence for Mass Procurement of  
Ungulates in Zooarchaeology?
- 3:00 Stephan Kempe—Desert kites in Jordan and Saudi Arabia, structure,  
statistics and function, a GoogleEarth Study
- 3:15 Amnon Nahmias, Guy Bar-Oz, Dani Nadel and Dan Malkinson—What are  
the large chain kites and associated features in the Eastern Levant?
- 3:30 Dani Nadel, Guy Bar-Oz, Uzi Avner and Dan Malkinson—Ramparts Instead  
of Walls: Building Techniques of Mass Hunting Traps in the Negev Highland
- 3:45 Melinda Zeder, Guy Bar-Oz, Scott Ruffolo and Frank Hole—The Role of  
Mass-Hunting in the Extirpation of Steppic Herd Animals in Northeastern  
Syria
- 4:00 John Speth—Discussant

**[235] SYMPOSIUM ■ CONTEMPORARY RESEARCH IN ECUADORIAN ARCHAEOLOGY**

**Room:** River Bluff (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Sarah Rowe, Sonia Zarrillo and Mariauxi Cordero

**Chair:** Sarah Rowe

**Participants:**

- 1:00 Sonia Zarrillo—Formative Period Agriculture in Highland Ecuador: Timing  
and Nature
- 1:15 Amy Krull and Tamara Bray—The Broken and the Whole: Manos and  
Metates from the Site of Inca-Caranqui

- 1:30 Sarah Taylor—Social Organization at El Dornajo during the Regional Development Period
- 1:45 Paulina Ledergerber—Canari and Shuar's ancestors. Cultural landscapes in the Morona-Santiago Province, Ecuador
- 2:00 Brett Freeman—Ground Stone and Social Complexity in Pre-Columbian Eastern Ecuador
- 2:15 Carlie Pennycook, Christine White, Victoria Dominguez, Maria Guevara and Fred Longstaffe—Pre-Columbian Diet and Health in the Quito Basin During the Integration Period
- 2:30 Sandy Schreyer, Brenda Bowser and Hector Neff—Economic Aspects of Inka Empire Consolidation from Pambamarca, Ecuador
- 2:45 Abigail Middleton and Maria Masucci—Settlement and Expansion in Coastal Southwest Ecuador: Developments Spanning the Late Formative and Regional Developmental Periods
- 3:00 Kaitlin Yanchar and Leah Minc—Ceramic Sources as Indicators of Trade in Pre-Incaic Northern Ecuador
- 3:15 Mariauxi Cordero, Martha Romero and Richard Scaglione—North Andean Ritual Vessels: A Chemical Analysis of Piartal Pottery
- 3:30 Valentina Martinez, Nikki Jastremski and Yann Graber—The Interplay between Mortuary and Habitational Sites in Coastal Ecuador: Evidence from Site 035.
- 3:45 Alejandra Gudino and Ronald D. Lippi—Is Community Archaeology the key to Community Engagement? Notes from Palmitopamba- Ecuador
- 4:00 Ronald Lippi—A critique of contemporary Ecuadorian archaeology with some suggestions for foreign Ecuadorianists

**[236] SYMPOSIUM ■ FOUR DECADES OF BELIZE ARCHAEOLOGY: HONORING THE WORK OF NORMAN HAMMOND**

**Room:** Ballroom E (CC)

**Time:** 1:00 PM–4:30 PM

**Organizers:** Laura Kosakowsky and Laura Levi

**Chairs:** Laura Kosakowsky and Laura Levi

**Participants:**

- 1:00 Wendy Ashmore—A Prosopography of Maya Archaeology, 1972-2012
- 1:15 Laura Kosakowsky and Duncan Pring—Cuello: An Early Maya Community [aka Dating Cuello: A Decades Long Romance]
- 1:30 Rebecca McSwain—Maya Lithics after 35 Years: Charting Islands, Wrecks, and Reefs in the Sea of Ignorance
- 1:45 Elizabeth Graham—Eating Albert -- Or Maybe Not
- 2:00 Gair Tourtellot—Ave atque Vale: Norman Hammond Early and Late in Mayaland
- 2:15 Kerry Sagebiel—Teasing Out Time: Ceramics and Stratigraphy at La Milpa, Belize
- 2:30 Anne Pyburn and Richard Wilk—Finding a House
- 2:45 Estella Weiss-Krejci—Archaeology beyond La Milpa: Excavations at an ancient Maya reservoir
- 3:00 Cynthia Robin—The Belize Valley and Community Scale Research: Celebrating the Legacy of Norman Hammond
- 3:15 Gloria Everson—Terminal Classic Residential Settlement at La Milpa, Belize
- 3:30 Jason Gonzalez—Late Classic La Milpa: Polygons, Centers, and Regional

- Importance
- 3:45 Laura Levi—Truth to Power: What Settlement Patterns Say about Ancient Maya Political Process
- 4:00 Jaime Awe—"Ex Oriente Lux": Norman Hammond and the Archaeology of Belize.
- 4:15 E. Wyllys Andrews—Discussant

**[237] SYMPOSIUM ■ POWER AT THE LIMITS OF AUTHORITY IN PRE-MODERN POLITIES**  
**Room:** L-7 (CC) (entrance through L-9)  
**Time:** 1:00 PM–4:30 PM  
**Organizers:** Charles Golden and Andrew Scherer  
**Chairs:** Andrew Scherer and Charles Golden

**Participants:**

- 1:00 Charles Golden and Andrew Scherer—Power at the Limits of Authority: An Introduction
- 1:15 Fotini Kondyli—Lords at the end of the Byzantine Empire
- 1:30 Rowan Flad—Not Your Average Zhou: Dispersed Settlements and Political Authority in the Chengdu Plain of Sichuan During the Bronze Age
- 1:45 Jennifer Gates-Foster—Locality and the construction of authority in Ptolemaic Upper Egypt
- 2:00 Josh Wright and William Honeychurch—The Trials of a Fodder Lord: Dispersed Settlement Zones and Political Authority in the Bronze Age of the Eastern Steppe
- 2:15 Matthew Liebmann—On the Borders of Borderlands: Negotiating Authority in the Seventeenth-Century Pueblos of New Mexico
- 2:30 Lori Khatchadourian—The Satrapal Condition: Achaemenid Armenia and the Archaeology of Empire
- 2:45 Andrew Scherer and Charles Golden—Making the Kingdom, Breaking the Kingdom: Maya Border Lords and the Dynamics of Polity
- 3:00 J. Cameron Monroe—Capturing the Countryside: Cities, Practice, and Power in Precolonial Dahomey
- 3:15 Andrew Martin—The Centrality of Borderlands: Contexts of clarity in Early Bronze Age Wessex.
- 3:30 Sonia Alconini—Testing power in the Inka frontiers: elite frontier competition and the empire
- 3:45 Michael Frachetti—Institutional Participation and Nomadic "Power Brokers"
- 4:00 Christopher Beekman—Discussant
- 4:15 Florin Curta—Discussant

**[238] SYMPOSIUM ■ 2012 FRYXELL SYMPOSIUM: PAPERS IN HONOR OF CHRISTINE A. HASTORF**  
*(Sponsored by Fryxell Award Committee)*  
**Room:** Cotton Row (CC)  
**Time:** 1:00 PM–5:00 PM  
**Organizers:** Maria Bruno and Matthew Sayre  
**Chairs:** David Goldstein and Shanti Morell-Hart

**Participants:**

- 1:00 David Goldstein—Managed Landscapes and the Development of Early Agriculture in Andean South America



- 1:15 Gayle Fritz, Bruce D. Smith, Maria C. Bruno, BrieAnna S. Langlie and Logan Kistler—Superfood: A Hemispherical Perspective on the Cultigen Chenopods
- 1:30 Gail Wagner—Maize Rising
- 1:45 Katherine Moore—Recovering the Cuisine of the Andean Prececeramic
- 2:00 Alexandre Chevalier, Valerie Beugnier, Caroline Hamon, Aurelie Salavert and Dominique Bosquet—Technical and social processes of food plants procurement in Early Northwestern European Neolithic.
- 2:15 Margaret Scarry—Food Storage, Consumption and Urban Politics at Azaoria an Archaic City on Crete
- 2:30 Kathryn Twiss and G. Arzu Demirelgi—The Temporality of Food at Neolithic Çatalhöyük, Anatolia
- 2:45 Sheena Ketchum and Sonya Atalay—The Heart of the Home - Fire installations and daily life at Catalhoyuk, Turkey.
- 3:00 William Whitehead and Matthew Sayre—Household versus Ritual plant use at Conchopata - A Hauri, Middle Horizon, Administrative Center in Ayacucho, Peru
- 3:15 Alan Farahani, Katherine Chiou, Rob Cuthrell, Anna Harkey and Shanti Morell-Hart—Exploring Household Economies and Practices through GIS Modeling at La Joya de Ceren, El Salvador
- 3:30 Christopher Morehart—Ritual Time: Pinpointing the temporality of ritual practice using archaeobotanical data
- 3:45 Eduardo Machicado—Continuity or Transformation? 3500 years of Burial Practices in the Southern Lake Titicaca Basin, Bolivia
- 4:00 Margaret Conkey—Social Theory and Feminist Inspired Commitments: A Consistent Hallmark
- 4:15 Anita Cook and Joan Gero—Ethnobotany in Andean archaeology and how Christine Hastorf has promoted, improved and altered its basic practice
- 4:30 Deborah Pearsall—Discussant
- 4:45 Terence D'Altroy—Discussant

**[239] SYMPOSIUM ■ A VIEW FROM UPSTREAM: CURRENT RESEARCH AND PERSPECTIVES ON THE LATE PREHISTORIC PERIOD IN THE MID- TO LOWER OHIO RIVER VALLEY**

**Room:** L-3 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizer:** Jeremy Wilson

**Chair:** Anthony Krus

**Participants:**

- 1:00 Brian Butler, Corin C. O. Pursell and Tamira K. Brennan—Kincaid in the New Century—Recent Investigations of A Prehistoric Illinois Metropolis
- 1:15 Elizabeth Watts and Susan M. Alt—Trading Traditions: Interactions Between Yankeetown and Cahokia in Southwestern Indiana
- 1:30 Michael Strezewski—Mississippian Origins in the Middle Ohio River Valley: A View from the Kuester Site
- 1:45 Staffan Peterson and Cheryl Ann Munson—A Revised Chronology for Yankeetown, Angel, and Caborn-Welborn Cultures in Southwestern Indiana and Adjacent States.
- 2:00 Dru McGill and Staffan Peterson—Social Contexts of Mississippian Plainware Production at Angel Mounds Indiana
- 2:15 Jocelyn Turner and Cheryl Ann Munson—A View of Southern Indiana Fields, Forests, and Kitchens: Revealing Inter- and Intra-Cultural Variation in Plant

- Foodways of the Emergent through Late Mississippian Periods
- 2:30 Michael Striker—The Cosmological and Social Significance of Palisades
- 2:45 Mark Schurr—Human and Faunal Isotopic Ecology in the Late Prehistoric Ohio Valley
- 3:00 Timothy Schilling and Timothy Baumann—Interrogating the Adonis of Newburgh: Fluorite Crafting and Use at Angel
- 3:15 Mark Hill and Emily Murray—White River Oneota: Perspectives from the Taylor Village Site
- 3:30 David Pollack and Gwynn Henderson—One or Two? Picking Apart Fox Farm's Middle Fort Ancient Occupational History
- 3:45 Robert Cook and B. Scott Aubry—Assessing Movement Into and Within the Miami Valleys: Preliminary Biodistance Results from the FARM (Fort Ancient Regional Movement) Project
- 4:00 Kevin Nolan—Least Cost and Flow Modeling of Late Prehistoric Interaction in the Scioto River Valley
- 4:15 Brian Redmond—On the Edge But Still Connected: Long-Distance Interaction and the Emergence of Late Prehistoric Societies in Northern Ohio
- 4:30 Patrick Livingood—Discussant
- 4:45 Vin Steponaitis—Discussant

**[240] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY OF EASTERN NORTH AMERICA****Room:** Mississippi (CC)**Time:** 1:00 PM–4:30 PM**Chair:** Carolyn Keagle**Participants:**

- 1:00 Bradley Phillippi—The Economy's Role in Imperial Transitions: An Archaeological and Historical Example from New Amsterdam and New York
- 1:15 Christine Plimpton—Freedom of Movement: A Syntactic Analysis of American Domestic Space Use from the Colonial Period to the Present
- 1:30 Heather Walder—Examining Historic Trade Networks of the Upper Great Lakes through Glass Bead Compositional Analysis
- 1:45 Carolyn Keagle—Mapping Social Landscapes: reconstructing pedestrian movement and accessibility for Contact Period Huron Territory
- 2:00 Sharon Freeman—Early Frontier Life in Northeast Alabama: A Case Study of Site 1Dk5
- 2:15 Cailin Meyer—Food and Social Identity: Establishing Antebellum Ethnic and Class Boundaries through Faunal Remains
- 2:30 Scott Demel—Fishermen and Farmers: An Archaeological Look at Life on Beaver Island, Lake Michigan during the mid-19th century.
- 2:45 Break
- 3:00 Dawn Bringelson—Under the Radar: Historic Land Use in the Apostle Islands
- 3:15 Karen Garrard—Exploring Cincinnati's Historic Riverfront
- 3:30 Elizabeth Hoag, Mallory Haas and Jarrod Burks—Re-Discovering Rockefeller: Geophysical and Archaeological Investigations at Forest Hill Park, East Cleveland, OH
- 3:45 Rebecca Gibson and James M. VanderVeen—Political Pins and Condom Tins: A Study in Sex and Power
- 4:00 Jason Brooks—Into the Hell Hole
- 4:15 Kimberly Pyszka—unto Seynte Paules: Anglican Landscapes and Colonialism in South Carolina

**[241] SYMPOSIUM ■ ARCHAEOLOGY AS SCIENCE: A MEMORIAL VIEW OF DUNNELL'S VISION**

**Room:** Ballroom C (CC)

**Time:** 1:30 PM–5:00 PM

**Organizers:** Janet Rafferty, David Meltzer, and Diana Greenlee

**Chairs:** Janet Rafferty and Diana Greenlee

**Participants:**

- 1:30 David Meltzer—Robert C. Dunnell: an introduction to the person and the symposium
- 1:45 LuAnn Wandsnider—The Notion Site Redux
- 2:00 William Dancey—Siteless Survey: Yesterday, Today, and Tomorrow
- 2:15 Evan Peacock and Janet Rafferty—Why Are We STILL Not Following the Principle of Representativeness in CRM?
- 2:30 Ann Ramenofsky—Reassessing Native Population Change and Introduced Diseases
- 2:45 R. Lee Lyman—Robert C. Dunnell and Archaeological Systematics
- 3:00 Jim Feathers—Conceptual issues in dating, Robert Dunnell and luminescence
- 3:15 Jan Simek and Sierra Bow—The Writing on the Wall: Late Prehistoric Paint Recipes in the Southeast
- 3:30 Sarah Campbell and Virginia Butler—Understanding the Evolution of Northwest Coast Marine Resource Management Systems using Collective Action Models
- 3:45 Michael O'Brien—Niche Construction Theory: A Key Concept in Evolutionary Studies
- 4:00 Michael Schiffer—Material-Stimulated Invention as a Source of Technological Variants
- 4:15 Charlotte Beck and George T. Jones—Dunnell's Selectionist Vision: Why did it not have more of an Impact on the Discipline?
- 4:30 Fraser Neiman—Boutique Breakout? Prospects for Evolutionary Research Programs in Archaeology.
- 4:45 Carl Lipo, Mark Madsen and Timothy Hunt—Cultural inheritance and scientific explanations of the archaeological record

**[242] SYMPOSIUM ■ MESOAMERICAN CERAMICS [SESSION IN HONOR OF JUSTIN AND BARBARA KERR]**

**Room:** L-13 (CC)

**Time:** 2:15 PM–5:00 PM

**Organizers:** Maline Werness and Michael Carrasco

**Chair:** Maline Werness-Rude

**Participants:**

- 2:15 Mary Pohl, Christopher von Nagy, Shannon Weatherby and Maria Tway—Olmec Ceramic Figurines from the La Venta Polity
- 2:30 Michael Carrasco—Intertextuality in Classic Maya Ceramic Art and Writing
- 2:45 Penny Steinbach—A Revised Definition of Late Classic Maya Codex-style Pottery
- 3:00 Inga Calvin—Rolling Out in the Field: An Analysis of Provenienced Classic Period Maya Pottery
- 3:15 Kerry Hull—Function and Form of Jaay Vessels from the Classic Period to the Modern Maya

- 3:30 Carlos Pallán Gayol—Addressing Terminal Classic Interaction Dynamics within the Puuc-Maya Region through Epigraphic and Ceramic Correlations
- 3:45 Betsy Kohut, George J. Bey III and Nancy M. Yates—Buildings of Clay: Late and Terminal Classic Cehpech Pottery as Architecture
- 4:00 Lynn Foster and Cherra Wyllie—Rio Blanco Ceramics of South-Central Veracruz
- 4:15 Maline Werness-Rude, Ronald L. Bishop, Dorie Reents-Budet, Osvaldo Gómez and M. James Blackman—Sacaba Pottery and the Terminal Classic Fine Paste Tradition in the Maya Lowlands
- 4:30 Michael Carrasco—Discussant
- 4:45 Michael Coe—Discussant

**[243] POSTER SESSION ■ POLITICS, CONFLICT, AND ARCHITECTURE IN THE ANDES**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 AM

**Participants:**

- 243-a Kayeleigh Sharp and Natalia Guzmán Requena—Re-Defining the Gallinazo-Mochica Relationship: Technological Style as a Practice-Based Proxy to Their Identities
- 243-b Robyn Cutright, John Rucker, William Spradlin and Gabriela Cervantes—Coastal Politics in the Middle Valley: Ventanillas as a Lambayeque Political Center in the Middle Jequetepeque Valley, Peru
- 243-c Patrick Mullins, Evan Surridge and Brian Billman—Fortaleza de Quirihuc: A Chimú Fortification in the Middle Moche Valley
- 243-d Maeve Skidmore and Arturo F. Rivera I.—The evolution of a Wari colonial community: modification of domestic space through time at Hatun Cotuyoc, Huaró, Peru
- 243-e Elizabeth Arkush—Households at Machu Llaqta: A Late Pre-Columbian Hillfort Town in Southern Peru
- 243-f Lauren Kohut—Seeing in a landscape of war: GIS-based visibility analysis of fortified sites in the Colca Valley, Peru
- 243-g Karen Anderson—Developments in Tiwanaku Chronology: New radiocarbon dates from Piñami, Cochabamba

**[244] POSTER SESSION ■ COASTAL LANDSCAPE OF THE WESTERN IRISH COAST: MULTI-SCALAR ARCHAEOLOGY, DYNAMIC COMMUNITIES, AND CHANGING LIFE**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Organizers:** Katherine Shakour and Ian Kuijt

**Chairs:** Katherine Shakour and Ian Kuijt

**Participants:**

- 244-a Meagan Conway, Casey McNeill and Ian Kuijt—Beneath the 'Silent' Stones: Excavations at the McGreal House, Inishark, Co. Galway
- 244-b Claire Brown, Ian Kuijt and Casey McNeill—Patterns of Stone: Land use and property on Inishark, Co Galway, Ireland
- 244-c Philip Lettieri, Ian Kuijt and Benjamin Ridenhour—Empty School Seats: Tracing the 1907 epidemic, Inishark, Ireland
- 244-d Katherine Shakour, Casey McNeill, Meagan Conway and Ian Kuijt—Stories Shared Over Tea: Public Archaeology in an 18-20th Century Irish Fishing Village

- 244-e M Gunter, Nathan Goodale, David Bailey and Ian Kuijt—Ritual economies and medieval Irish gravestones: A case study in metamorphic and sedimentary rock sourcing
- 244-f Ryan Lash, Ian Kuijt, Alissa Nauman, John O'Neill, Terry O'Hagan and Elise Alonzi—Pilgrims Progress: Settlement Variety in Connemara's Early Medieval Seascape

**[245] POSTER SESSION ■ CRM, LAWS & REGULATIONS**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 245-a Deborah Hull-Walski, Kimball M. Banks, Edward B. Jelks, Jon S. Czaplicki and Lynn M. Snyder—Dammed If We Do And Dammed If We Don't: The River Basin Surveys And Interagency Archeological Salvage Programs 60 Years After
- 245-b Robert Selden, Leigh Cominiello, Joel Lennen and Richard Gatewood—Burned Area Emergency Response (BAER): Fire and Archaeology at Carlsbad Caverns National Park
- 245-c James Smith, Martin Stein, James Renn, Jeremy Iliff and Bruce Boeke—Permian Basin MOA - Year Three of Alternative Section 106 Compliance in Southeastern New Mexico

**[246] POSTER SESSION ■ EARTH OVEN RESEARCH IN THE LOWER PECOS CANYONLANDS OF SOUTHWEST TEXAS**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Organizer:** Stephen Black

**Chair:** Stephen Black

**Participants:**

- 246-a Stephen Black—Hot Rock Cooking in the Lower Pecos Canyonlands
- 246-b Charles Koenig—On The Burned Rock Trail: Archaeological Survey Along Dead Man's Creek
- 246-c Ashleigh Knapp—Little Sotol: an Archaic Earth Oven Facility in the Lower Pecos

**[247] POSTER SESSION ■ EXPLORING THE UPPER GILA: CENTER FOR DESERT ARCHAEOLOGY RESEARCH IN MULE CREEK AND BEYOND**

**Room:** Southwest Exhibit Hall (CC)

**Time:** 2:30 PM–4:30 PM

**Organizers:** Katherine Dungan and Deborah Huntley

**Chair:** Katherine Dungan

**Participants:**

- 247-a Robert Jones—Black Rocks During Black Mountain: Mule Creek Obsidian use during the 13th and 14th Centuries
- 247-b Deborah Huntley—Ceramic Production and the Development of Salado Identity in the Upper Gila Region of the American Southwest
- 247-c Christopher Caseldine—Go Fish: An Inter-site Analysis of Prehispanic Fish Consumption in the Mogollon Highlands and Upper Gila River Area
- 247-d Michael Diehl—Late Prehistoric Farming and Food Harvesting along Mule

- Creek, New Mexico.
- 247-e Colleen Kennedy—Migrants and Maize
- 247-f Katherine Dungan—Mule Creek and the Great Kiva Tradition of the Mogollon Highlands

**[248] POSTER SESSION ■ GREAT BASIN AND CALIFORNIA****Room:** Southwest Exhibit Hall (CC)**Time:** 2:30 PM–4:30 PM**Participants:**

- 248-a Jesse Adams and Jacob Adams—Middle Archaic Lithic Technological Organization in the Little Boulder Basin.
- 248-b Mike Cannon and Jack Broughton—Exploring the Rise and Fall of Fremont Agriculture with a Comprehensive Archaeological Database
- 248-c Samantha Glover—Energetic Efficiency and Cooked Foods: Seed Consumption and Pottery Use in the Owens Valley
- 248-d Anthony Taylor and Jarod Hutson—Paleodietary Analysis of Coprolites from Last Supper Cave, Nevada
- 248-e Sean Milanovich—Cahuilla Trail and Place Names

**[249] POSTER SESSION ■ SETTLEMENT AND MOBILITY IN FOCUS: THE ARCHAEOLOGY OF HUMMINGBIRD PUEBLO, NM.****Room:** Southwest Exhibit Hall (CC)**Time:** 2:30 PM–4:30 PM**Organizer:** Evangelia Tsesmeli**Chair:** Michael Adler**Participants:**

- 249-a Jason Theuer—Glaze-Paint Recipes and Communities of Practice at Hummingbird Pueblo, LA578
- 249-b Christopher Crews—Practicing Lithic Manufacture: Lithic Analysis at Hummingbird Pueblo
- 249-c Michael Adler—Ancestral Pueblo Settlement Landscapes Along the Lower Rio Puerco, New Mexico, A.D. 1250-1450
- 249-d Evangelia Tsesmeli—Debating Architectural Life Histories at Hummingbird Pueblo, New Mexico
- 249-e Susan Bruning—Cultural Affiliation Among Western Pueblo Peoples: Multi-Faceted Relationships and Perspectives
- 249-f Ron Wetherington and Catrina Whitley—Mortuary Practices at Hummingbird

**[250] POSTER SESSION ■ TEACHING ARCHAEOLOGY & PUBLIC OUTREACH****Room:** Southwest Exhibit Hall (CC)**Time:** 2:30 PM–4:30 PM**Participants:**

- 250-a Jamie Gray, Brenda Bowser, Holly Eeg and Richard George—Archaeology Day at the Arboretum
- 250-b Katherine Harrington, Emanuela Bocancea, Claudia Moser and Jessica Unger—"Think like an Archaeologist": Teaching Critical Thinking Skills through Archaeological Concepts in the Providence Public School System
- 250-c James VanderVeen and Joshua Wells—Why Lecture Halls Should Be TEAL: The Use of Technology for Active Learning in Introductory Human Evolution

- and Archaeology
- 250-d Jason Wenzel and Kevin Gidusko—Central Florida Anthropological Society: Raising Archaeological Awareness Through Community Partnerships
- 250-e Robert O'Boyle, Alvin Windy Boy Sr, Duncan Standing Rock Sr and Videll Stump Sr—Cultural Heritage on the Rocky Boy's Indian Reservation in North Central Montana
- 250-f Sharyn Jones, Mallory Messersmith, Anna McCown, Courtney Andrews and Ashley Wilson—Digesting the past thought the present: results from an ethnoarchaeological fieldschool in Fiji
- 250-g Karl La Favre—Publication of Large Archaeological Datasets On the Internet Using PHP and MySQL
- 250-h Britt McNamara—Another Door into Southeastern Idaho's Paleoindian Past: Learning from a Citizen Collector
- 250-i Lisa Nagaoka—The Pleistocene Extinction Debate: Archaeologists' Perspective
- 250-j
- 250-k Pamela Edwards Lieb and Michael Williams—Mississippi Archaeology Trails Website

**[251] SYMPOSIUM ■ “No (Hu)MAN IS AN ISLAND”: RELATIONAL ONTOLOGIES IN THE ARCHAEOLOGICAL PAST**

**Room:** L-10 (CC)

**Time:** 2:30 PM–4:45 PM

**Organizer:** Christopher Watts

**Chair:** Christopher Watts

**Participants:**

- 2:30 Christopher Watts—Introductory Comments
- 2:45 María Zedeño—Methodological And Analytical Challenges In The Practice Of Relational Archaeology
- 3:00 Dušan Boric—Göbekli Tepe imagery and the classificatory system of the PPN world in Upper Mesopotamia
- 3:15 Wendi Murray and Barbara Mills—Identity Communities and Material Practices: Relational Logics in the U.S. Southwest
- 3:30 Andrew Shapland—Shifting horizons and emerging ontologies in Bronze Age Crete
- 3:45 Oliver Harris—Relational Communities in Prehistoric Britain
- 4:00 Daniela Hofmann—Intimate connection: bodies and substances in flux in the early Neolithic of central Europe
- 4:15 Robert Losey and Vladimir Bazaliiskii—The Bear-able Likeness of Being: Ursine Remains at the Shamanka II Cemetery, Lake Baikal, Siberia
- 4:30 Ian McNiven—Between the living and the dead: ritual relationships between hunters and dugongs of Torres Strait

**[252] SYMPOSIUM ■ THE CARDEN BOTTOMS PROJECT: INDIANS AND ARCHEOLOGISTS STUDYING THE PROTOHISTORIC PAST**

**Room:** L-4 (CC)

**Time:** 3:00 PM–4:30 PM

**Organizer:** George Sabo III

**Chair:** George Sabo III

**Participants:**

- 3:00 Tom Green and John Riggs—The Carden Bottoms Project

- 3:15 Jamie Lockhart—Remote Sensing and GIS in the Central Arkansas River Valley Project
- 3:30 Jerry Hilliard—Carden Bottoms Phase Houses
- 3:45 Leslie Walker—Art, Agency and Cultural Transformation at the Dawn of Protohistoric Arkansas
- 4:00 Ann Early—Caddo Pottery in Carden Bottoms Assemblages: Forging Social Relations Through the Display of Mutually Understood Design and Symbolism
- 4:15 Jean Ann Lambert and Ardina Moore—Exhibiting Indian History at the Quapaw Tribal Museum

**[253] FORUM ■ ARCHAEOLOGY AT A DISTANCE: REWARDS & CHALLENGES OF ON-LINE ARCHAEOLOGY COURSES**

*(Sponsored by Task Force on Professional Development Initiatives)*

**Room:** Chickasaw (CC)

**Time:** 3:00 PM–5:00 PM

**Organizers:** Nan Gonlin and Christine Dixon

**Chair:** Christine Dixon

**Participants:**

Dean Snow—Discussant  
 Anne Pyburn—Discussant  
 Carl Wendt—Discussant  
 J. Heath Anderson—Discussant  
 Molly Morgan—Discussant  
 Sarah Sterling—Discussant  
 Shereen Lerner—Discussant

**[254] GENERAL SESSION ■ PAPERS ON THE AFRICAN LATE STONE AGE**

**Room:** 205 (CC)

**Time:** 4:00 PM–5:00 PM

**Chair:** David Wright

**Participants:**

- 4:00 Steven Goldstein—Integrating Lithic Economy and Pastoral Strategy in the Neolithic of South-western Kenya
- 4:15 David Wright, Steven L. Forman, James M. Pierson and Jeaneth Gomez-Mazzocco—Changes in Holocene Lake Levels and Human Settlement Patterns in Southeast Turkana, Kenya
- 4:30 Stanley Ambrose, Jeffrey Ferguson, Michael Glascock and Philip Slater—Chemical fingerprinting of Kenyan obsidian sources and Late Quaternary artifacts with NAA and XRF
- 4:45 Philip Slater, Stanley H. Ambrose, Ian Steele, Jeffrey Ferguson and Michael Glascock—Chemical fingerprinting of Kenyan obsidian sources and Late Quaternary artifacts with Electron Microprobe



**Sunday Morning ■ April 22, 2012**

**[255] GENERAL SESSION ■ ROCK ART RESEARCH**

**Room:** 205 (CC)

**Time:** 8:00 AM–9:30 AM

**Chair:** Karen Steelman

**Participants:**

- 8:00 Lennon Bates, Carolyn E. Boyd and Karen L. Steelman—How old is the Pecos River Style? Radiocarbon dating a pictograph from Black Cave
- 8:15 Benjamin Bellorado—Leave Only Footprints: The Dating and Context of Pueblo III Sandal Imagery in the Comb Ridge and Cedar Mesa Areas
- 8:30 Karen Steelman, Josephine McDonald and Peter Veth—Radiocarbon Dating Rock Art in the Western Desert of Australia
- 8:45 Marsha Sims—Paleoindian Issues: Investigating Snake Hunting and Dancing, Kachinas, and Long-Nosed Effigies
- 9:00 Joshua Foster—Mimbres Mortar Holes: Postholes, Food Processing, or Building Material?
- 9:15 David Sosa—Graffiti and Urban Subcultures: An Archaeological Perspective

**[256] GENERAL SESSION ■ EAST AND SOUTHEAST ASIAN ARCHAEOLOGY**

**Room:** 203 (CC)

**Time:** 8:00 AM–9:30 AM

**Chair:** Lisa Niziolek

**Participants:**

- 8:00 Emma Yasui—Reconsidering Lithic Technology in the Early Jomon Period: A Preliminary Examination of the Lithic Assemblage from the Yagi Site, Hokkaido, Japan
- 8:15 Kuang-ti Li, Yu-ten Ju and Kuan-yi Li—Testing prehistoric Hengchun inhabitants raised wild boar via morphometric and isotopic signature
- 8:30 Mark Mehrer—Household Archaeology in Neolithic and Bronze Age China
- 8:45 Heather Christie—Artifact Distribution: A New Approach to Understanding the Early History of Southeast Asia
- 9:00 Lisa Niziolek—Ceramics under the Sea: Pre-Modern Maritime Trade in East and Southeast Asia
- 9:15 Kaoru Ueda, Sonny Wibisono and Zhengdong Guo—The Petrographic Analysis on Earthenwares Excavated at 17th to 18th-Century Banten Lama, Java, Indonesia: the Sultan's Power Negotiation amid European Colonialism

**[257] FORUM ■ USING THE DIGITAL ARCHAEOLOGICAL RECORD (TDAR) FOR MANAGEMENT, RESEARCH, AND EDUCATION**

**Room:** L-2 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** Joshua Watts

**Chair:** Keith Kintigh

**Participants:**

- Katherine Spielmann—Discussant
- Bryan Tucker—Discussant

Jon Czaplicki—Discussant  
 Dean Snow—Discussant  
 Christopher Fennel—Discussant  
 M Scott Thompson—Discussant  
 Joshua Watts—Discussant  
 Michael Nassaney—Discussant  
 Matthew Boulanger—Discussant  
 Kelsey Reese—Discussant  
 Pearce Paul Creasman—Discussant

**[258] ELECTRONIC SYMPOSIUM ■ WHAT ARCHAEOLOGY NEEDS FROM TECHNOLOGY:  
 ADAPTING TO AND OVERCOMING PROBLEMS WITH GIS AND REMOTE SENSING**

**Room:** L-5 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** Willem VanEssendelft

**Chairs:** Willem VanEssendelft and Lauren Santini

**Participants:**

Sarah Hlubik, Jason Lewis and David Braun—Remote Sensing in the Remote Past:  
 Data Collection Standards for Paleolithic Landscapes  
 Lauren Santini and Willem VanEssendelft—What Archaeology needs from  
 Technology: Adapting to and overcoming problems with GIS and Remote Sensing

**[259] SYMPOSIUM ■ ARCHAEOLOGY IN THE HEART OF THE AMERICAN ISTHMUS**

**Room:** L-14 (CC)

**Time:** 8:00 AM–10:15 AM

**Organizer:** Clifford Brown

**Chair:** Larry Steinbrenner

**Participants:**

8:00 Larry Steinbrenner—Warriors and Jaguars and Step-Frets, Oh My!: Making  
 Sense of Pataky Polychrome  
 8:15 Carrie Dennett and Geoffrey McCafferty—Social Change and Continuity in  
 the Bagaces to Sapoa Transition at El Rayo, Nicaragua  
 8:30 Suzanne Baker—Rock Art as an Untapped Data Source for Nicaraguan  
 Archaeology  
 8:45 Sacha Wilke—Constructing and re-constructing burials: An example from El,  
 Rayo Nicaragua.  
 9:00 Michele Williams, Ramiro Garcia Vasquez, Sandra Espinoza Vallejos and  
 Clifford Brown—The Archaeology of Chinandega, Nicaragua: An Initial  
 Report  
 9:15 Elisa Fernández-León—Exploring identity change in Nicoya through  
 symmetry analysis  
 9:30 Silvia Salgado—La Gran Nicoya: un concepto limitante para entender las  
 dinámicas sociales de la historia antigua de América Central.  
 9:45 Luis Sanchez—Re-interpretando el periodo Tempisque de la Gran Nicoya  
 (500 a.C. a 500 d.C.): La secuencia ocupacional del sitio Manzanillo (G-  
 430Mz), Bahía Culebra, Pacífico Norte de Costa Rica  
 10:00 Geoffrey McCafferty—Discussant

**[260] SYMPOSIUM ■ NETWORKING THE PAST: APPLICATIONS OF SOCIAL NETWORK ANALYSIS TO SOUTHWESTERN ARCHAEOLOGY**

**Room:** Ballroom D (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Barbara Mills and Jeffery Clark

**Chair:** Jeffery Clark

**Participants:**

- 8:00 Sarah Herr—1000 Years of Solitude: The Mogollon Rim as a Structural Hole
- 8:15 Matthew Pailes—Centrality and Household Economic and Political Success at a Thirteenth Century Hohokam Village
- 8:30 Brett Hill, Deborah Huntley and Hannah Jane Carmack—Spatializing Social Network Analysis in the Late Precolumbian Southwest
- 8:45 Jeffery Clark, M. Steven Shackley, J. Brett Hill and W. Randy Haas, Jr.—Long Distance Obsidian Circulation in the late Pre-Contact Southwest: Deviating from Distance-Decay
- 9:00 Lewis Borck, Jeffery J. Clark, Barbara J. Mills and Matthew A. Peeples—The Structural Setting of Migration: Network Organization and the Kayenta Area Depopulation of the Late 13th Century
- 9:15 Barbara Mills, Jeffery Clark, Wm.R. Haas, Matthew Peeples and Lewis Borck—The Topology of Persistence: Network Analysis and Southwest Settlement Stability, AD 1200-1500
- 9:30 Wm. Haas and Barbara Mills—Ceramics as Agents: Ware Affiliation Networks in the U.S. Southwest
- 9:45 Matt Peeples and Wm Randall Haas—Filling in the Gaps: Brokerage in Social Networks across the American Southwest

**[261] SYMPOSIUM ■ THE FOUR SIDES OF A UNIFACE: THE DESIGN AND USE OF SIMPLE HAFTED STONE TOOLS**

**Room:** L-10 (CC)

**Time:** 8:00 AM–10:15 AM

**Organizer:** Mark Seeman

**Chair:** Mark Seeman

**Participants:**

- 8:00 Mark Seeman, Aaron Comstock and Garry Summers—A morphometric analysis of end scrapers at Nobles Pond (33ST257), an early Paleoindian site in Stark County, Ohio.
- 8:15 Thomas Loebel and Mark Seeman—High Power Microwear and Paleoindian Endscraper Function: A Comparison of Two Spatial Contexts at the Nobles Pond site (33St357), Stark Co., Ohio.
- 8:30 C. Russell Stafford and Mark Cantin—Unifacial tool design, depletion, and recycling at the Early Archaic James Farnsley site in the central Ohio River Valley
- 8:45 Michael Shott and Brian Trail—How Much Are Scrapers at Nobles Pond? A Pilot Study in Measurement of Uniface Reduction
- 9:00 Metin Eren—An Examination of Clovis Unifacial Stone Tool Edge Diversity in the Lower Great Lakes region
- 9:15 Kathryn Arthur—Ethnoarchaeology Explores the Edge: The Influence of Age, Skill, and Gender on Scraper Use and Reuse
- 9:30 Jay Johnson—Thumbnail Scraper in the Midsouth
- 9:45 Radu Iovita—Aterian tanged tools: scrapers or projectile tips? A geometric

10:00 scaling perspective  
Andrew Bradbury—Discussant

**[262] SYMPOSIUM ■ IS EMPIRICISM THE OPPOSITE OF THEORY? ANDEAN ARCHAEOLOGY IN GLOBAL PERSPECTIVE**

**Room:** Sultana (CC)

**Time:** 8:00 AM–10:30 AM

**Organizers:** Darryl Wilkinson and Benjamin Alberti

**Chairs:** Benjamin Alberti and Darryl Wilkinson

**Participants:**

8:00 Terence D'Altroy—The Epistemology of Empire  
8:15 Zachary Chase—Andean pasts, comparative colonialisms, and the empiricism/theory “Möbius strip”  
8:30 Dianne Scullin—Exploring an Empirical Phenomenology: Acoustic Mapping of Archaeological Sites on the North Coast of Peru  
8:45 Edward Swenson—Theorizing the Particular: Engaging Andean Archaeology with Theories of Place and Landscape  
9:00 Steven Kosiba—Cultivating the Sacred State: Political Ecology, Environmental Management and the Production of Social Difference in the Early Inka Polity  
9:15 Gary Urton—An Andean Genealogy of State Power: Wari and Inka Local Governance  
9:30 Darryl Wilkinson—The Problem with Sacred Landscapes  
9:45 Benjamin Alberti—What are bodies in first millennium AD northwest Argentina? Theoretical bodies and empirical frameworks  
10:00 Amber Kling—Alternate Perspectives: Using Andean Research to Enhance Theoretical Paradigms  
10:15 Bill Sillar—Discussant

**[263] SYMPOSIUM ■ NORTH ATLANTIC ISLAND ECODYNAMICS: A GLOBAL HUMAN ECODYNAMICS ALLIANCE PROGRAM**

**Room:** River Bluff (CC)

**Time:** 8:00 AM–10:30 AM

**Organizer:** Ramona Harrison

**Chair:** Ramona Harrison

**Participants:**

8:00 T. Douglas Price—Vikings, Colonization and Isotopes  
8:15 Aaron Kendall—Viking Age and early medieval trade in the North Atlantic: a comparative study of common artifacts from settlement sites in Iceland and Greenland  
8:30 Stephen J. Dockrill and Julie Bond—The Prehistoric Village Old Scatness,: A Research Study in Longevity  
8:45 Ruth A. Maher—One if by land, two if by sea: the symbology of horse and boat inclusions in the pre-Christian burials of Iceland.  
9:00 James Woollett, Céline Dupont-Hébert, Uggi Aevarsson and Gudrun Alda Gísladóttir—Marine resources as part of an Icelandic farm's economy: seal hunting practices at Svalbard, northeast Iceland.  
9:15 Megan Hicks—The Late Middle Ages at the District Center farm of Skútustaðir, N. Iceland  
9:30 Ramona Harrison—Gasir Archaeology – An Icelandic Trading Site and its

- Connections to a Medieval World System
- 9:45 Frank Feeley—Medieval Fishing at Gufuskálar, Snæfellsnes, Iceland.
- 10:00 Konrad Smiarowski—Economy and Diet at E172 - Tatsip Ataa.  
Zooarchaeology of Vatnahverfi region in Norse Eastern Settlement,  
Greenland.
- 10:15 Thomas H. McGovern, Ramona Harrison, Konrad Smiarowski and Orri  
Vesteinsson—Sorting Sheep & Goats in Medieval Iceland and Greenland:  
Local Subsistence or World System?

**[264] SYMPOSIUM ■ ARCHAEOLOGY IN THE NILE DELTA: PAST, PRESENT, AND FUTURE  
AT TELL TIMAI**

**Room:** L-6 (CC)

**Time:** 8:00 AM–10:45 AM

**Organizer:** Jay Silverstein

**Chair:** Jay Silverstein

**Participants:**

- 8:00 Robert Littman—Tell Timai Egypt 2011 Season
- 8:15 Josh Trampier and Jay Silverstein—Lemons or Lemonade: Salvage  
Archaeology of Tell Timai, Egypt
- 8:30 Veronica Morriss—Reconstructing the maritime cultural landscape of Thmuis  
(Tell el-Timai)
- 8:45 Sarah Chandlee—Urban Development in Ancient Egypt: A Study of the  
Greco-Roman Site of Tell Timai
- 9:00 Sarah Chapman, Sarah Chandlee and Lori Lawson—Digital Preservation  
Project at Tell Timai, Egypt
- 9:15 Nicholas Hudson—Imported clay at Tell Timai: a unique find of trade,  
process, and production from 4th century Egypt
- 9:30 Jessica Leger and Jay Silverstein—War and Rebellion in Ptolemaic Egypt:  
Evidence of Violent Destruction at Tell Timai
- 9:45 Colleen Westmor, Sean Winter, Courtney Bobik and Susanna Wesson—A  
Seventh Century CE Industrial Oven Complex at Thmuis, Egypt
- 10:00 Jennifer Haney, James Bennett and Robert J. Littman—Recent Excavations  
near the Ancient Center of Thmuis: A Late Roman Period Room Deposit.
- 10:15 lori lawson—Objects at Tell Timai: Methodology and Outcomes
- 10:30 Jay Silverstein, Robert Littman and Joshua Trampier—Strategic Archaeology  
at the Mendesian Nome

**[265] SYMPOSIUM ■ EVERYWHERE AND NOWHERE: TAKING THE PULSE OF MARXIST  
ARCHAEOLOGY**

**Room:** L-11 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Jeremy Cunningham and Robert Chapman

**Chair:** Jeremy Cunningham

**Participants:**

- 8:00 Robert Chapman—Everywhere and nowhere: the normalization of Marxism  
in British archaeology
- 8:15 Reinhard Bernbeck—What is post-operaist archaeology?
- 8:30 LouAnn Wurst, Maria O'Donovan and Randall H. McGuire—Theoretical  
Dyspepsia: the Role of Marxism in Contemporary Archaeology

- 8:45 Vincente Lull—Marx and Archaeological Categories  
 9:00 Jerimy Cunningham—Marxism as Theory Pluralism  
 9:15 Maria O'Donovan, LouAnn Wurst and Randall H. McGuire—What's in the Middle of a Marxist Archaeology? Marxism, Method, and Middle Range Theory  
 9:30 Tom Patterson—Marxism, Analytical Concepts, and Archaeological Data  
 9:45 Henry Tantaleán—Calco, Cópia o Creación Heroica?: Peruvian marxist archaeology at the beginnings of 21th century  
 10:00 George Nicholas—Marx, Indigenous Peoples, and the Postcolonial Challenge  
 10:15 Philip Kohl—Discussant  
 10:30 Antonio Gilman and Juan Vicent—When was there primitive communism?

**[266] SYMPOSIUM ■ PUSHING THE COGNITIVE AND ICONOGRAPHIC ENVELOPE OF THE MISSISSIPPIAN PERIOD EASTERN WOODLANDS**

**Room:** Cotton Row (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer:** Frank Reilly

**Chair:** Kevin Smith

**Participants:**

- 8:00 David Dye—Mississippian Warfare and Soul Capture  
 8:15 Patricia Christmas—Headpots: Cultural Invention and Continuity  
 8:30 James Brown—The Architecture of Cosmic Access at the Spiro Great Mortuary  
 8:45 George Sabo—Time and the Cosmos in Spiroan Art  
 9:00 Frank Reilly—Cognitive Approaches To the Analysis of Mississippian Shell Gorgets  
 9:15 Jeremy Davis—Hearing Meaning: Towards an Audible Iconography  
 9:30 Alex Barker—The Curious Case of the Gorget That Wasn't There  
 9:45 Robert Sharp—Mythic Figures or Shamanic Practitioners: What New Additions to the Flint-Clay Corpus Suggest  
 10:00 James R. Duncan and Carol Diaz-Granados—Circling with the Stars: Dhegihan Dance Rituals and the Cosmic Order  
 10:15 Julie Holt—Was Cahokia the Center of a Theatre State?  
 10:30 Emily Beahm and Kevin Smith—Hero Twins and The Old Woman Who Never Dies: Mythic Themes in Middle Cumberland Iconography  
 10:45 Vin Steponaitis—Discussant

**[267] SYMPOSIUM ■ THE MATERIALITY OF EVERYDAY LIFE**

**Room:** L-4 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Lisa Overholtzer and Cynthia Robin

**Chair:** Lisa Overholtzer

**Participants:**

- 8:00 Lisa Overholtzer—Dwelling on the Past: The Materiality of Everyday Life at Xaltocan, Mexico  
 8:15 Anna Boozer—Tracing Daily Life in Roman Egypt  
 8:30 Meredith Chesson—Learning a “Feel” for Being: Storing Sensibilities, Everyday Life, and Sensuous Human Practice

- 8:45 D. Ryan Gray—A Manger in a Sea of Mud: Subjectivity and Space in Everyday Life at the Temple of the Innocent Blood, New Orleans, Louisiana
- 9:00 Mark Hauser—Slavery's Material Record: Comparing settlement patterns, architecture and discarded possessions in plantation archaeology
- 9:15 Julia Hendon—Producing Goods, Shaping People: The Materiality of Crafting in Mesoamerica
- 9:30 Scott Hutson, Gavin Davies, Willem Vanessendelft and Camille Westmont—Megalithic Materialities in the Northern Maya Lowlands
- 9:45 Matthew Johnson—Everyday Living In English Houses
- 10:00 James Meierhoff and Cynthia Robin—Everyday Lives of Maya Farmers at Chan, Belize
- 10:15 John Robb—What do things want? Object design as a middle range theory of material culture
- 10:30 Ann Stahl—Metal working, ritualization and the rhythms of village life in Banda, Ghana
- 10:45 Julie Wesp—Bioarchaeological Perspectives on the Materiality of Everyday Life Activities
- 11:00 Elizabeth Brumfiel—Discussant
- 11:15 Rosemary Joyce—Discussant

**[268] SYMPOSIUM ■ RECENT ADVANCES IN PALEOINDIAN RESEARCH OF THE NORTHEAST AND MARITIMES**

**Room:** Ballroom B (CC)

**Time:** 8:00 AM–11:45 AM

**Organizer:** Richard Boisvert

**Chair:** Richard Boisvert

**Participants:**

- 8:00 Richard Boisvert—Jefferson VI - A newly defined component of the Israel River Complex
- 8:15 Bruce Rusch—Rush to Judgment: Preliminary modeling to infer behavioral settlement patterns at the Jefferson VI site of the Israel River complex.
- 8:30 Heather Rockwell—The Feasibility of Microwear Analyses of Debitage: A Case Study from New Hampshire's Great North Woods
- 8:45 Robert Goodby—The Tenant Swamp Site (27CH187), Keene, New Hampshire
- 9:00 Alan Leveillee—The Waters Around You Have Grown: What's New About What's Old in the Narragansett Bay Drainage
- 9:15 Jennifer Ort and Brian Robinson—Paleoindian Aggregation Patterns in Northeastern North America: Analysis of the Bull Brook Site, Ipswich Massachusetts
- 9:30 Brian Jones—A New Collection from the DEDIC Site, Deerfield Massachusetts
- 9:45 Robert Bartone, Ellen Cowie, Michael Brigham and Arthur Spiess—Four Newly Identified Paleoindian Sites: New Insights into the Early Paleoindian Period of Central Maine
- 10:00 Ellen Cowie, Robert Bartone, Gemma Hudgell and Michael Brigham—The Grand Lake Outlet Site: An Early Paleoindian Encampment on the St. Croix River, Maine/New Brunswick Border
- 10:15 Darcy Dignam, Susan Blair and Christopher Blair—The Preliminary Assessment of Site BgDq-38, New Brunswick's First Intact Palaeoindian Site

- 10:30 John Crock and Francis Robinson, IV—Maritime Mountaineers: Paleoindian Settlement Patterns on the West Coast of New England
- 10:45 Francis Robinson—Paleoindians and the Inland Sea: An Exploration of the Champlain Sea and Paleoindian Land Use in the Eastern Champlain Basin
- 11:00 Jon Lothrop and Graydon Ballard—The Green-Pauler Site: Two Probable Paleoindian Caches in the Upper Susquehanna Valley
- 11:15 Michael Stewart, Jeremy Koch, Kurt Carr, Del Beck and Gary Stinchcomb—The Paleoindian Occupation at Nesquehoning Creek (36CR142) Carbon County, Pennsylvania
- 11:30 David Anderson—Discussant

**[269] SYMPOSIUM ■ COSMOLOGY, CALENDARS, AND HORIZON-BASED ASTRONOMY IN ANCIENT MESOAMERICA: PAPERS IN HONOR OF ANTHONY F. AVENI**

*(Sponsored by ArchæoLOGIC USA, LLC)*

**Room:** Ballroom E (CC)

**Time:** 8:00 AM–12:00 PM

**Organizer:** Anne Dowd

**Chair:** Susan Milbrath

**Participants:**

- 8:00 Ivan Sprajc—Pyramids marking time: Tony Aveni's contribution to the study of astronomical alignments in Mesoamerican architecture
- 8:15 Stanislaw Iwaniszewski—The Ciudadela scheme of an observational calendar at Teotihuacan
- 8:30 David Friedel—Pecked Circles and Diving Boards, Calculating Instruments in Ancient Mesoamerica
- 8:45 Prudence M. Rice—The "Las Bocas 'Mirror'" and Mesoamerican Calendars: "Calculator" or Hoax?
- 9:00 Ronald Fauseit—Mountain of Sustenance: Site Organization at Dainzú-Macuixóchtli and Mesoamerican Concepts of Space and Time
- 9:15 Alonso Mendez—The Astronomy of Creation.
- 9:30 Anne S. Dowd—Maya Architectural Hierophanies
- 9:45 Susan Milbrath—A Seasonal Calendar in the Codex Borgia
- 10:00 John Justeson—Modelling indigenous Mesoamerican eclipse theory
- 10:15 Victoria R Bricker and Harvey M. Bricker—Some Alternative Eclipse Periodicities In Maya Codices
- 10:30 Flora S. Clancy—The Moon in Ancient Maya Thought
- 10:45 Clemency Coggins—Celestial Pole
- 11:00 Gabrielle Vail—Eclipse Cycles and World Destruction: A Perspective from Postclassic and Colonial Maya Manuscripts
- 11:15 John B. Carlson—The 2012 Phenomenon – What the Ancient Maya Calendar-Keepers might have Anticipated: An Astronomer–Mesoamericanist's Perspective
- 11:30 David S. Stuart—Discussant
- 11:45 Anthony F. Aveni—Discussant



**[270] SYMPOSIUM ■ PETROGRAPHY'S CONTINUED ROLE IN CERAMIC STUDIES: NEW ADVANCES AND DEBATES**

*(Sponsored by The Society for Archaeological Sciences)*

**Room:** Mississippi (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers:** Mary Ownby and Sophia Kelly

**Chair:** Mary Ownby

**Participants:**

- 8:00 Anabel Ford and Linda Howie—First Things First: Petrography's Essential Role in Understanding Ceramic Production
- 8:15 Suzanne Eckert and Kari Schleher—Integrating Petrographic and Chemical Compositional Analyses: Santa Fe Black-on-white Ceramic Production and Distribution in the Española Basin
- 8:30 Mary Ownby—The Importance of Petrography for Interpreting Compositional Data: a case study of Tanque Verde Red-on-brown
- 8:45 Zachary Gilmore—Ceramic Petrography and the Question of Late Archaic Shell Ring Function
- 9:00 Sophia Kelly—A Refined Methodology to Source Schist-Tempered Hohokam Pottery
- 9:15 David Abbott and Christopher Watkins—The Advantages of Dual Petrographic and Electron Microprobe Analyses in Ceramic Provenance Studies
- 9:30 Ian Whitbread and Elisa Alonso Lopez—Combining Ceramic Petrography and  $\mu$ -XRF in the Analysis of Archaeological Ceramic Materials
- 9:45 Clare Burke, Peter Day, Anno Hein, John Cherry and Daniel Pullen—The Early Helladic Ceramics of Korinthia: An Integrated Approach
- 10:00 Isabelle Druc and Inokuchi Kinya—Looking for the right outcrop: ceramic petrography in the Peruvian Andes
- 10:15 Kostalena Michelaki—Exploring Neolithic Taskscapes in Bova Marina, SW Calabria, Italy
- 10:30 David Hill—Why are Those Things There Anyway? A Technological Choice Approach To Understanding Inclusions In Ceramics
- 10:45 Maria Masucci and Michelle Bettex—Ceramic Technology Through Time: Ceramic Petrography applied to a comparison of Early Neolithic to Bronze Age ceramics, Rio Maior, Portuguese Estremadura
- 11:00 Chandra Reedy and Yimeng Liu—Calibration of Image Analysis Protocols for Quantitative Ceramic Petrography
- 11:15 Patrick Livingood and Ann Cordell—Digital Image Analysis of Shell Temper from the Moon Site, Arkansas
- 11:30 James Heidke—Petrography in the Age of Instrumental Characterization: An Example from Honey Bee Village, Pima County, Arizona
- 11:45 William Gilstrap, Clare T. Burke-Davies, Peter M. Day, Heather Graybehl and Roberta Montesana—The Developing role of Thin Section Petrography in Aegean Archaeological Ceramic Analysis.

**[271] SYMPOSIUM ■ KOSTER AT THE CROSSROADS: ARCHAIC PERIOD LIFEWAYS AS  
DEPICTED BY NEW APPROACHES TO OLD COLLECTIONS****Room:** Ballroom C (CC)**Time:** 9:00 AM–12:00 PM**Organizers:** Timothy Messner and Jane Buikstra**Chairs:** Jane Buikstra and Timothy Messner**Participants:**

- 9:00 Michael Wiant and Jane Buikstra—Return to the Fountain: Drawing on the Koster Site Record Again
- 9:15 Gregory Vogel and Lucas Leady—3D Point Clouds and Spatial Analysis of Artifact Locations From Koster Horizon 11
- 9:30 David Asch and Nancy Asch Sidell—Radiocarbon dating Early Archaic occupation of the Koster site, Illinois: Horizons 11/12
- 9:45 Christine Halling and Jason King—Diet and Dental Health in Archaic Period Illinois: A View from the Koster Site
- 10:00 Andrea Boon and Sarah W Neusius—New Approaches to Interpreting Koster Faunal Assemblages
- 10:15 Melody Pope and Anson Kritsch—Situating Chipped Stone Tool Use at the Koster Site: A Beginning
- 10:30 April Sievert—The Daily Grind at Early Archaic Koster
- 10:45 Timothy Messner—Exploring the emergence of grinding stone technology and its relationship to plants and pigment
- 11:00 Steve Bozarth—Biosilicate Analysis of H11 at the Koster Site, Illinois
- 11:15 Nancy Asch Sidell and David L. Asch—Early Archaic Archeobotany of the Koster Site, Illinois: The Horizon 11/12 Occupation
- 11:30 Bruce Smith—Discussant
- 11:45 Ken Sassaman—Discussant

**[272] SYMPOSIUM ■ SOCIONATURAL SYSTEMS IN THE NORTHERN U.S. SOUTHWEST: A  
VILLAGE ECODYNAMICS PROJECT II PROGRESS REPORT****Room:** L-7 (CC) (entrance through L-9)**Time:** 9:30 AM–12:00 PM**Organizers:** Stefani Crabtree and Scott Ortman**Chairs:** Scott Ortman and Stefani Crabtree**Participants:**

- 9:30 Mark Varien, Scott G. Ortman, Donna M. Glowacki and Dylan Schwindt—Ancestral Puebloan Settlement in Southwestern Colorado, AD 600-1280
- 9:45 Stefani Crabtree—Why can't we be friends? Exchange, alliances and aggregation
- 10:00 R. Kyle Bocinsky and Tim Kohler—Suboptimal Foraging Theory (It's the Best)
- 10:15 Karen Schollmeyer and Jonathan C. Driver—Hunting, Sustainability, and the Scale of Zooarchaeological Analysis in the Mesa Verde Region

- 10:30 Jesse Clark—Paleoproductivity in the southern VEPII region
- 10:45 Devin White—Exploration of possible migration corridors between the Mesa Verde and Northern Rio Grande regions
- 11:00 Grant Coffey and Scott Ortman—The Built Environment and Economic Exchange in the Northern Rio Grande Study Area
- 11:15 Fumi Arakawa, Nathan Goodale and Douglas Harro—The Village Ecodynamics Project II Lithic Research
- 11:30 Tim Kohler—Discussant
- 11:45 Chris Fisher—Discussant

**[273] SYMPOSIUM ■ ARID ZONE INTENSIFICATION**

**Room:** L-3 (CC)

**Time:** 9:45 AM–12:00 PM

**Organizers:** David Zeanah and Brian Coddling and Douglas Bird

**Chairs:** Brian Coddling and Douglas Bird

**Participants:**

- 9:45 Loukas Barton—Plague or promotion? Pastoralism comes to arid East Asia.
- 10:00 Mark Basgall, Peter Veth and David Zeanah—Understanding Economic Intensification in Arid North America and Australia
- 10:15 Brian Coddling, Douglas Bird, Rebecca Bliege Bird and Peter Veth—Quaternary Kangaroo Hunting in Arid Western Australia
- 10:30 Jacob Fisher—Challenges in Identifying Communal Hunting of Jackrabbits using Archaeofauna Data: A Case Study from Antelope Cave, Arizona.
- 10:45 Lucaina Stoessel, Gustavo Flensburg, Gustavo Martínez, Alcaráz Ana Paula and Santos Florencia—Archaeofaunas, oral health, and human stable isotopes: exploring intensification in hunter-gatherers subsistence during the Late Holocene in arid North-eastern Patagonia (Argentina).
- 11:00 Andrew Ugan, Adolfo Gil and Neme Gustavo—Two New World Deserts: Parallels and Possible Lessons from a Study of Intensification in Central-Western Argentina and Western North America
- 11:15 Adolfo Gil, Gustavo A. Neme, Carina Llano, Miguel Giardina and Andrew Ugan—Human Intensification and desert variability in Central Western Argentina: Archaeological Trends
- 11:30 David Zeanah, Brian Coddling, Douglas Bird, Rebecca Bliege Bird and Peter Veth—Diesel and Damper: Disintensification among the Martu of Western Australia
- 11:45 Robert Bettinger—Discussant

**[274] SYMPOSIUM ■ GEOARCHAEOLOGY OF RITUAL BEHAVIOR AND SACRED PLACES**

*(Sponsored by Society for Archaeological Sciences)*

**Room:** Chickasaw (CC)

**Time:** 10:00 AM–12:00 PM

**Organizers:** Christopher Roos and E. Christian Wells

**Chair:** Christopher Roos

**Participants:**

- 10:00 Nicholas Wolff—Depositional practice and “ritual” behavior at home: some

- examples from Bronze Age southern Italy
- 10:15 Tristram Kidder and Sarah Sherwood—Geoarchaeological Perspective on Mound Building and Earthwork Construction in the Life History of Sacred Landscapes: Examples from the Mississippi River Basin, USA
- 10:30 Susan Mentzer, Mary Voyatzis and David Gilman Romano—Repeated sacrificial burning events and the development of an anthrosol on Mt. Lykaion, Greece
- 10:45 E. Christian Wells—Anthrosol Analysis of Ballcourt Surfaces in Ancient Southeastern Mesoamerica
- 11:00 Christopher Roos and Scott Van Keuren—Singularized abandonment and closure of a plaza kiva at Fourmile Ruin, Arizona
- 11:15 Francesco Berna—Sacred places or animal enclosures? Microstratigraphic analysis of dung floors.
- 11:30 Paul Goldberg, Dennis Sandgathe, Harold Dibble and Shannon McPherron—Geoarchaeological Perspectives on the Purported Roc de Marsal Neandertal Child Burial
- 11:45 E Adams—Discussant

**[275] SYMPOSIUM ■ WHAT'S UP, CHAK? NEW RESEARCH AT CHICHEN ITZA, YUCATAN, MEXICO**

**Room:** L-12 (CC)

**Time:** 10:00 AM–12:00 PM

**Organizers:** Annabeth Headrick and Cynthia Kristan-Graham

**Chair:** Cynthia Kristan-Graham

**Participants:**

- 10:00 Jeff Kowalski—Site-Unit Intrusion or World Systems Interaction?: Comparing Shared Iconographic Complexes at Chichen Itza and Tula and among Mississippian Period Regional Capitals
- 10:15 Laura Amrhein—Processional Narrative and Ritual at Chichén Itzá: An Analysis of Six Bench-Altars
- 10:30 Cynthia Kristan-Graham—Building Inspections at Chichen Itza: the Mercado and Other Gallery-Patio Structures
- 10:45 Virginia Miller—The Castillo-sub at Chichén Itzá
- 11:00 Annabeth Headrick—Holding Up the System: Chichen's Atlantean Figures
- 11:15 Victoria Lyall—Contextualizing the Mural Programs of Chichen Itza
- 11:30 Linnea Wren, Travis Nygard and Kaylee Spencer—To Face or to Flee from the Foe: Women in Warfare at Chichen Itza
- 11:45 Geoff Braswell—Discussant

**[276] GENERAL SESSION ■ CARIBBEAN ARCHAEOLOGY**

**Room:** L-5 (CC)

**Time:** 10:15 AM–12:00 PM

**Chair:** Stephan Lenik

**Participants:**

- 10:15 Jean-Michel Maillol and Richard Callaghan—Using Ground Penetrating

- 10:30 Radar on the island of St. Vincent, West Indies
- 10:30 Mark Donop and Meghann O'Brien—A Residue Analysis of Suazan Griddles from the Friendship Site on Tobago
- 10:45 Stephan Lenik—From Missionaries to Mitcham: Conflict, Space, and Resolution in Grand Bay, Dominica, 1691-2012
- 11:00 Zachary Beier—The Materialization of Military and Black Identity at the Cabrits Garrison, Dominica (1765-1854)
- 11:15 Jerry Howard—Culture Change and Identity Formation in Bocas del Toro, Panama
- 11:30 Derek Miller—The Jewish Burial Ground of Barbados
- 11:45 Charles Bello and Brooke Persons—Fort Frederik, A U.S. National Historic Landmark, St. Croix, US Virgin Islands: A Case Study in Effective Cultural Resource Management

**[277] GENERAL SESSION ■ ARCHAEOLOGY OF EASTERN SOUTH AMERICA**

**Room:** 203 (CC)

**Time:** 10:30 AM–11:45 AM

**Chair:** William Barse

**Participants:**

- 10:30 William Barse—The Orinoco in Prehistory
- 10:45 Ruth Dickau and José Iriarte—Archaeobotanical Evidence of Crop Diversity in Pre-Columbian Llanos de Mojos, Lowland Bolivia
- 11:00 Rafael Corteletti and Paulo DeBlasis—A study of the Jê presence in the plateau of Santa Catarina, Brazil
- 11:15 Fernanda Neubauer and Michael J. Schaefer—The spatial and technological organization of precolonial lithic production from the sand dunes of Pedra Rachada in Paracuru, Ceará, northeast Brazil
- 11:30 Rosicler Silva, Julio Cezar Rubin de Rubin, Maira Barberi, Rute de Lima Pontin and Tamiris Maia Gonçalves Pereira—Archaeological Stratigraphy in Morro do Frio Archaeological Site, Brazil

**[278] GENERAL SESSION ■ RESEARCH IN CALIFORNIA ARCHAEOLOGY**

**Room:** 205 (CC)

**Time:** 10:30 AM–11:45 AM

**Chair:** Darcy Wiewall

**Participants:**

- 10:30 Reid Farmer and Jenna Farrell—Late Pleistocene/Early Holocene Occupations at Ford Dry Lake, Riverside County, California
- 10:45 Paul Langenwalter—Early-Middle Holocene Central Village Cemeteries along the Southern California Coast in Orange County, California
- 11:00 Erin Smith—Mat Kulaaxuuy and the Land of the Holes: Burials, Landscape, and Historical Process
- 11:15 Darcy Wiewall and David D. Earle—A Mano, a Metate and a Hare or Two: The Moody Springs Survey Project

- 11:30 Matthew Des Lauriers—Visualizing the Ephemeral: Reconstructing the social and technological fabric of indigenous Coastal California fishing communities

**[279] GENERAL SESSION ■ TOOLKIT STRATEGIES AND LITHIC RESOURCES**

**Room:** L-10 (CC)

**Time:** 11:00 AM–11:45 AM

**Chair:** Charlotte Pevny

**Participants:**

- 11:00 Mark Collard, Briggs Buchanan, Jesse Morin and Andre Costopoulos—Risk and hunter-gatherer toolkit structure in northern North America
- 11:15 Charlotte Pevny and Brian Ostahowski—Technological Strategies Used to Mediate Raw Material Constraints: Investigations at a Quarry in the North Florida Panhandle
- 11:30 Philip Fisher and Scott Carpenter—X-Ray Fluorescence and Hydration Rim Measurements from an Obsidian Cache in Park County, Montana

**[280] SYMPOSIUM ■ BATTLEFIELD AND CAMPSITE ARCHAEOLOGY**

**Room:** L-14 (CC)

**Time:** 11:00 AM–12:00 PM

**Organizer:** Laurie Weinstein

**Chair:** Laurie Weinstein

**Participants:**

- 11:00 Dave Orr—Fifty Years of Archaeology at Valley Forge : The Interpretation of Washington's Continental Army
- 11:15 Bethany Morrison and Cosimo Sgarlata—Military Precision, or Every Man for Himself? Life among the Troops of the Continental Army at Redding's Middle Encampment, CT.
- 11:30 Cosimo Sgarlata and Bethany Morrison—All methods, Great or Small: Analytical Techniques Used in the Study of a Revolutionary War Winter Encampment.
- 11:45 Laurie Weinstein and Diane Hassan—The Revolutionary War Indian Soldiers of Redding, Connecticut

### SAA Awards, Scholarships, & Fellowships

*Awards are presented in alphabetical sequence*

#### 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

#### 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  
Carmel Schrire
- 1998 Tom D. Dillehay  
Stephen Plog
- 1999 Mark Lehner  
Jon Muller
- 2000 Clive Gamble
- 2001 William W. Fitzhugh  
Elisabeth I. Ward
- 2002 Lewis Binford  
Anne-Marie Cantwell &  
Diana DiZerega Wall
- 2003 Kathleen Deagan & José María  
Cruxent  
Thomas F. King, Randall S.  
Jacobson, Karen Ramey Burns, &  
Kenton Spading
- 2004 Brian Fagan

- T.J. (Tony) Wilkinson
- 2005 Susan Toby Evans  
Kelley Hays-Gilpin
- 2006 Peter Bellwood  
James E. Bruseeth & Toni S. Turner
- 2007 Kristian Kristiansen & Thomas B.  
Larsson  
Bradley T. Lepper
- 2008 Tom Dillehay  
James W. Bradley
- 2009 Lothar Von Falkenhausen  
Jack Brink
- 2010 David W. Anthony  
Rebecca Yamin
- 2011 Vernon James Knight, Jr.  
Steven Simms

#### 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  
William A. Longacre
- 1995 Frederick Matson  
Prudence Rice
- 1996 Dean E. Arnold
- 1997 Ronald Bishop  
James Hill
- 1998 Robert L. Rands
- 1999 Warren R. DeBoer
- 2000 Owen Rye

#### CRABTREE AWARD

Established in 1985 to recognize significant contributions to archaeology in the Americas made by an individual who has had little if any formal training in archaeology and little if any wage or salary as an archaeologist. The award is named after Don Crabtree of Twin Falls, Idaho, who made significant

contributions to the study of lithic technology and whose dedication to archaeology was a lifelong personal and financial commitment.

- 1985 Clarence H. Webb, MD
- 1987 Leonard W. Blake
- 1988 Julian Dodge Hayden
- 1989 J. B. Sollberger
- 1990 Ben C. McCary
- 1991 James Pendergast
- 1992 Stuart W. Conner
- 1993 Mary Elizabeth Good
- 1994 Leland W. Patterson
- 1995 Jeff Carskadden
- 1996 James H. Word
- 1997 Sidney Merrick Wheeler  
(*posthumous*) & Georgia  
Nancy Wheeler Felts
- 1998 Recca 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

**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
- Calvin R. Cummings
- Shereen Lerner
- 1995 Charles R. McGimsey III
- 1996 William R. Hildebrandt
- 1997 James J. Miller
- 1998 David A. Frederickson
- 1999 David G. Anderson
- 2000 Robert Jackson
- 2002 Laurence W. Spanne
- 2003 John Milner Associates & The  
General Services  
Administration
- 2004 Linda Mayro
- 2005 Arizona Site Steward Program
- 2007 George Smith

- 2008 John Walthall
- 2009 Mike Beckes
- 2010 William H. Doelle
- 2011 Nelly Robles Garcia

**DISSERTATION AWARD**

Presented to an archaeologist just entering the profession whose doctoral dissertation is judged to be particularly outstanding. The prize consists of three-year membership in the society.

- 1988 Judith A. Habicht Mauche  
(Harvard Univ)
- 1990 David J. Bernstein (SUNY-  
Binghamton)
- 1991 David Anderson  
(Univ of Michigan)
- 1992 Lynette C. Norr  
(Univ of Illinois)
- 1993 Cathy Lebo (Indiana Univ)
- 1994 Mary Van Buren  
(Univ of Arizona)
- 1995 David R. Abbott  
(Arizona State Univ)
- 1996 Daniel R. Finamore  
(Boston Univ)
- 1997 Alvaro Higuera-Hare  
(Univ of Pittsburgh)
- 1998 Mark D. Varien  
(Arizona State Univ)
- 1999 Karen G. Harry  
(Univ of Arizona)
- 2000 Alex Barker  
(Univ of Michigan)
- 2001 Andrew I. L. Duff  
(Arizona State Univ)
- 2002 Silvia R. Kembel  
(Stanford Univ)
- 2003 Wesley Bernardini  
(Arizona State Univ.)
- 2004 Ian G. Robertson  
(Arizona State Univ)
- 2005 Severin M. Fowles  
(University of Michigan)
- 2006 Elisabeth Hildebrand  
(Washington University)
- 2007 Matthew Liebmann  
(University of Pennsylvania)
- 2008 Kevin D. Fisher  
(University of Toronto)
- 2009 Timothy C. Messner
- 2010 Sarah Clayton  
(Arizona State University)
- 2011 Scott G. Ortman  
(Arizona State University)



**DISTINGUISHED SERVICE AWARD**

*(Succeeded by the Lifetime Achievement Award in 2001)*

Presented annually to a member for specific accomplishments that are truly extraordinary, widely recognized as such, and of a positive and lasting quality. Recognition can be granted in a wide range of areas relating to archaeology. First awarded in 1975, SAA decided in 1980 to make the award on an annual basis.

1975	Carl Haley Chapman
	Charles Robert McGimsey III
1980	Gordon Randolph Willey
1981	Albert Clanton Spaulding
1982	Jesse David Jennings
1983	Hannah Marie Wormington
1984	James Bennett Griffin
1985	Emil Walter Haury
1986	Waldo R. Wedel
1987	William A. Ritchie
1988	Richard B. Woodbury
	Nathalie F. S. Woodbury
1989	George Irving Quimby
1990	Fred Wendorf
1991	Douglas Schwartz
1992	John E. Yellen
1993	George J. Gumerman
1994	Hester A. Davis
1995	Stuart Struever
1996	Robert McCormick Adams
1997	Dena Dincauze
1998	Raymond H. Thompson
1999	James A. Brown
2000	William D. Lipe

**FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH**

Initiated in 1977 to specially recognize interdisciplinary excellence by a distinguished scientist, who need not be an archaeologist but whose research has contributed significantly to American archaeology. Each year the award is based on practice in one of five disciplines: earth sciences, physical sciences, general interdisciplinary studies, zoological sciences, and botanical sciences. The award, which consists of a citation and a medallion, was named in memory of Roald Fryxell, whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology.

1978	C. Vance Haynes
1979	Peter J. Mehringer
1980	James B. Griffin
1981	Karl W. Butzer
1982	David J. Baerreis
1983	John E. Guilday ( <i>posthumous</i> )

1985	Roger T. Saucier
1986	Donald K. Grayson
1987	Richard I. Ford
1988	David M. Hopkins
1989	Joseph B. Lambert
1990	Patty Jo Watson
1991	Paul W. Parmalee
1992	Richard Yarnell
1993	Herbert E. Wright Jr.
1994	Garman Harbottle
1995	Robert J. Braidwood
1996	Elizabeth S. Wing
1997	Vorsila L. Bohrer
1998	John W. Weymouth
1999	Henry P. Schwarcz
2000	Richard S. MacNeish
2001	Melinda A. Zeder
2002	Deborah M. Pearsall
2003	George Rapp
2004	R.E. Taylor
2005	Bruce D. Smith
2006	Oscar Polaco Ramos
2007	Vaughn M. Bryant
2008	Paul Goldberg
2009	Michael D. Glascock
2010	Jane Buikstra
2011	R. Lee Lyman

**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	Katheribe A. Adelsberger
2008	Kurt Rademaker
2009	Benjamin R. Vining
2011	Teresa Wriston

**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

#### **DIENTJE KENYON MEMORIAL FELLOWSHIP**

The Dientje 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 Dientje Kenyon and was awarded for the first time in 2000.

2000 Rhonda Bathurst  
 2001 Briana Pobiner  
 2002 Elizabeth Espy  
 2003 Elizabeth Arnold  
 2004 Jamie Clark  
 2005 Michelle LeFebvre  
 2006 Sarah Elizabeth Mistak  
 2007 Jennifer L. Henecke  
 2008 Sarah G. Bergh  
 2009 Kayla L. Pettit  
 2010 Ashley Sharpe  
 2011 Carla Hadden

#### **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  
 Lawrence Keeley  
 1996 Jay K. Johnson  
 1998 Kenneth Hirth  
 1999 Barbara E. Luedtke  
 2000 Tom Hester

#### **NATIONAL SCIENCE FOUNDATION SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS**

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada.

1999 Lokelani H. Aipa  
 Frank Mt. Pleasant

2000 Leslie Awong  
 Leander Lucero  
 Amada Rockman  
 Lahela Perry  
 2001 Bonnie Lee Dziadasek  
 Desiree Martinez  
 Blair First Rider  
 2002 Deona Naboa  
 Natalie Ball  
 Tracy Pierre  
 2003 Michael Garcia  
 Gordon C. Moore  
 Carley Kaleo Veary  
 Scott T. Kikiloi  
 2005 Lizatine A. Tsosie  
 Laurie Shead  
 Denny Gayton  
 2006 Vera Asp  
 Ashley Layne Atkins  
 Joey Condit  
 Elizabeth Lein'Ala Kahave  
 Roberta Lynn Thomas  
 2007 Tracey Pierre  
 2008 Na'Lilma Ahuna  
 Tracey Pierre  
 Simon Solomon  
 2009 Shianne Sebastian  
 Ira K. Matt  
 Wesley D. Miles  
 2010 Wesley D. Miles  
 Simon Arthur Solomon  
 Elijah Sanderson  
 2011 Robert James David  
 Kevin J. Brown  
 Liana Staci Hesler

#### **ARTHUR C. PARKER SCHOLARSHIP**

This scholarship supports training in archaeological methods for students and Personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada. The scholarship is named in honor of SAA's first president, Arthur C. Parker, who was of Seneca ancestry.

1998 Angela J. Neller  
 1999 Iwalani Ching  
 2000 Randy Thompson  
 2001 Cynthia Williams  
 2002 Nola Markey  
 2003 Kalewa Skye Arie Correa  
 2004 Sean P. Naleimaile  
 2005 Larae Buckskin  
 2006 Malia Kapuanalani Evans-  
 Mason  
 2007 Ora Marek  
 2008 Marie Sina Faatuala  
 2009 Travis Maki

2010 Paulette Faith Steeves  
2011 Kamakana Christian Ferreira

#### 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

#### 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

#### FRED PLOG MEMORIAL FELLOWSHIP

The Fred Plog Memorial Fellowship is named for a major archaeologist in Southwest research who also was an inspiring teacher.

1999 Sarah Herr  
2001 Deborah Huntley  
2005 Greg Schachner  
2007 Michael Mathiowetz  
Todd Pitezel  
2008 Deanna Grimstead  
2009 Samuel Duwe  
2010 Matthew Peeples  
2011 William Reitze

#### POSTER AWARD

Presented to promote interest and acceptance of the poster in the dissemination of archaeological research, to increase the quality of Poster presentations, and to acknowledge the very best accomplishments in this valuable medium. The award, initiated at the 58th Annual Meeting in 1993, is given in two categories: student and professional/non-student. As of 2008, only the student category continued. The professional category was sunsetted.

1993 Cynthia Herhahn (*student*)  
Virginia Butler & James Chatters (*Professional*)  
1994 Alanah J. Woody (*Student*)  
George R. Miller & James S. Oliver

(*Professional*)

Dennis E. Lewarch & Laura S. Phillips (*organizers, outstanding Poster Symposium*)

1995 Tim Hunt, Mark Madsen, & Carl Lipo (*Student*)  
Brenda J. Baker & Maria A. Liston (*Professional*)

1996 Clinton C. Hoffman (*Student*)  
Adam King (*Student*)

1997 Stephen H. Lekson (*Professional*)  
Anastasia Steffen, Rita Moots Skinner, & Ann F. Ramenofsky (*Student*)

Judith A. Habicht-Mauche, A Russell Flegal, Stephen Glenn, & Horner Milford (*Professional*)

1998 Lisa Nagaoka (*Student*)  
Shannon P. McPherron & Harold L. Dibble (*Professional*)

1999 Diana Greenlee, Robert C. Dunnell, Terry Hunt, and Michael Pfeffer (*Student*)

Neal H. Lopinot & Jack H. Ray (*Professional*)

2000 Diana M. Greenlee (*Student*)  
Fraser D. Neiman (*Professional*)

2001 Jonathan Scholnick, Derek Wheeler, & Fraser Neiman (*Student*)  
Jeffrey Homburg, Eric Brevic, Jeffrey Altschul, Anthony Orme & Steven Shelly (*Professional*)

2002 Laura Smith, James Jordan, David Johnson, Casey Haskell & Herbert Maschner (*Student*)

Manuel R. Palacios-Fest & Jeffrey A. Homburg (*Professional*)

2003 Stacey Chambliss (*Student*)  
Diana M. Greenlee (*Professional*)

2004 Andrew Isaac, Mark Muldoon, Keri Brown & Terry Brown (*Overall*)  
Sara Bon-Harper, Jennifer

Aultman, Nick Bon-Harper & Derek Wheeler (*Professional*)  
Stacy Lengyel (*Student*)

2005 Ethan Cochrane, Julie Field & Diana Greenlee (*Student*)

2005 James Feathers, Jack Johnson & Silvia Kembel (*Professional*)

2006 Ruth Dickau (*Student*)

2006 Robert Hard, Cynthia Muñoz & Anne Katzenberg (*Professional*)

2007 Jeffrey Ferguson, Jelmer E. Eerkens & Michael Glascock (*Professional*)

2007 Bridget Zavala & Jose Luis Punzo Diaz (*Student*)

2008 Brandi Lee MacDonald, R.G.V. Hancock, Alison Pidruczny & Aubrey Cannon (*Student*)

2009 Susan M. Mentzer (*Student*)

2010	Metin I. Eren, Adam Durant & Christina Neudorf ( <i>Student</i> )		Jonathan Lizee Toni Moore
2011	Alexander Smith & Danielle Raad ( <i>Student</i> )		Carol Shull George Stuart
<b>PRESIDENTIAL RECOGNITION AWARD</b>		1997	Mark Aldenderfer David Anderson Roger Anyon & T. J. Ferguson Keith Kintigh Florence Lister Donna Seifert Joe Watkins
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.		1998	Stephen Dyson for <i>Archaeology Magazine</i> Ed Friedman Janet Levy William Lovis
1990	Jerome A. Miller Nathalie F. S. Woodbury	1999	Caryn Berg Susan J. Bender Judith A. Bense Jon S. Czaplicki Gary Feinman Linda Manzanilla Tristine Lee Smart George S. Smith Joe Watkins
1991	Lynne Goldstein Rachael Hamilton Keith Kintigh Earl Lubensky Loretta Neumann Kathleen Reinburg David Hurst Thomas	2000	Lynne Goldstein James A. Goold Kurt E. Dongoske
1992	Mark Leone Jeremy A. Sabloff	2001	Mark Aldenderfer Patricia Gilman The Law Department of the National Trust for Historic Preservation Francis P. McManamon Ian W. Brown
1993	Jerald Milanich Daniel G. Roberts Bruce D. Smith Vincas P. Steponaitis	2002	Michael J. Fanelli Donald Forsyth Craib Johna Hutira
1994	David S. Brose Edward Friedman R. Bruce McMillan Teresita Majewski William H. Marquardt Dan F. Morse J. Daniel Rogers Katharina J. Schreiber Dean Snow Vincas P. Steponaitis Paul Takac	2003	John Chamblee Fred Wendorf, Stuart Struever, & Doug Schwartz
1995	Mark Aldenderfer Roger Anyon Robert Drennan Diane Gifford-Gonzalez Lynne Goldstein Keith Kintigh Mark J. Lynott Phyllis Messenger, KC Smith, & Cathy MacDonald Paul Minnis Bruce E. Rippeteau Alison Wylie Melinda A. Zeder	2004	Garth Bawden Julie Hollowell-Zimmer & Chip Colwell- Chanthaphonh Erin Kuns William Longacre
1996	Brian Fagan Paul Fish & Suzanne K. Fish	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 Sneed  
Wendy Ashmore  
David Browman  
Don Fowler  
Lisa Lecount  
Linda Manzanilla  
Bruce Smith  
Fundraising Committee:  
William Doelle  
Susan Bender  
Cathy Cameron  
John E. Kelly  
Paul Minnis  
Linda Pierce  
Bruce Rippeteau  
Martha Rolingson  
Ken Sassaman  
2011 Susan B. Bruning  
Paul Minnis  
Jonathan Muller

#### 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 5<sup>th</sup> St. Cemetery  
Necrogeographical Study  
2008 Texas Beyond History Website  
2009 Center for American Archaeology  
2010 Project Archaeology

#### 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:

1983 Sen. Spark M. Matasanaga  
Rep. Donald J. Pease  
1984 Sen. James A. McClure  
1985 Speaker James C. Wright Jr.  
1986 Secretary of the Interior Donald P. Hodel  
1987 Rep. John F. Seiberling  
1988 Rep. Charles E. Bennett  
1989 Sen. Peter V. Domenici  
1990 Rep. Morris K. Udall  
1991 Secretary of the Interior  
Manuel Lujan Jr.  
1992 The Archaeological  
Conservancy  
1993 Constance Werner Ramirez  
1994 James Beck  
Deborah Daniels  
Jeffrey Kent  
Larry Mackey  
Scott Newman  
1995 Grand Canyon Trust  
1996 Rep. Bill Richardson  
1997 Rep. Phil English  
1998 Loretta F. Neumann  
1999 Secretary of the Interior Bruce Babbitt  
2000 Wayne Dance  
2003 Representative Leonard Boswell  
2004 Paula Desio  
2005 Sen. Jeff Bingaman  
2008 Arc of Appalachia Preserve  
System, The Archaeological  
Conservancy, Wilderness East &  
The Ross County Parks  
Department

#### 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 ( <i>Wisconsin State Journal</i> )	2004	Indiana University/University of Nevada – Reno
1996	Matt Crenson ( <i>Dallas Morning News</i> )	2005	University of Arizona
1997	(no award)	2006	San Diego State University
1998	Diedtra Henderson ( <i>Seattle Times</i> )	2007	Brown University
1999	William Mullen ( <i>Chicago Tribune</i> )	2008	University of California-Berkeley
2000	Frank Roylance ( <i>Baltimore Sun</i> )	2009	Texas A&M
2001	Mike Toner ( <i>The Atlanta Journal-Constitution</i> )	2010	Brown University
2002	Chip Minty ( <i>The Daily Oklahoman</i> )	2011	University of California-Santa Barbara
2004	Alexandra Witze ( <i>Dallas Morning News</i> )		
2005	Marion Lloyd ( <i>Chronicle of Higher Education</i> )		
2006	Andrew Petkofsky		
2007	Richard L. Hill		
2008	Tom Avril ( <i>Philadelphia Enquirer</i> )		
2009	Andrew Lawler ( <i>Science Magazine</i> )		
2010	Andrea Cooper ( <i>freelance</i> )		
2011	Dan Vergano ( <i>USA Today</i> )		

#### STUDENT PAPER AWARD

Initiated in 2000, this award is designed to recognize the best student research paper presented at the Annual Meeting. All student members of SAA are eligible to participate. The awardees have been:

2000	Nathan S. Lowrey (with Thomas C. Pleger)
2002	Christopher Morehart
2003	Devin Alan White
2004	Briana L. Pobiner & David R. Braun
2005	Elizabeth Horton & Christina B. Rieth
2006	Metin I. Eren & Mary E. Prendergast
2007	Scott Ortman
2009	Michael Mathiowetz
2010	John M. Marston
2011	Melanie Beasley Jack Meyer Eric J. Bartelink Randy Miller

#### 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.

#### PRESIDENTS OF SAA

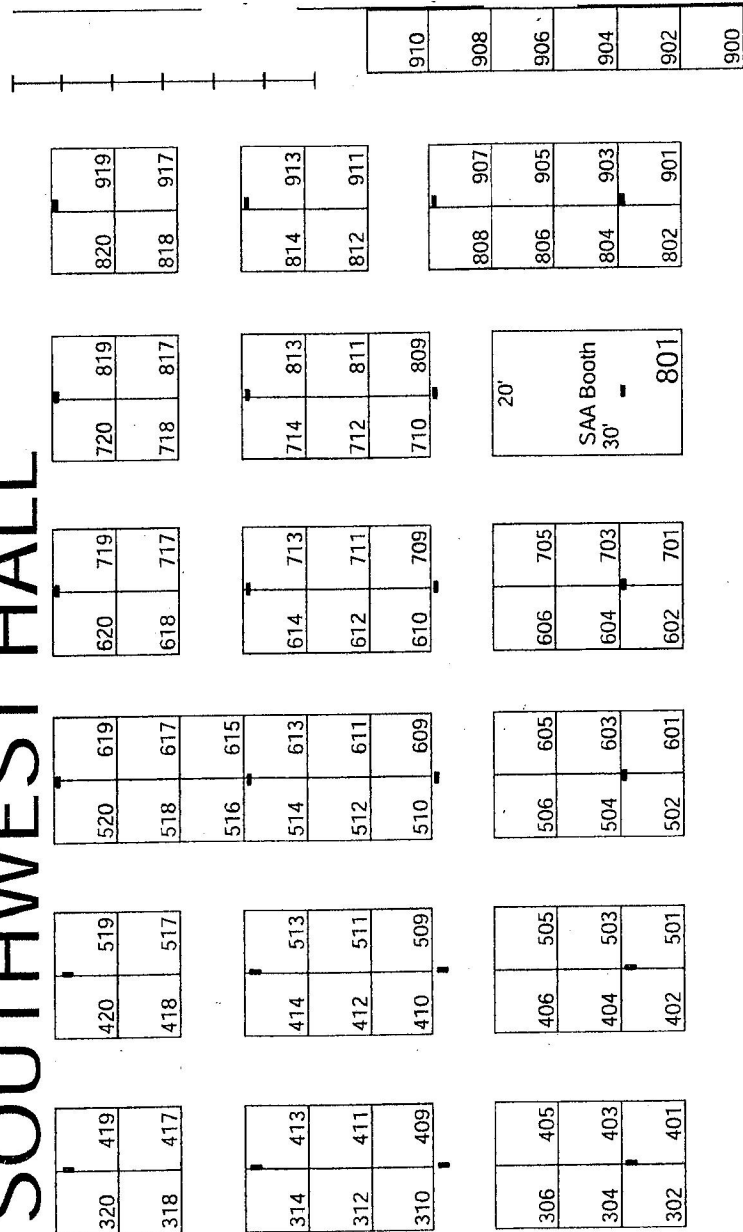
A. C. Parker	1935-1936
Diamond Jeness	1936-1937
A. V. Kidder	1937-1938
Edgar B. Howard	1938-1939
Neil Judd	1939-1940
W. C. McKern	1940-1941
Glenn Black	1941-1942
Nels C. Nelson	1942-1943
Emil W. Haury	1943-1944
J. Alden Mason	1944-1945
Carl E. Guthe	1945-1946
Frederick Johnson	1946-1947
Douglas S. Byers	1947-1948
Waldo R. Wedel	1948-1949
J. O. Brew	1949-1950
Frank Roberts Jr.	1950-1951
James B. Griffin	1951-1952
Irving Rouse	1952-1953
Gordon F. Ekholm	1953-1954
Robert Wauchope	1954-1955
W. Duncan Strong	1955-1956
William A. Ritchie	1956-1957
George I. Quimby Jr.	1957-1958
Richard B. Woodbury	1958-1959
Jesse D. Jennings	1959-1960
Erik K. Reed	1960-1961
Junius Bird	1961-1962
David A. Baerreis	1962-1963
James A. Ford	1963-1964
Albert C. Spaulding	1964-1965
Paul S. Martin	1965-1966
Joe B. Wheat	1966-1967
Gordon R. Willey	1967-1968
H. Marie Wormington	1968-1969
Ignacio Bernal	1969-1970
Robert Lister	1970-1971
Richard S. MacNeish	1971-1972
Charles C. Di Peso	1972-1973
Douglas W. Schwartz	1973-1974
Charles R. McGimsey III	1974-1975
Stuart Struever	1975-1976

Raymond H. Thompson	1976-1977	31st	Reno, NV May 1966
Cynthia Irwin-Williams	1977-1979	32nd	Ann Arbor, MI May 1967
Fred Wendorf	1979-1981	33rd	Santa Fe, NM May 1968
Richard E. W. Adams	1981-1983	34th	Milwaukee, WI May 1969
George C. Frison	1983-1985	35th	Mexico City, Mexico May 1970
Don Fowler	1985-1987	36th	Norman, OK May 1971
Dena Dincauze	1987-1989	37th	Bal Harbour, FL May 1972
Jeremy A. Sabloff	1989-1991	38th	San Francisco, CA May 1973
Prudence Rice	1991-1993	39th	Washington, D.C. May 1974
Bruce D. Smith	1993-1995	40th	Dallas, TX May 1975
William D. Lipe	1995-1997	41st	St. Louis, MO May 1976
Vincas P. Steponaitis	1997-1999	42nd	New Orleans, LA April 1977
Keith W. Kintigh	1999-2001	43rd	Tucson, AZ May 1978
Robert L. Kelly	2001-2003	44th	Vancouver, Canada April 1979
Lynne Sebastian	2003-2005	45th	Philadelphia, PA May 1980
Kenneth M. Ames	2005-2007	46th	San Diego, CA April-May 1981
Dean R. Snow	2007-2009	47th	Minneapolis, MN April 1982
Margaret W. Conkey	2009-2011	48th	Pittsburgh, PA April 1983
W. Frederick Limp	2011-2013	49th	Portland, OR April 1984
		50th	Denver, CO May 1985
		51st	New Orleans, LA April 1986
		52nd	Toronto May 1987
		53rd	Phoenix, AZ April 1988
		54th	Atlanta, GA April 1989
		55th	Las Vegas, NV April 1990
		56th	New Orleans, LA April 1991
		57th	Pittsburgh, PA April 1992
		58th	St. Louis, MO April 1993
		59th	Anaheim, CA April 1994
		60th	Minneapolis, MN May 1995
		61st	New Orleans, LA April 1996
		62nd	Nashville, TN April 1997
		63rd	Seattle, WA March 1998
		64th	Chicago, IL March 1999
		65th	Philadelphia, PA April 2000
		66th	New Orleans, LA April 2001
		67th	Denver, CO March 2002
		68th	Milwaukee, WI April 2003
		69th	Montreal, QC Mar-Apr 2004
		70th	Salt Lake City, UT Mar-Apr 2005
		71st	San Juan, PR April 2006
		72nd	Austin, TX April 2007
		73rd	Vancouver, BC March 2008
		74th	Atlanta, GA April 2009
		75th	St. Louis, MO April 2010
		76th	Sacramento, CA Mar-Apr 2011
		77th	Memphis, TN April 2012

## ANNUAL MEETING SITES

1st	Andover, MA. December 1935
2nd	Washington, D.C. December 1936
3rd	Milwaukee, WI May 1938
4th	Ann Arbor, MI. May 1939
5th	Indianapolis, IN April 1940
6th	Minneapolis, MN May 1941
7th	Cincinnati, OH May 1942
8th	<i>(Because of travel difficulties &amp; other wartime restrictions, the 1943 Annual Meeting was conducted by mail by the Executive Committee, whose actions were approved at the next Annual Meeting.)</i>
9th	Washington, D.C. May 1944
10th	Washington, D.C. May 1945
11th	Indianapolis, IN May 1946
12th	Ann Arbor, MI May 1947
13th	Milwaukee, WI May 1948
14th	Bloomington, IN May 1949
15th	Norman, OK May 1950
16th	Evanston, IL May 1951
17th	Columbus, OH May 1952
18th	Urbana, IL May 1953
19th	Albany, NY May 1954
20th	Bloomington, IN May 1955
21st	Lincoln, NE May 1956
22nd	Madison, WI May 1957
23rd	Norman, OK May 1958
24th	Salt Lake City, UT May 1959
25th	New Haven, CT May 1960
26th	Columbus, OH May 1961
27th	Tucson, AZ May 1962
28th	Boulder, CO May 1963
29th	Chapel Hill, NC May 1964
30th	Urbana, IL May 1965

# SOUTHWEST HALL





## Exhibitor Directory

**Accurex Dimensional Measurement**  
**225 S. Chester Road**  
**Suite 1B**  
**Swarthmore PA 19081-1919**  
**#710**

Accurex provides high-precision 3D Scanning white light scanning systems built by Breuckmann. These products can be used to create digital models of artifacts for archival purposes, or to collect data for dimensional analysis. Scan data can be preserved in color with full detail including scribe marks or engravings.

**AltaMira Press**  
**4501 Forbes Blvd.**  
**Suite 200**  
**Lanham MD 20706**  
**#505**

AltaMira Press, an imprint of the Rowman & Littlefield Publishing Group, disseminates high quality information in the humanities and social sciences, focusing on the professional development of those who work in the cultural life of a community - the museum, historical society, arts center, and church.

**AMEC Environment & Infrastructure**  
**201 S. Capitol Ave.**  
**Ste. 200**  
**Indianapolis IN 46225-1057**  
**#405**

AMEC Environment & Infrastructure is a leading environmental firm providing a full range of cultural resources and heritage management services. AMEC has more than 230 office locations with over 120 archaeologists across North America and the world offering an impressive array of services and specialists.

**American Rock Art Research Association**  
**201 W. Soloman**  
**Midland TX 79705-3032**  
**#506**

The American Rock Art Research Association is a diverse community of

members with interests 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. Visit our web site at [www.arara.org](http://www.arara.org).

**Ancient Society Books**  
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Offering a broad selection of new and used books as well as used journals in all fields of anthropology with an emphasis on the New World. Libraries and individual volumes purchased. Want lists served.

**Archaeological Institute of America**  
**656 Beacon Street**  
**Boston MA 02215-2072**  
**#502**

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.

**Archaeology Division of the American Anthropological Association**  
**1811 Nordhoff**  
**Northridge CA 91330**  
**#519**

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