

# **PROGRAM OF THE 76TH ANNUAL MEETING**

**March 30–April 3, 2011  
Sacramento, California**



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 76th Annual Meeting*

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## Contents

4.....	Awards Presentation & Annual Business Meeting Agenda
5.....	2011 Award Recipients
11.....	Maps of the Hyatt Regency Sacramento, Sheraton Grand Sacramento, and the Sacramento Convention Center
17 .....	Meeting Organizers, SAA Board of Directors, & SAA Staff
18 .....	General Information
20. ....	Featured Sessions
22 .....	Summary Schedule
26 .....	A Word about the Sessions
28.....	Student Events
29.....	Sessions At A Glance (NEW!)
37.....	Program
169.....	SAA Awards, Scholarships, & Fellowships
176.....	Presidents of SAA
176.....	Annual Meeting Sites
178.....	Exhibit Map
179.....	Exhibitor Directory
190.....	SAA Committees and Task Forces
194.....	Index of Participants

**Awards Presentation & Annual Business Meeting****APRIL 1, 2011****5 PM Call to Order**

Call for Approval of Minutes of the  
**2010 Annual Business Meeting**

**Remarks**

President Margaret W. Conkey

**Reports**

Treasurer Christopher D. Dore  
Secretary Barbara J. Mills  
Executive Director Tobi A. Brimsek

**5:30 PM Presentation of Awards**

Presidential Recognition Awards  
Gene Stuart Award  
Student Poster Award  
Archaeology Week Poster Award  
Student Paper Award  
Ethics Bowl Trophy  
Scholarships & Fellowships  
Dissertation Award  
Book Awards  
Award for Excellence in Archaeological Analysis  
Award for Excellence in Cultural Resource Management  
Crabtree Award  
Fryxell Award for Interdisciplinary Research  
Excellence in Latin American and Caribbean Archaeology  
Lifetime Achievement Award

**New Business****Ceremonial Resolutions****Transfer of Presidential Office****Remarks**

President William F. "Fred" Limp

**6:30 PM Adjournment**

## 2011 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:** Paul Minnis

For his unstinting attention to the SAA Press and for his creative approach to bringing the most current ideas and issues to the membership through our publications. Despite the challenges at a transitional time in print publication, his humor, his good sense, and his flexibility have made this a productive time in SAA publications.

### **PRESIDENTIAL RECOGNITION AWARD**

**Recipient:** Jonathan Muller

For his dedication to the memorializing of our deceased members over many years, for his always reliable and comprehensive gathering of their names, and for his appropriately serious and reverent presentations at the annual meetings.

### **PRESIDENTIAL RECOGNITION AWARD**

**Recipient:** Susan B. Bruning

For her dedication to the understanding of and advising on one of the most important, always evolving, and challenging issues, namely, repatriation; her articulate and fair insights and assessments; her committee leadership and willingness to travel for the best interests of the Society; and for her professionalism, sense of equity and balance, and always timely advice.

### **GENE STUART AWARD**

**Recipient:** Dan Vergano

Dan Vergano, an award-winning science reporter for the national daily newspaper USA TODAY, has earned the 2011 Gene S. Stuart Award for his interesting, thoughtful, and authoritative writing about problem-oriented archaeological research in the Puuc region of the Yucatan Peninsula, Mexico. "So long, said the Maya" and its online version present the reader with a no-nonsense yet engaging view of important research questions explored from the perspective of the Kiuic site in the Yucatan. Vergano blends his astute reporting with the authority of individual archaeological investigators and their assessment of archaeological evidence to involve the reader in exploring rapid abandonments of some Maya sites. His discussion of archaeological evidence in the contexts of time, physical and social environments, and culture enable the reader to connect the analysis of the site with the complex processes of change in the Yucatan and elsewhere.

### **STUDENT POSTER AWARD**

**Recipients:** Alexander Smith and Danielle Raad

Alexander Smith and Danielle Raad have earned the 2011 SAA Student Poster

Award for their poster submission entitled "The Metallurgy of Iron Mine Hill: The Use of Cumberlandite in Colonial Iron Artifacts from Rhode Island." The poster presented original research on colonial iron artifacts from Rhode Island that utilized new technologies for examining the chemical signature of a particular local iron ore, cumberlandite. Iron artifacts from two archaeological sites, Green Farm and Potowomut, were examined and the relative frequencies of certain elements were compared allowing the authors to make arguments about the use of certain iron ore sources. This innovative research project will provide a platform for future studies and contributes to our understanding of colonial metallurgy.

**DIENJE KENYON FELLOWSHIP**

**Recipient:** Carla Hadden, University of Georgia

**FRED PLOG MEMORIAL FELLOWSHIP**

**Recipient:** William Reitze, University of Arizona

**DOUGLAS KELLOGG FELLOWSHIP**

**Recipient:** Teresa Wriston, University of Nevada - Reno

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

**Recipient:** Kamakana Christian Ferreira (Native Hawaiian)

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

**Recipient:** Robert James David (Klamath)

**Recipient:** Kevin J. Brown, (Navajo Nation)

**Recipient:** Liana Staci Hesler (Ponca)

**SAA NATIVE AMERICAN UNDERGRADUATE ARCHAEOLOGY SCHOLARSHIP**

**Recipient:** Garrett W. Briggs (Southern Ute)

**SAA NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP**

**Recipient:** Frank James Raslich (Saginaw Chippewa)

**STUDENT PAPER AWARD**

**Recipients:** Melanie Beasley, Jack Meyer, Eric J. Bartelink, and Randy Miller Through their well-written and argued paper titled "Human Bone Diagenesis in a Prehistoric Burial Mound from the Central California Delta: Bioarchaeological and Geoarchaeological Approaches," Melanie Beasley, Jack Meyer, Eric J. Bartelink, and Randy Miller contribute to both site-specific and potentially discipline-wide archaeological investigations. Using real world examples, they demonstrate the utility of geoarchaeology for selecting viable samples of human bone for stable isotope analysis. As they state explicitly, their methods are useful not just for understanding cultural and geological histories of individual sites; they also enable archaeologists to make the most of limited funding and field time, and to select only the most information-rich human bones for invasive analyses.

**DISSERTATION AWARD****Recipient:** Scott G. Ortman

Scott Ortman's dissertation, *Genes, Language, and Culture in Tewa Ethnogenesis, A.D. 1150-1400* (Arizona State University, 2010), is a multistranded study of the depopulation of the Mesa Verde region, and the origins of the Tewa People. Through meticulous study of archaeological material, skeletal remains, ethnography, and linguistic data, the author establishes that Tewa origins lay in a massive migration from the Mesa Verde region. This exodus likely stemmed from the rise of a religious movement against the increasing social hierarchy at Mesa Verde. To reconstruct Tewa ethnogenesis, the author traces Tewa biological, linguistic, and cultural inheritance, weaving diverse bodies of contemporary theory in multiple disciplines with original approaches, including a pioneering method for discerning conceptual metaphors in material culture. The dissertation exemplifies how a study focused on a particular question in prehistory can be a basis for a signal theoretical contribution to the anthropology of social change.

**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:** Vernon James Knight, Jr., *Mound Excavations at Moundville: Architecture, Elites, and Social Order*

*Mound Excavations at Moundville: Architecture, Elites, and Social Order* presents the results of a long-term research project at this major center of monumental Mississippian architecture. Vernon James Knight, Jr., synthesizes a vast amount of data, ranging from the results of innovative mound-excavation methods to the analysis of artifacts, faunal remains, features, and paleobotanical material, to reveal the rise and subsequent evolution of the Moundville chiefdom. His conclusions have far-reaching implications for the worldwide study of monumental architecture and its role in the emergence and maintenance of sociocultural complexity. As the sole author of the principal text, Knight gives a coherence and unity to the narrative that is often missing in many modern site reports. The University of Alabama deserves recognition for the high quality of this landmark contribution to American Archaeology.

**BOOK AWARD: PUBLIC AUDIENCE BOOK AWARD**

**Recipient:** Steven Simms, *Traces of Fremont: Society and Rock Art in Ancient Utah*

*Traces of Fremont: Society and Rock Art in Ancient Utah* brings to vivid life the infrequently celebrated Fremont culture of Utah. Steven Simms seamlessly weaves the material remains of the Fremont culture, and especially the stunning rock art, into a marvelous tapestry that includes eloquent and accessible descriptions of how archaeologists have learned what we know of these people and fictionalized vignettes of what their lives must have been like. Simms' prose is engaging and the text is complemented by the spectacular photographs of François Gohier. The University of Utah Press and the College of Eastern Utah Prehistoric Museum have done well by Simms and Gohier with a well-produced volume exhibiting effective design and high-quality reproduction of the photography

**AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS**

**Recipient:** Steven Shackley

Steven Shackley has earned the SAA's Award for Excellence in Archaeological Analysis for his analytical and technical contributions using raw material sourcing in the interpretation of the social relations underlying lithic assemblage patterning. Dr. Shackley's achievements combine outstanding scholarship in XRF analysis, geoarchaeology, archaeometry, flintknapping, and lithic technology with an anthropological perspective on a diversity of cultural processes and interactions, including quarrying, long-distance trade and exchange, ethnicity, migration, style and group identity, and gender interaction. His published work on these topics spans both cultural resource management and academic projects, and focuses on regions as diverse as the North American Southwest, Mexico, South and Central America, Ethiopia, the Middle East, and the Russian Far East, as well as temporal periods from the Middle Stone Age to Paleoamericans to the Neolithic to the ethnographic present. This award recognizes Steven Shackley's significant role in advancing archaeological research in the field of lithic analysis.

**AWARD FOR EXCELLENCE IN CULTURAL RESOURCE MANAGEMENT**

**Recipient:** Nelly Robles García

Nelly Robles García has earned the SAA's award for Excellence in CRM for her long and unwavering history of service and contributions, both in publication and presentation, to the administration of cultural resources in Oaxaca and Mexico. Her development of a center in Oaxaca for the documentation of best practices in site management from around the world will benefit heritage managers for years to come. Over the past twenty-five years, she has provided exemplary leadership in planning for site management, and advocacy for dynamic management of cultural resources by state and national governments. Her leadership has provided direction and guidance for cultural resources management that will benefit both the resources and their managers long into the 21<sup>st</sup> century.



**CRABTREE AWARD****Recipient:** George Poetschat

George Poetschat has earned the SAA's Crabtree Award for his outstanding focus on archaeology as an avocationist. He has not only participated in archaeology, but he has also done archaeological research, published the results, and reached out to the public to engage their interest in the subject. In addition to his participation in 80 plus projects over more than two decades, Mr. Poetschat has authored or coauthored more than 35 publications in professional journals and monograph series. He was a founding member of the Oregon Archaeological Society (OAS) training program and has helped develop and conduct both the OAS's "Basic Training in Archaeology" and the "Rock Art Recording" classes from 1993 to present. As an OAS training program leader, he has taught archaeology to students every year since 1991 in both museum and public school venues. Mr. Poetschat has provided admirable service to the field of archaeology as avocationist.

**THE FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH****Recipient:** R. Lee Lyman

No single person has brought such strong taphonomic and paleontological rigor to the discipline of zooarchaeology as R. Lee Lyman. His work has been instrumental in convincing Quaternary scientists and conservation biologists on the value of archaeological records to understanding past ecosystems. Early in his career, Lyman initiated leading-edge research by devising rigorous methods for measuring animal bone density, which greatly increased our ability to assess the role that human and nonhuman forces play in creating faunal assemblages. His research on cervids was immediately embraced by the archaeological community, and later expanded to include numerous taxa from diverse geographic locations and temporal periods. His problem-oriented research revolutionized the study of marine mammals with regional-scale analysis of butchery, prey demography, biogeography, and modern conservation. His publication record by any measure is extraordinary. Lyman's meticulous, quantitative methods have become the gold standard to which his students and peers are always striving to achieve. It is for these reasons and more that we honor R. Lee Lyman with this award.

**AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY****Recipient:** Jeremy A. Sabloff

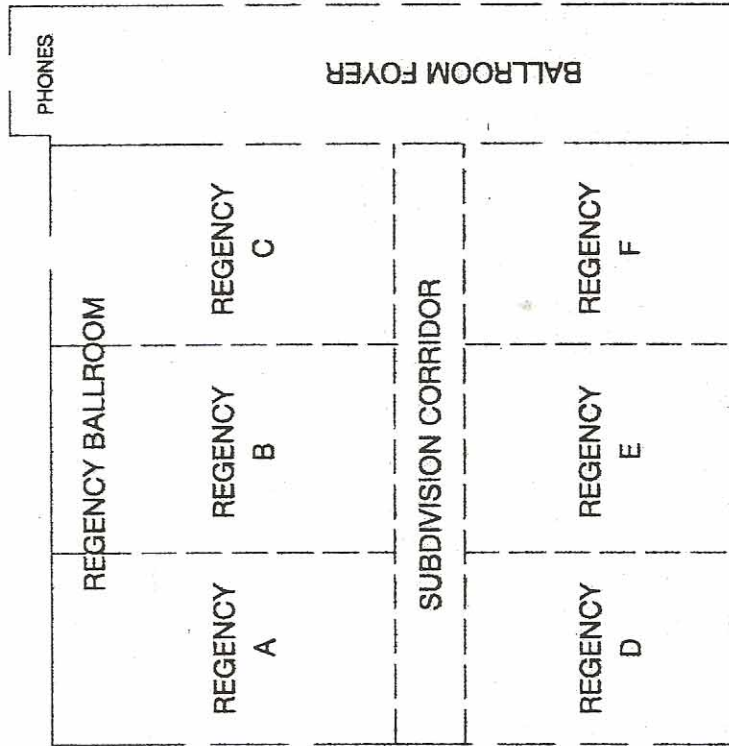
Jeremy A. Sabloff has earned the Award for Excellence in Latin American and Caribbean Archaeology for his contributions to method and theory in archaeology, and to the construction and dissemination of archaeological knowledge. His outstanding research at Seibal, Cozumel and Sayil provide important models for theoretical and methodological approaches and have influenced many generations of students. His role in the development of the successful Latin American Archaeology Program at the University of Pittsburgh is an example of the way in which he has been a positive force within archaeology during his entire career and has made a lasting contribution theoretically, empirically, methodologically and in other ways that directly affect the continued

vitality of the discipline and of Latin American and Caribbean archaeology specifically. His long service to the SAA, together with a successful blend of administrative responsibilities and research commitments, continue to mark his professional trajectory.

**LIFETIME ACHIEVEMENT AWARD**

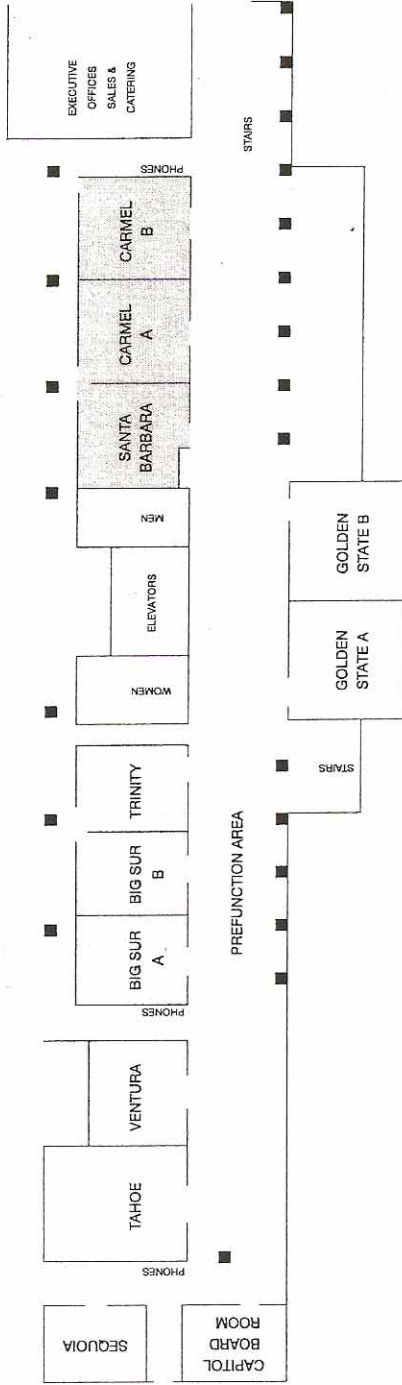
**Recipient:** W. Raymond Wood

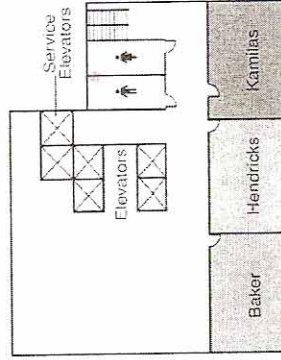
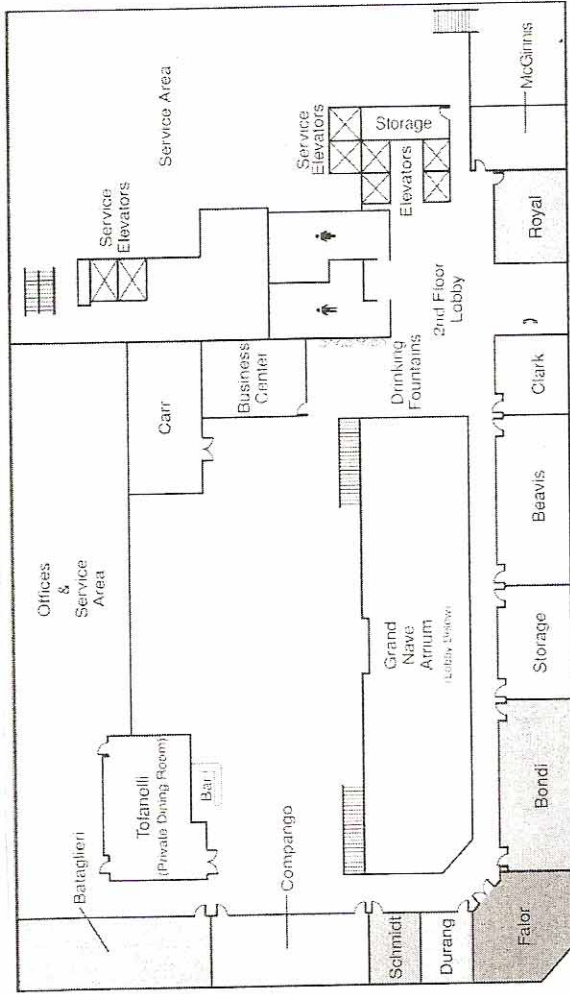
W. Raymond Wood is the 2011 recipient of the SAA Lifetime Achievement Award, in recognition of his enduring recognized scholarship and his extensive service to the profession. Dr. Wood is an eminent figure in North American archaeology whose work in the Great Plains has deepened archaeological and ethnohistoric scholarship in the region. His many contributions to Plains archaeology range from Quaternary paleoecology and prehistoric settlement to historical cartography and the early fur trade. His early interdisciplinary collaborations set the standard for research on the human component of the Quaternary period. In addition to his own extensive publications, he has served as a highly effective editor of *Plains Anthropologist* and *American Antiquity*. In his teaching, research, and service-related activities, Dr. Wood has conveyed the importance of archaeological ethics and has emphasized engagement with avocational archaeologists.



H=Hyatt Regency Sacramento • First Floor

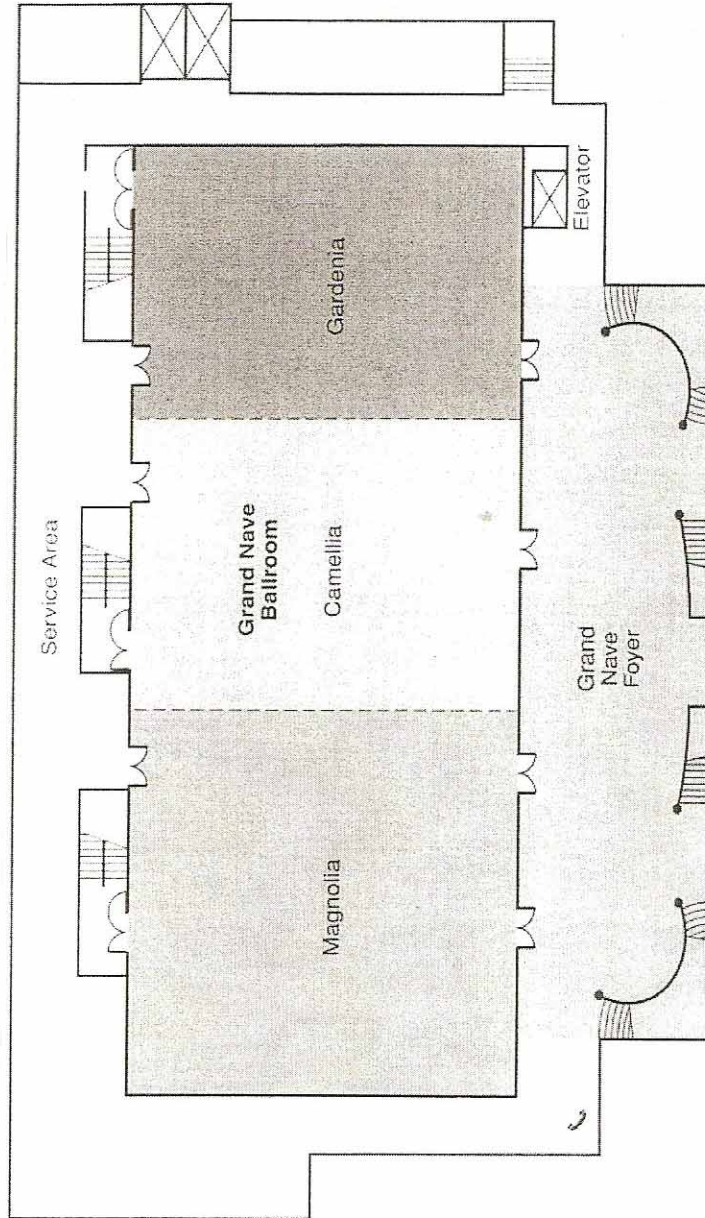
# H=Hyatt Regency Sacramento • Second Floor

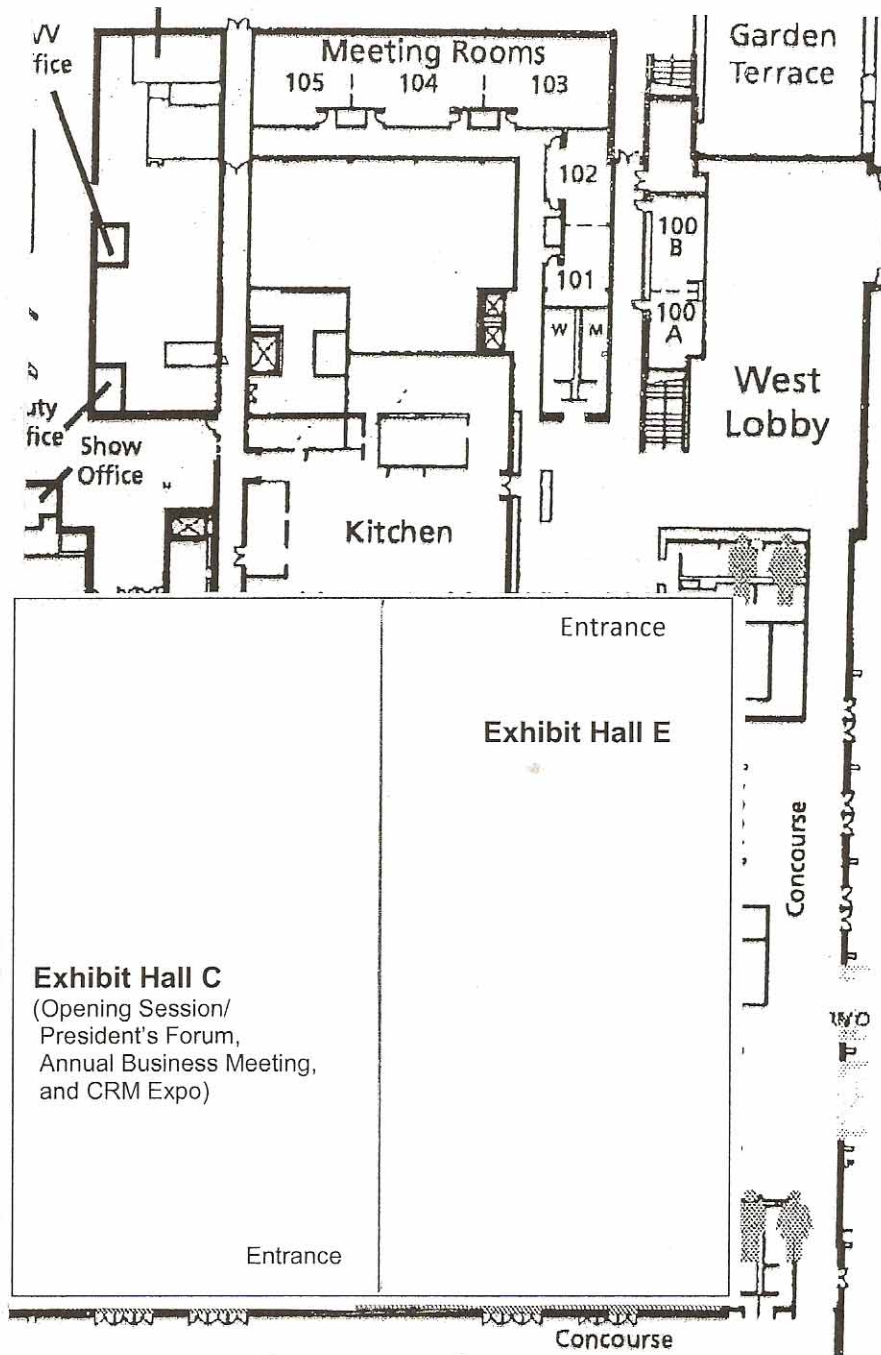




**S=Sheraton Grand Sacramento • 2<sup>nd</sup> and 3<sup>rd</sup> Levels**

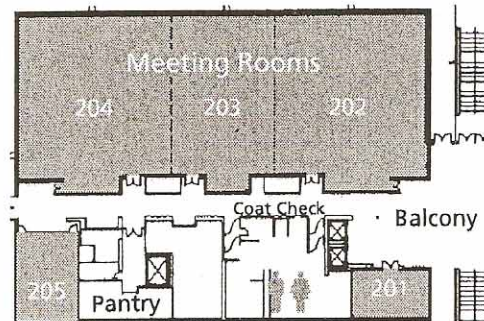
**S=Sheraton Grand Sacramento • Ballroom Level**



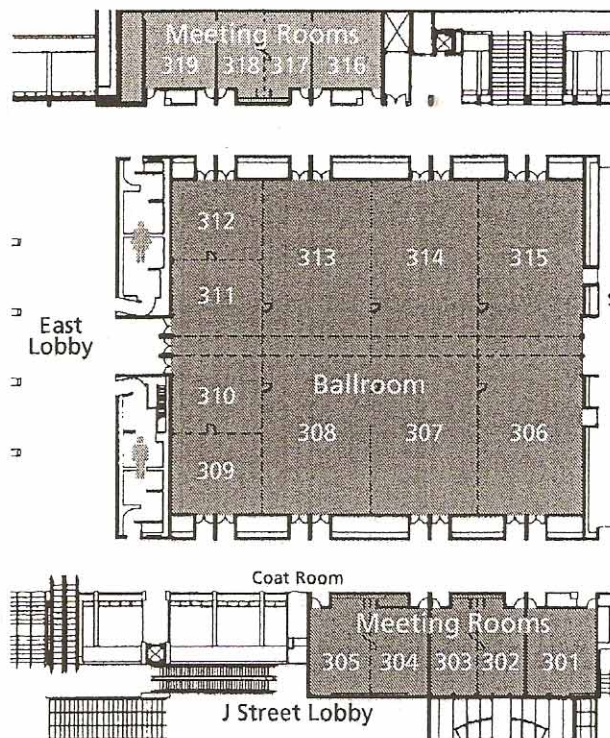


CC= Sacramento Convention Center • First Floor  
 (West Lobby: Registration, Message Center, and Abstract Viewing Center)





**CC= Sacramento Convention Center • Second Floor**



**CC= Sacramento Convention Center • Third Floor  
(Poster Sessions: East Lobby)**



**SOCIETY FOR AMERICAN ARCHAEOLOGY  
76TH ANNUAL MEETING**

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England

Fraser Sturt  
Southampton College, England

Christina Torres-Rouff  
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US Army Corps of Engineers

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ICF International

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Western Zoological Research

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Keisan Griffith-Roberts  
Coordinator, Financial and  
Administrative Services

## GENERAL INFORMATION

### MEETING ROOM LOCATIONS

As meetings are scheduled at the Hyatt Regency Sacramento, Sheraton Grand Sacramento, and the Sacramento Convention Center, the following location designators will be used in conjunction with room names/numbers:

**H=Hyatt Regency Sacramento**  
**S=Sheraton Grand Sacramento**  
**CC= Sacramento 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 West Lobby (CC) near Registration, 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 Exhibit Hall C (CC) at the Sacramento 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 Exhibit Hall C (CC) on Saturday, April 2.

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 2 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 2.

### BADGE USE

Badge use is mandatory due to the meeting logistics. Attendees are asked to display their badges to attend meeting events. Badge checkers will be monitoring access to all SAA meeting space. Thank you in advance for your assistance.

### 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 102 (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, March 31 from 9 am to 5 pm;

Friday, April 1 from 9 am to 5 pm; and Saturday, April 2 from 9 am to 5 pm in Exhibit Hall E at the Sacramento 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 near Registration in the West Lobby (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 Sacramento.

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

#### OFFICE

From Monday, March 28 to Wednesday early morning, March 30, the SAA Staff Office is located at the Sheraton Grand

Sacramento in the Schmidt Room (S). From Wednesday to Sunday, the SAA Staff Office will be located at the Sacramento Convention Center in Room 205 (CC).

#### OPENING SESSION/PRESIDENT'S FORUM

The opening session/ President's forum on Wednesday March 30, will be held in Exhibit Hall C at the Sacramento Convention Center from 6:00 to 8:00 pm.

#### POSTER SESSIONS

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

Poster sessions will be conducted in the East Lobby—3<sup>rd</sup> Floor of the Sacramento 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* (29-36) for the poster session schedule.

#### PRESS OFFICE

The Press Office, located in Room 101(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 West Lobby of the Sacramento 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 February 28, 2011 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 100 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 201 (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 Sheraton in Camellia/ Gardenia (S). 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*** **NAGPRA: Creating the Next Generation of Research Questions and Practices**

**Date:** Wednesday, March 30, 2011

**Time:** 6:00 pm–8:00 pm

**Location:** Room Exhibit Hall C (CC)

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

**Date:** Thursday, March 31

**Time:** 1:00 pm–3:00 pm

**Location:** 203 (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 back of Exhibit Hall E (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
Abstract Viewing Center (Sponsored by Center for Desert Archaeology and Desert Archaeology Inc.)	2pm to 8pm West Lobby (CC)	7am to 10pm West Lobby (CC)	7am to 4pm West Lobby (CC)	7am to 5pm West Lobby (CC)	7am to 11am West Lobby (CC)
Registration	2pm to 8pm West Lobby (CC)	7am to 8pm West Lobby (CC)	7am to 4pm West Lobby (CC)	7am to 4:30pm West Lobby (CC)	7am to 8am West Lobby (CC)
Message Center (Sponsored by Commonwealth Cultural Resources Group, Inc.)	2pm to 8pm West Lobby (CC)	7am to 6pm West Lobby (CC)	7am to 6:30pm West Lobby (CC)	7am to 6pm West Lobby (CC)	7am to 11:45am West Lobby (CC)
Employment Service Center	2pm to 8pm Room 102 (CC)	8am to 6pm Room 102 (CC)	8am to 4pm Room 102 (CC)	8am to 5pm Room 102 (CC)	8am to 11am Room 102 (CC)
Speaker Ready Room	2pm to 8pm Room 201 (CC)	7am to 9pm Room 201 (CC)	7am to 5pm Room 201 (CC)	7am to 5pm Room 201 (CC)	7am to noon Room 201 (CC)
Press Office	9am to 5pm Room 101 (CC)	9am to 5pm Room 101 (CC)	9am to 5pm Room 101 (CC)	9am to 5pm Room 101 (CC)	9am to noon Room 101 (CC)
Exhibits		9 am to 5pm Exhibit Hall E (CC)	9am to 5pm Exhibit Hall E (CC)	9am to 5pm Exhibit Hall E (CC)	

## Summary Schedule

### Monday, March 28

8:30 am–5:00 pm  
*Royal (S)*  
 USDA Forest Service Heritage Leadership Meeting  
 (by invitation)

10:00 am–5:30 pm  
*Gardenia (S)*  
 US Air Force CRM Workshop  
 (by invitation)

2:00 pm–5:30 pm  
*Camellia (S)*  
 USDA/NRCS Cultural Resources Workshop  
 (by invitation)

### Tuesday, March 29

7:30 am–5:30 pm  
*Gardenia (S)*  
 US Air Force CRM Workshop (cont.)  
 (by invitation)

7:30 am–5:30 pm  
*Camellia (S)*  
 USDA/NRCS Cultural Resources Workshop (cont.)  
 (by invitation)

8:00 am–5:30 pm  
*Royal (S)*  
 USDA Forest Service Heritage Leadership Meeting (cont.)  
 (by invitation)

8:00 am–5:30 pm  
*Big Sur AB (H)*  
 Association of Transportation Archaeologists Annual Meeting

9:00 am–4:30 pm  
*Golden State AB (H)*  
 NPS Archaeologists Workshop  
 (by invitation)

9:00 am–5:00 pm  
*Carmel AB (H)*  
 US Army Corps of Engineers CRM Community of Practice Conference

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

### Wednesday, March 30

2:00 pm–8:00 pm  
**West Lobby (CC)**  
**Meeting Registration**

7:00 am–8:00 am  
*Falor (S)*  
 SAA Board of Directors—New Board Member Orientation

7:30 am–5:30 pm  
*Gardenia (S)*  
 US Air Force CRM Workshop (cont.)  
 (by invitation)

7:30 am–5:30 pm  
*Camellia (S)*  
 USDA/NRCS Cultural Resources Workshop (cont.)  
 (by invitation)

8:00 am–12:00 pm  
*Royal (S)*  
 USDA Forest Service Heritage Leadership Meeting (cont.)

8:00 am–5:15 pm  
*Falor (S)*  
 SAA Board of Directors Meeting

8:00 am–5:30 pm  
*Big Sur AB (H)*  
 Association of Transportation Archaeologists Annual Meeting (cont.)

8:30 am–5:00 pm  
*Carmel AB (H)*  
 US Army Corps of Engineers CRM Community of Practice Conference (cont.)

8:30 am–5:00 pm  
*Bataglieri (S)*  
 Annual Project Archaeology Meeting

9:00 am–4:30 pm  
*Golden State AB (H)*  
 NPS Archaeologists Workshop (cont.)  
 (by invitation)

9:00 am–5:00 pm  
*101 (CC)*  
 Press Office

1:00 pm–5:00 pm  
*Tahoe (H)*  
 Workshop Rock Art Site Management

1:30 pm–5:00 pm  
*Regency F (H)*  
 National Association of State  
 Archaeologists Annual Meeting

2:00 pm–5:30 pm  
*Trinity (H)*  
 RPA Board Meeting

2:00 pm–8:00 pm  
*102 (CC)*  
 Employment Service Center

5:30 pm–6:30 pm  
 Past President's Advisory Board Reception  
 (by invitation)

6:00 pm–8:00 pm  
 Exhibit Hall C (CC)  
*Opening Session/President's Forum*

9:00 pm–10:00 pm  
*Camellia/Gardenia (S)*  
 Student/New Member/Committee  
 Reception

#### **Thursday, March 31**

**7:00 am–8:00 pm**  
***West Lobby (CC)***  
**Meeting Registration**

7:30 am–12:00 pm  
*Golden State AB (H)*  
 Preliminary Rounds of the Ethics Bowl  
 (Room 1)

7:30 am–12:00 pm  
*Carmel AB (H)*  
 Preliminary Rounds of the Ethics Bowl  
 (Room 2)

8:00 am–10:00 am  
*Bataglieri (S)*  
 Council of Councils Meeting

8:00 am–12:00 pm  
*CC*  
 Symposia

8:00 am–6:00 pm  
*102 (CC)*  
 Employment Service Center

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

9:00 am–5:00 pm  
*Room 101 (CC)*  
 Press Office

12:00 pm–1:00 pm  
*Regency EF (H)*  
 New Event! Resumé/CV Review (lunch  
 provided; register in advance; no fee)

1:00 pm–3:00 pm  
*Room 203 (CC)*  
 Ethics Bowl

1:00 pm–5:00 pm  
*CC*  
 Symposia

1:00 pm–5:00 pm  
*Tofanelli (CC)*  
 Meeting of ICOMOS ICAHM

3:00 pm–4:00 pm  
*Tahoe (H)*  
 Meeting of *Latin American Antiquity*  
 Advisory Committee

4:00 pm–6:00 pm  
*Royal (S)*  
 Council of Affiliated Societies Annual  
 Business Meeting

4:00 pm–6:00 pm  
*Regency DEF (H)*  
 Committee on Curriculum Meeting

4:00 pm–6:00 pm  
*Regency DEF (H)*  
 Committee on Ethics Meeting

4:00 pm–6:00 pm  
*Regency DEF (H)*  
 Government Affairs Committee Meeting

4:00 pm–6:00 pm  
*Regency DEF (H)*  
 Investment and Finance Committee  
 Meeting

4:00 pm–6:00 pm  
*Regency DEF (H)*  
 Media Relations Committee Meeting

4:00 pm–6:00 pm  
*Regency DEF (H)*  
 Minority Scholarships Committee

4:00 pm–6:00 pm  
*Regency DEF (H)*  
 Committee on Museums, Collections and  
 Curation Meeting

4:00 pm–6:00 pm  
*Regency DEF (H)*  
 Native American Relations Committee  
 Meeting

**24 (H)=Hyatt Regency Sacramento (S)=Sheraton Grand Sacramento (CC)=Sacramento Convention Center  
Program of the 76th Annual Meeting**

4:00 pm–6:00 pm <i>Regency DEF (H)</i> Native American Scholarships Committee Meeting	5:00 pm–6:00 pm <i>Golden State AB (H)</i> Interest Group on Indigenous Populations Meeting
4:00 pm–6:00 pm <i>Regency DEF (H)</i> Public Education Committee Meeting	6:00 pm–7:00 pm <i>Carr (S)</i> Prehistoric Quarry and Early Mines Interest Group Meeting
4:00 pm–6:00 pm <i>Regency DEF (H)</i> Committee on the Status of Women in Archaeology (COSWA) Meeting	6:00 pm–7:00 pm <i>Tahoe (H)</i> Public Archaeology Interest Group Meeting
4:00 pm–6:00 pm <i>Regency DEF (H)</i> Student Affairs Committee Meeting	6:00 pm–7:00 pm <i>Beavis (S)</i> Rock Art Interest Group Meeting
4:00 pm–6:00 pm <i>Regency DEF (H)</i> Student Paper Award Committee Meeting	6:00 pm–10:00 pm <i>CC</i> Symposia
5:00 pm–6:00 pm <i>Carmel AB (H)</i> Exploratory Meeting on the Formation of the Forensic Archaeology Interest Group	7:00 pm–7:30 pm <i>Magnolia (S)</i> Women in Archaeology Interest Group Business Meeting
5:00 pm–6:00 pm <i>Falor (S)</i> History of Archaeology Interest Group Meeting	<b>Friday, April 1</b>
5:00 pm–6:30 pm <i>Bataglieri (S)</i> Society for Archaeological Sciences Business Meeting	<b>7:00 am–4:00 pm</b> <b><i>West Lobby (CC)</i></b> <b>Meeting Registration</b>
5:00 pm–6:30 pm <i>Capitol View 15<sup>th</sup> Fl. (H)</i> RPA Awards Ceremony	8:00 am–12:00 pm <i>Capitol Board Room (H)</i> Archaeology Division of AAA Board Meeting (by invitation)
5:30 pm–7:00 pm <i>Magnolia (S)</i> Women's Networking Reception (WAIG/COSWA)	8:00 am–12:00 pm <i>CC</i> Symposia
5:00 pm–6:00 pm <i>Bondi (S)</i> Digital Data Interest Group Meeting	8:00 am–4:00 pm <i>Room 102 (CC)</i> Employment Service Center
6:00 pm–7:00 pm <i>Big Sur AB (H)</i> Fiber Perishables Interest Group Meeting	9:00 am–11:00 am <i>Compagno (S)</i> Committee on the Americas Meeting
6:00 pm–7:00 pm <i>Tofanelli (S)</i> Geoarchaeology Interest Group Meeting	9:00 am–5:00 pm <i>Exhibit Hall DE (CC)</i> Exhibit Hall
	9:00 am–5:00pm <i>Room 101 (CC)</i> Press Office



12:00 pm–1:00 pm <i>Bataglieri (S)</i> Heritage Values Interest Group Meeting	8:15 am–4:45 pm <i>Falor (S)</i> SAA Board of Directors Meeting
1:00 pm–3:00 pm <i>Compagno (S)</i> PEC State Network Coordinators Meeting	9:00 am–5:00 pm <i>Room 101 (CC)</i> Press Office
1:00 pm–3:00 pm <i>Carr (S)</i> Repatriation Committee Meeting	9:00 am–5:00 pm <i>Exhibit Hall E (CC)</i> Exhibit Hall
1:00 pm–5:00 pm <i>CC</i> Symposia	10:00 am–4:00 pm <i>Tahoe (H)</i> World Archaeological Congress Meeting
1:30 pm–3:30 pm <i>Big Sur AB (H)</i> Publications Committee Meeting	1:00 pm–5:00 pm <i>CC</i> Symposia
3:30 pm–5:00 pm <i>Bataglieri (S)</i> International Association for Obsidian Studies Annual Meeting	1:00 pm–4:00 pm <i>Exhibit Hall C (CC)</i> CRM EXPO (sponsored by ACRA and SAA's Consulting Archaeology Committee)
3:30 pm–4:30 pm <i>Big Sur AB (H)</i> Do You Want to Be an SAA Editor? (open meeting for all interested)	5:00 pm–6:30 pm <i>Kamilos/Hendricks/Baker (S)</i> East Asian Archaeology Get-together
5:00 pm–6:30 pm <i>Exhibit Hall C (CC)</i> Awards Presentation and Annual Business Meeting	5:00 pm–6:00 pm <i>Carmel AB (H)</i> International Assn for Women Archaeologists Working in South Asia Meeting
6:45 pm–8:45 pm <i>Carr (S)</i> Society for African Archaeology Reception	<b>Sunday, April 3</b> <b>7:00 am–8:00 am</b> <b>West Lobby (CC)</b> <b>Meeting Registration</b>
6:45 pm–8:45 pm <i>Tahoe (H)</i> Native American Welcome Reception	8:00 am–12:00 pm <i>CC</i> Symposia
<b>Saturday, April 2</b> <b>7:00 am–4:30 pm</b> <b>Meeting Registration</b>	8:00 am–11:00 am <i>Room 102 (CC)</i> Employment Service Center
7:00am–8:00 am <i>Regency F (H)</i> Committee Chair/Interest Group Organizer Breakfast with the Board (by invitation)	9:00 am–12:00 pm <i>Room 101 (CC)</i> Press Office
8:00 am–12:00 pm <i>CC</i> Symposia	
8:00 am–4:00 pm <i>Room 102 (CC)</i> Employment Service Center	

## 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.*

## AA's 77<sup>th</sup> Annual Meeting in 2012!

Plan now to attend the SAA 77th Annual Meeting in Memphis, TN April 18–22, 2012. 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 Memphis will open on May 3, 2011.

**Special thanks go to these generous  
sponsors for their support of SAA's 76<sup>th</sup>  
Annual Meeting:**

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

*Message Center*  
**Commonwealth Cultural Resources Group, Inc.**

*Resumé/CV Review*  
**Institute for Mesoamerican Studies  
The Department of Anthropology, The Ohio State  
University  
Department of Anthropology, Michigan State University  
University of Wyoming Department of Anthropology  
School of Human Evolution and Social Change, Arizona  
State University  
The University of Arizona School of Anthropology  
Arizona State Museum, The University of Arizona  
Department of Anthropology, Portland State University  
Department of Anthropology, Washington State University  
UNC - Charlotte Dept. of Anthropology  
Panamerican Consultants, Inc.  
Dept. Anthropology, University of Utah  
Frances M. Hayashida  
Anonymous  
UCSB Anthropology  
University of California Berkeley  
Julie Stein - Burke Museum, University of Washington  
Department of Anthropology, University of California,  
Davis**

## STUDENT EVENTS

*EVENTS FOR AND BY STUDENTS. EVENTS YOU SHOULD KNOW ABOUT!*

### **Welcome Reception ■ Wednesday March 30, 9 PM**

All students, new members and first time attendees are invited.  
Registration needed. No additional fee.

### **Ethics Bowl ■ Thursday March 31**

Students debate hypothetical ethical cases. Open to all!  
Rounds Begin: Thursday, March, 31, 7:30 AM–12:00 PM in rooms  
Golden State AB and Carmel AB in the Hyatt Regency Sacramento  
Final Round: Thursday, March, 31, 1:00 PM–3:00 PM in room 203 in the  
Sacramento Convention Center. The judges for the final round are:  
T. J. Ferguson, Anne Pyburn, and John Yellen

### **Bring Your Resume/cv ■ Thursday March 31**

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

### **Student Forum ■ Friday April 1**

Professionalism: Getting the Job and Finding Success in the Real  
World, from 10:00 am to 12:00 pm in Room 317/318 in the Sacramento  
Convention Center. Open to all! The transition from student to  
professional can be fraught with perils. In this interactive forum, new and  
seasoned professionals share their experiences on both sides of the job  
search, and give tips and guidelines for a successful search. Bring your  
questions!

### **Student Poster Award**

Winning Poster: Alexander Smith and Danielle Raad: "The Metallurgy of  
Iron Mine Hill: The Use of Cumberlandite in Colonial Iron Artifacts from  
Rhode Island." This poster will be presented at 2:30–4:30 pm on  
Thursday March 31, poster 62-h, in the East Lobby-Third Floor in the  
Sacramento Convention Center.

### **Student Paper Award**

Winning Paper: Melanie Beasley, Jack Meyer, Eric J. Bartelink, and  
Randy Miller: "Human Bone Diagenesis in a Prehistoric Burial Mound  
from the Central California Delta: Bioarchaeological and  
Geoarchaeological Approaches." This paper will be presented at 8:00 am  
on Saturday, April 2 in session 194 in room 202 in the Sacramento  
Convention Center.

Come celebrate these and other SAA awards at the  
Awards Presentation & Annual Business Meeting, 5:00 PM, Friday, April  
1, in Exhibit Hall C at the Sacramento Convention Center

Sessions at Glance: Wednesday Evening, March 30 and Thursday Morning, March 31															
Wed. March 30	6:00 PM			7:00 PM		8:00 PM			9:00 PM			10:00 PM			
Exhibit Hall C	1 Forum: NAGPRA: Creating the Next Generation of Research Questions and Practices														
Thurs March 31	8:00 AM			9:00 AM		10:00 AM			11:00 AM			12:00 PM			
317/318	2 General Session: Pleistocene						28 General Session: Maya Cosmology and								
East Lobby-Third Floor	3-7 Poster Sessions							31-36 Poster Sessions							
302/303	8 Symposium: Challenges and Understandings of								29 General Session: Stone Tool Technologie						
316	9 General Session: Maya Households, Communitie								27 General Session: Landscapes, Memory,						
305	10 General Session: Archaeological Methods										38 General Session: Trade and				
204	11 Symposium: California I									37 Symposium: Current					
304	12 Symposium: Ratitie and Human Interactions in the Archaeological								39 General Session: Lan						
104/105	13 Symposium: Ancient Economies of Arabia: Neolithic to Early Islamic														
306	14 Symposium: New Theories on the Emergence of Social Complexity in the														
309/310	15 Symposium: Recent Advance Regarding Ancient Advances of the Incas in Norther														
202	16 Symposium: Exploring Sex and Gender in Bioarchaeology														
307	17 Symposium: Questioning Assumptions: Celebrating the Work and Influence of John D.														
313	18 Symposium: Theory, History, and Multidisciplinarity: The Production of Knowledge in														
301	19 Symposium: Chemical Residue Analysis in Archaeology: Method Development and Residue Di														
308	20 Symposium: Grand Archaeology: Life Along the Banks of the Colorado River through Grand Ca														
203	21 Symposium: Los Otomies en la Historia Mesoamericana														
314	22 Symposium: Lithic Technology and the Status of Rocks in Archaeology: A Tribute to George Odell														
311/312	23 Symposium: Recent Developments in the Archaeology of Southwest China and Southeast Asia														
315	24 Symposium: Situating Materiality: Power and Objectifications in the Indigenous Americas														
319	25 Symposium: Wood in Archaeology: Latest Developments for Past Societies														
103				26 General Session: Paleo					30 General Session: Of Fauna, Tools, and Food						

Sessions at a Glance: Thursday Afternoon						
Thursday March 31	1:00 PM	2:00 PM	3:00 PM	4:00 PM		
316	40 General Session: Maya Households Pt. 2		51 General Session: Political Authority and Elite Status in			
309/310	41 Symposium: Reflections of the Soul: Mirrors in the			72: General Session: Bioarchaeological App		
304	42 General Session: Archaeology in the North Atlantic			68: General Session: Land Use, Resou		
305	43 General Session: Discussions in Archaeological		67: General Session: Mesoamerican Settlement			
203	44 The Ethics Bowl			73: Symposium: Contemporary Research in		
103	45 Forum: Multiple Data and Access: Effective Means			69: General Session: Of Fauna, Tools		
104/105	46 Symposium: The Cedar Mesa Project Turns 40: New			71: General Session: Archaeology of the Dea		
319	47 Symposium: Methodologies in the Study of Seals and			70 General Session: Animal Domestic		
204	48 Symposium: California II			76 Symposium: Forensic Archaeology:		
302/303	49 Symposium: Chosen Women of the Inka			74 General Session: Global Perspectives of		
317/318	50 Symposium: Paths of Inquiry: Perspectives on the Study			75 General Session: Maya Ritual and Sacred		
313	52 Symposium: New Perspectives on the Hohokam					
307	53 Symposium: Questioning Assumptions: Celebrating the Work and Influences of John D.					
311/312	54 Symposium: Current Research and Approaches to the Archaeology of Communities					
306	55 Symposium: Bridging the U.S.-Canadian Border: The Anthropological Archaeology of Northern Iroquoian					
202	56 Symposium: Current Research in Maya Bioarchaeology					
301	57 Symposium: Crown of the West: Mountain Archaeology from the Sierra Nevada to the Rocky Mountains					
308	58: Symposium: Landscape, Urbanism and Society: Recent Research in Postclassic Western Mexico					
314	59: Symposium: Standardization in Lithic Use-Wear Analysis: How Do We Get There From Here?					
315	60: Symposium: Technique and Interpretation in the Archaeology of Rock Art					
East Lobby-Third Floor		61-66 Poster Sessions				

Sessions at a Glance: Thursday Evening											
Thursday March 31	6:00 PM			7:00 PM			8:00 PM			9:00 PM	
202	77 Symposium: Ishi: Repatriating the Story										
103	78 Forum: The Principles of Archaeological Ethics as a Living										
317/318	79 Forum: Field Schools: What are We Doing?										
East Lobby-Third Floor	80-83 Poster Sessions										
104/105	84 Forum: The Perils, Pitfalls, and Incredible Persuasion of										
307	85 Symposium: Ancient Ancient Maya Ceramic Production, Distributio						100 Symposium: Studying Beads around				
301	86 Symposium: Come Together: Regional perspectives on Settlement										
203	87 Symposium: Human Limitations, an Archeological Perspective										
306	88 Symposium: New Perspectives on the Archaic Period of Coastal Chiapas,										
316	89 General Session: Of Shorelines and Ships: Coastal Archaeology										
315	90 Symposium: Tropical Low-Density Urbanism and Landscape Histories										
319	91 Symposium Archaeology and Paleoecology in Range Creek Canyon, Utah										
302/303	92 Symposium: Beyond Descriptive Analysis: Recent Advances in the Studies of Lime										
314	93 Symposium: Intersection of Perspectives on Political and Economic Development										
313	94 Symposium: Advances in Great Basin and Southwestern Archaeology: Papers in Honor of										
311/312	95 Symposium: Arqueología del Valle de Oaxaca: Los Proyectos de Atzompa y el CAVO										
304	96 General Session: Raw Material Acquisition, Stone Tool Production, and Subsistence										
308	97 Symposium: The Cutting Edge: The State of Play in World Obsidian Studies										
309/310	98 Symposium: Gods and Human beings: Anthropomorphic Representations in Highland Mexico from										
204	99 Symposium: Tree-Rings, Climate and Behavior: The Legacy of Jeffrey S. Dean										

Sessions at a Glance: Friday Morning														
Friday April 1	8:00 AM			9:00 AM			10:00 AM			11:00 AM			12:00 PM	
317/318	101 General Session: Hunter-Gatherer					127 Forum: Professionalism: Getting the Job and								
203	102 Symposium: New Perspectives on Old Issues Part					128 Symposium: Current Research in Copán								
316	103 General Session: Monumental Art and					130 Forum: The New Graduate Education: Master's								
East Lobby-Third Floor	104-109 Poster Sessions					Poster Sessions 134-139								
311/312	110 Symposium: Cultural Heritage Management and					129 Paleoethnobotanical Studies in the Americ								
302/303	111 Electronic Symposium: Current methods in paleoethno					132 General Session: Coastal								
319	112 Forum: The Good, the Bad, and the Ugly! SHPO Tales					133 General Session:								
301	113 Symposium: Research in Archaeological Literacy: Consensus Building,					140 General Session								
104/105	114 Symposium: Advances in the prehistory of the Southern Caucasus					131 General Session								
305	115 General Session: Archaeological Applications of GIS, GPR, and Remote Sensing													
202	116 Symposium: Exchange, Production, Power, and Control in Ancient Mesoamerica: New													
307	117 Symposium: The Chaco-To-Post-Chaco Transition in the Northern San Juan Region													
103	118 Forum: Using the Digital Archaeological Record (tDAR) for Management and Research													
306	119 Symposium: Ancient Maya Agroforestry and Water Management Systems at Tikal													
315	120 Symposium: Clovis: Current Perspectives on Technology, Chronology, and Adaptations (Part I)													
309/310	121 Symposium: Examining the Complexity and Diversity of the Historic Caribbean: Current													
313	122 Symposium: Against Objectivized Subjects: Alternative Narratives in Archaeology													
314		123 Symposium: Small Islands, Big Implications: The California Channel Islands and their												
304	124 General Session: Historical Ecology and Anthropogenic Change in the Americas													
204	125 Symposium: From the Ciudadelas of Chan Chan to the Platforms of Farfán: Papers in Honor of Carol J. Mackey													
308	126 Symposium: Fryxell Symposium: Papers in Honor of R. Lee Lyman													



Sessions at a Glance: Friday Afternoon												
Friday April 1	1:00 PM			2:00 PM			3:00 PM			4:00 PM		
317/318	141 General Session: Mor							168 General Session: Hunter-Gatherer				
301	142 General Session: Advances in and Applications of							167 General Session: Trade and				
302/303	143 Electronic Symposium: Mortuary Practices							164 General Session: Community				
103	144 Forum: Planning for Archaeological Digital Data							165 General Session: Hou				
203	145 Symposium: Research Utilizing the Maya Hieroglyph							166 General Session: Cultural				
316	146 Symposium: Three-Dimensional Archaeological							169 General Session: Paleoethnobotanic				
305	147 Symposium: Tratamiento Funerario en el Noroeste							170 General Session: Meso				
306	148 Symposium: Ancient Maya Water and Land Management: Inquiry into							173 Symposium: Living				
104/105	149 Symposium: Issues in the Social Evolution of Peripheral Northeast Asia:							174 General Session: Mon				
319	150 Symposium: National Guard Contributions to North American Studies of							171 General Session: Coas				
311/312	151 Symposium: Prehistoric occupation in the Ballona Lagoon, west L.A.							172 Symposium: EPA				
204	152 Symposium: Remembering and Commemorating: The Mortuary											
308	153 Symposium: Archaeological Cartographies											
304	154 General Session: Archaeological Education and Public Outreach in the Americas											
315	155 Symposium: Clovis: Current Perspectives on Technology, Chronology, and Adaptations (Part II)											
307	156 Symposium: Human Sacrifice on the North Coast of Peru: New Perspectives from Diachronic and											
202	157 Symposium: Mesoamerican Origins: Papers in Honor of Mary D. Pohl											
314	158 Symposium: "Enriching Archaeological Studies: The Contributions of Rock Art to the Archaeological											
309/310	159 Symposium: Archaeology, Inuit, and the International Polar Year											
313	160 Symposium: Toolstone Geography of the Pacific Northwest											
East Lobby-Third Floor							161-163 Poster Sessions					

Sessions at a Glance: Saturday Morning														
Saturday April 2	8:00 AM		9:00 AM		10:00 AM			11:00 AM				12:00 PM		
309/310	175 Symposium: Archaeology, Inequality, and													
East Lobby-Third Floor	176-181 Poster Sessions					206-211 Poster Sessions								
307	182 Symposium: Mesoamerican Plazas: Practices,					202 Symposium: Long Term Human								
301	183 Electronic Symposium: Re-Conceptualizing Nicaraguan					205 Symposium: Seasonality in								
317/318	184 Forum: Two Decades of NAGPRA: Reflections and					204 General Session: Mortuary								
103	185 Forum: Putting Culture into the Fight: Cultural Heri				201 General Session: Architecture and									
302/303	186 Symposium: Household and Community at Middle Preclas						203 Symposium: Archaeometry in							
304	187 General Session: Ceramic Analysis in the United States													
319	188 Symposium: Falls Creek Rock Shelter: Reanalysis of Basketmaker													
203	189 Symposium: Producing Social Environments in Pre-Colonial South													
316	190 General Session: Maya Craft Production, Trade, and Markets									212 General Session:				
306	191 Symposium: Ritual, Violence, and The Fall Of The Classic Maya Kings													
315	192 Symposium: Catching Fire: New Methods and Research for Identifying Anthropo													
313	193 Symposium: 1st International SAA Symposium for Recent, International Advances in the													
202	194 Symposium: Bioarchaeological and Archaeological Perspectives on Migration, Diet and													
305		195 General Session: Historic Archaeology												
104/105	196 Symposium: Rising From the Ashes: Glory, Trouble and Renaissance at the Robert S. Peabody													
311/312	197 Symposium: On the Edge of (a) Reason: Archaeology, Activism, and the Pursuit of Relevance													
204	198 Symposium: Surplus: The Politics of Production and the Strategies of Everyday Life													
308	199 Symposium: What We Don't Know About Agriculture in the Prehistoric North American Southwest													
314	200 Symposium: Archaeological Approaches to Indigenous Post-conquest Developments in New Spain and Central													

Sessions at a Glance: Saturday Afternoon											
Saturday April 2	1:00 PM		2:00 PM		3:00 PM			4:00 PM			
103	213 Electronic Symposium: Constructing a data				241 General Session: Native American Response						
309/310	214 Symposium: Blogging Archaeology				239 Symposium: Archaeology behind the						
317/318	215 Forum: A Life in Ruins? Work-Life Balance in Archa										
316	216 Electronic Symposium: From the Ground Up: Best Practices				238 General Session: Agriculture, Water, and						
202	217 Forum: The Future of Bioarchaeology: A Forum in					242 Symposium: A New Frontier for Hist					
302/303	218 Electronic Symposium: Transitions in the Paleolithic				240 General Session: Interaction and Exchange						
319	219 Symposium: Archaeological Research on the B-Square Ranch,							244 General Session:			
301	220 Symposium: From the Field to the Synchrotron Ring: Discovering							243 General Session: Ceramic			
307	221 Symposium: Late and Terminal Classic Politics in the Northern Ma							245 General Session: Archaeolog			
204	222 Symposium: The Study of Indigenous Landscape Management Pra							248 General Session: Rece			
314	223 Symposium: Approaches to Prehispanic Agricultural Soils in the New Wor							247 General Session: Glob			
311/312	224 Symposium: Recognizing Social Behavior in Ancient Quarries and Lithic							246 General Session: Com			
203	225 Symposium: The Enduring Legacy of Ceibal										
306	226 Symposium: Fire and the Body: Cremation as a Context for Social Meaning										
308	227 Symposium: Domestic Responses, Challenges, and Cooperation in Andean State Develo										
304	228 General Session: Exploring Identity, Mobility, and Interaction through Ceramic Analysis										
315	229 Symposium: Comparative Perspectives on Culture Contact and Interaction: Objects, Contexts,										
104/105	230 Symposium: Chasing Rainbows from the Great Basin to the Pacific Shore: Honoring the Accomplishme										
305	231 General Session: Paleoindian Technologies and Subsistence										
313	232 Symposium: Theorizing the Salish Sea: New Perspectives on the Gulf of Georgia Region of the Northwest Coas										
East Lobby-Third Floor				233-237 Poster Sessions							

Sessions at a Glance: Sunday Morning									
Sunday April 3	8:00 AM			9:00 AM			10:00 AM		
103	249 Forum: Anthropogenic Sediments as Archaeologica								
302/303	250 Forum: GIS Modeling at the Site of Joya de Cerén								
317/318	251 Forum: Today's Online Media Black Hole and Arch				269 Symposium: Archaeological, Ethnohistorical				
316	252 Forum: When the Tangible and Intangible are One								
315	253 Symposium: Detecting and Interpreting Ritual in Archaeol								
314	254 Symposium: An Archaeology of Heritage: What does the preserva								
301	255 General Session: Isotope Research: Insights and Contributions								
202	256 Symposium: The Sacramento River and its Mounds: A Fresh Look								
306	257 Symposium: Mapping and Technological Experiments in Archaeology								
304	258 General Session: Power, Conflict, and Ritual in Eurasia,								
319	259 General Session: Site Preservation: Legal, Ethical, and Methodological Iss								
305	260 General Session: Symbolism, Art, and Identity								
104/105	261 Symposium: Human social dynamics in East Polynesia: Insights from Archaeology								
308	262 Symposium: New Looks at Old Sites: The Results of Recent Research at Paleoindian Site								
204	263 Symposium: Places through Time: Site-Specific Historical Ecology on the Pacific Coast of								
313	264 Symposium: Beyond Pottery Types: Reconsidering Ceramic Design and Technology in								
309/310	265 Symposium: Submerged Prehistoric Sites Archaeology in the Americas: Method, Theory								
307	266 Symposium: Current Approaches in Mesoamerican Cave Archaeology								
311/312	267 Symposium: Mining and Quarrying in the Ancient Andes								
203				268 Forum: Forming Partnerships and Preparing New					

## Program

### Wednesday Afternoon ■ March 30, 2011

- [1A] **WORKSHOP ■ Rock Art Site Management**  
**Room:** Tahoe (H)  
**Time:** 1:00–5:00 PM

### Wednesday Evening ■ March 30, 2011

- [1] **OPENING SESSION AND PRESIDENT'S FORUM ■ NAGPRA: CREATING THE NEXT GENERATION OF RESEARCH QUESTIONS AND PRACTICES**  
**Room:** Exhibit Hall C (CC)  
**Time:** 6:00 PM–8:00 PM  
**Organizer:** Sara Gonzalez  
**Chair:** Darren Modzelewski  
**Moderator:** Sara Gonzalez

**Participants:**

Ramon Vasquez—Discussant  
Ventura Perez—Discussant  
Desiree Martinez—Discussant  
TJ Ferguson—Discussant  
Alston Thoms—Discussant  
Margaret Bruchac—Discussant  
Martin Wobst—Discussant  
Wendy Teeter—Discussant  
Reno Franklin—Discussant

### Thursday Morning ■ March 31, 2011

- [2] **GENERAL SESSION ■ PLEISTOCENE LANDSCAPES, TECHNOLOGIES, AND LIFEWAYS IN THE OLD WORLD**  
**Room:** 317/318 (CC)  
**Time:** 8:00 AM–9:30 AM  
**Chair:** Theodore Marks

**Participants:**

- 8:00 Jayne Wilkins—Blade Production at the site of Kathu Pan 1, South Africa during the Middle Pleistocene  
8:15 Cathy Zhou, Bonnie Blackwell, A.R. Skinner, H.L. Dibble and S.P. McPherron—ESR Dating at Grotte de Contrebandiers, Témara, Morocco: Developing a New Calculation for Volumetric Doses  
8:30 Theodore Marks—Landscape Utilization and Raw Material Economy: Comparisons between Middle Stone Age and Late Stone Age human behavior in the Namib Desert, Namibia  
8:45 Brian Jones—A Social Network Analysis Approach to Henrich's Model of Biased Skill Transmission: Implications for the MSA – LSA Transition  
9:00 Lisa Fontes—Thinking and Things: A Review and Evaluation of Cognitive Interpretations of the Middle Paleolithic Archaeological Record

- 9:15 Elspeth Ready—Prey choice and skeletal transport strategies during the Mousterian at Gatzarria Cave, southwestern France

**[3] POSTER SESSION ■ ARCHAEOLOGICAL METHOD AND THEORY**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 3-a James Feathers—Luminescence Dating of Prehistoric Rock Alignments
- 3-b Jacob Dinkelaker—Historic Preservation versus Development: A Case Study at the College of Wooster, Ohio
- 3-c Sam Lin, Matthew Douglass, Daniel Parker and Simon Holdaway—Experimental assessment of cortex composition in lithic assemblage through computer simulation
- 3-d Natalia Loewen, Anne Skinner, John Kappelman, Lawrence Todd and Neil Tabor—Blue Highways: Dating Shifra River sites, Ethiopia, with ESR
- 3-e Stacy Schneyder, Kevin Bartoy, J. Tait Elder, Melissa Goodman-Elgar and Melissa Cascella—At the Interface of Interpretations: The Use of the Single Context Recording System and Micromorphology in Urban Archaeology
- 3-f Michael Ashley, Cinzia Perlingieri and Ruth Tringham—CoDiFi:
- 3-g Kimberly Kasper and Kevin McBride—Reconstructing the Cultural Factors of Anthracology: A Case Study of the Mohantic Fort in Southeastern New England
- 3-h Min Li, Tongxiu Zheng, Hui Fang, Henry Wright and Rachel Lee—Ritual Landscape and Political Dynamics: Initial Results from the Wen-Si Regional Archaeological Survey
- 3-i Hilary Powell and Erik Otarola-Castillo—Modeling Ritual Activity as a Response to Environmental Gradients

**[4] POSTER SESSION ■ ARCHAEOLOGY OF OLD WORLD LANDSCAPES**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 4-a Paula Kay Lazrus—Utilizing tax and notarial documents to re-imagine a post-medieval landscape
- 4-b Ben Marwick, Anna Cohen, Seungki Kwak, Kimbi Macy and Andy Cowan—Geoarchaeology of Iron Age ceramics at Tham Sua Cave, Northern Lao PDR
- 4-c Teresa Wriston and Gary Haynes—Geoarchaeological Investigations in Northwestern Zimbabwe
- 4-d Jamie Aprile—The Lofkënd Survey Project: A Small Intensive Survey in the Gjanica River Valley in Central Albania
- 4-e Kathryn MacFarland—Religion in Iron Age Eurasia
- 4-f Jonathan Haws, Bryan Hockett, Nuno Bicho and Caroline Funk—Late Pleistocene Environmental Change and Human Occupation of Lapa do Picareiro (Portugal)
- 4-g Ian Lindsay and Connor Wiktorowicz—Magnetic Survey of Fortresses in the Late Bronze Age South Caucasus

**[5] POSTER SESSION ■ GLOBAL PERSPECTIVES ON CERAMIC ANALYSIS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 5-a Josue Gomez, Douglas Kennett and Barbara Voorhies—Reconsidering “Pox” pottery: Early Ceramics from Coastal Guerrero

- 5-b Kathleen LeBlanc—Gender Ceramic Ethnoarchaeology in Fiji
- 5-c Carl Lipo, Hector Neff and Jacob Kovalchik—The Promise and Practicalities of Rehydroxylation Dating for Prehistoric Ceramics
- 5-d Matthew Weitkamp and Kylie Quave—Evaluating Inka Ceramic Production through Horizontal Excavation (Cusco, Peru)
- 5-e Jessica Hedgepeth—A typological and iconographic analysis of Early Postclassic pottery from Río Viejo, Oaxaca, Mexico
- 5-f Judy Bernal, Gregory Holk, Carl Lipo and Hector Neff—An Experimental Study of Mineralogical Changes and Hydrogen Isotope Fractionation in Ceramic Pyrotechnology
- 5-g Jeffrey Brzezinski, Sarah Barber, Arthur Joyce and Andrew Workinger—Ideology through Iconography: An Analysis of late Terminal Formative Decorated Ceramics from the Lower Rio Verde Valley, Oaxaca, Mexico
- 5-h Aksel Casson, James Feathers, Albert Lin and Fred Hiebert—Luminescence Dating of Ceramic Roof Tiles from Central Asia
- 5-i Zachary Day, Paul Thacker, Cynthia Day and Carlos Pereira—Clay Sourcing and Ceramic Production at Iron Age Castro de São Martinho, Portugal
- 5-j Nathaniel Erb-Satullo, Andrew Shortland and Katherine Eremin—Local Wares, Imperial Styles: Identifying Nuzi Ware Production Sites in the Near East through Petrography and Chemical Analysis
- 5-k Dana Rosenstein, Robert T. Downs and Pamela Vandiver—Structure and function: mineralogical analyses of tempers in Late Iron Age ceramics from southern Africa using optical petrography, x-ray diffraction and raman spectrometry

**[6] POSTER SESSION ■ GLOBAL PERSPECTIVES ON STONE TOOL TECHNOLOGIES**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 6-a Sarah Casson—Sinagua Point Lithics: a Comparison of Four Sites in the Flagstaff Region
- 6-b Sarah Kennedy and Kylie Quave—Identifying Inka Domestic Contexts in the Absence of Surface Architecture (Cusco, Peru)
- 6-c Dianna Doucette—Style versus Occupation: Narrow Stemmed Points from the Tower Hill Site
- 6-d Lucas Martindale Johnson, Diane Chase and Arlen Chase—Stoking the Funeral Fire: The Use of Green Obsidian during Cremation at Caracol, Belize
- 6-e Paul Kardulias—The Multi-Component Wansack Site (36ME61): The Prehistoric Longue Durée in Western Pennsylvania
- 6-f Scott Hammerstedt—Testing the Effectiveness of Mill Creek Chert Hoes in Prairie Soils
- 6-g Elizabeth Peterson—Used or not Used? Use Wear on Projectile Points From the Casas Grandes 2008-2010 Excavation Season
- 6-h Beth Smith—Great Basin and California Crescents: Determining Function Through the Manufacturing Continuum
- 6-i Mercedes Okumura and Astolfo Araujo—The bifacial points from Southeastern Brazil: Chrono-spatial characterization through statistical analysis
- 6-j Andrew White and Robert Whallon—Conjoining Lithic Artifacts as Indicators of Site Occupational History at Havelte H1
- 6-k Daniel Mullins—Obsidian Hydration Dating and Geochemical Obsidian Sourcing of Paleo-archaic Artifacts from the Milford Flat project, Western Utah

- 6-l Shawn Lambert and Steven Meredith—Illustrating important variables in Early Archaic Gulf Coastal Plain projectile point classification.
- 6-m Karl La Favre—Highland South-Central Andean Archaic Population: An Analysis of Projectile Points from the Qawra Thaki Survey
- 6-n Andrew Boehm—Experimental Bison Butchery: A New Mexico Study

**[7] POSTER SESSION ■ RAW MATERIAL ACQUISITION, STONE TOOL PRODUCTION, AND SUBSISTENCE**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 7-a Donald Blakeslee—Capturing Process: Stacked Outline Analysis in Lithic Studies
- 7-b Jim Railey—Spatial Zoning and the Shift from "Formal" to "Expedient" Flaked-stone Technologies
- 7-c Andrew Tremayne and Jeff Rasic—Lithic Debitage, Meaning and Technological Organization of the Denbigh Flint Complex: An Example from Matcharak Lake, Arctic Alaska
- 7-d Steven Goldstein—The role of vein quartz as a raw material in the prehistoric lithic industries of Long Island, New York
- 7-e Brooke Morgan and Metin Eren—Comparing the efficiency of bipolar reduction versus freehand knapping on small pebble cores: an experiment
- 7-f Stephen Phillips—Lithic Technological Strategies and Early Island Colonization in the Kuril Islands of Far Eastern Russia
- 7-g Patricia Hansell—The Evolution of Lithic Technologies during the Middle Ceramic Period, Gran Cocle, Panama
- 7-h Phillip Neusius and Seth Mitchell—Prehistoric Chert Extraction in the Mountains of Central Pennsylvania

**[8] SYMPOSIUM ■ CHALLENGES AND UNDERSTANDINGS OF AGRICULTURE SOUTH OF CEREN, EL SALVADOR**

**Room:** 302/303 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** Payson Sheets

**Chair:** Christine Dixon

**Participants:**

- 8:00 Christine Dixon—Rethinking Southeast Maya Agriculture: A view from the manioc fields of Cerén, El Salvador
- 8:15 George Maloof—Classic Maya Agriculture in Joya de Cerén: Platforms, Walkways & Other Cleared Areas
- 8:30 Payson Sheets—Seeking Durable Indicators of Manioc Processing: Obsidian Cutting Edges
- 8:45 Theresa Heindel—Seeking durable indicators of manioc processing: scrapers
- 9:00 Angela Hood and David Lentz—One Person's Trash is Another's Treasure: A Paleoethnobotanical Approach to Reconstructing Plant Use Practices at Cerén
- 9:15 Nan Gonlin and Christine Dixon—A Twist on the Tortilla: Manioc at Cerén and Its Implications for Mesoamerica
- 9:30 Federico Paredes, Margarita Cossich and Hector Neff—Drinking Chilate By The Tomb? A Public Funeral Covered With Ilopango (Tbj) Ash In Western El Salvador.
- 9:45 Marilyn Masson—Discussant



**[9] GENERAL SESSION ■ MAYA HOUSEHOLDS, COMMUNITIES, AND POLITICS— PART 1**

**Room:** 316 (CC)

**Time:** 8:00 AM–10:00 AM

**Chair:** Damien Marken

**Participants:**

- 8:00 Damien Marken—Mapping Maya Peripheries: Recent Settlement Research at El Peru-Waka', Guatemala
- 8:15 David Mixter and Angela Keller—Activity Under a Microscope: Microartifact Analysis of Two Elite Complexes at Actuncan, Belize
- 8:30 Brigitte Kovacevich, Michael Callaghan, Patricia Castillo and Melvin Rodrigo Guzman Piedrasanta—"Head of Stone": Archaeological Investigation at the Maya Site of Holtun, Guatemala
- 8:45 Christopher Andres, Jason J. Gonzalez and Shawn Morton—Architecture and Community Patterns at Tipan Chen Uitz, Cayo District, Belize
- 9:00 Sarah Kurnick—Political Authority among Ancient Maya Mid-Level Elites: 2010 Excavations at Callar Creek, Belize
- 9:15 Debora Trein—Research on Monumental Architecture at the Site of La Milpa, Belize
- 9:30 Amy Thompson, Keith Prufer and Douglas Kennett—Political Dynamics Reflected in Settlement Patterns and Household Archaeology at Uxbenká, Belize.
- 9:45 Cara Tremain—Utilization of Looters' Trenches at Structures D4 and D9, Ka'Kabish, Northern Belize

**[10] GENERAL SESSION ■ ARCHAEOLOGICAL METHODS**

**Room:** 305 (CC)

**Time:** 8:00 AM–10:15 AM

**Participants:**

- 8:00 Jesse Casana—Settlement Systems of the northern Fertile Crescent: Results from the Corona Imagery Atlas Project
- 8:15 Elizabeth Stone—Methods for recovering mud-brick architectural patterns from sub-meter satellite imagery: A case study from Iraq
- 8:30 Fabrizio Galeazzi and Paola Di Giuseppantonio Di Franco—3D digital stratigraphy at Çatalhöyük: a new methodology enhancing research and learning processes.
- 8:45 Elliot Blair and Rachel Cajigas—Mapping the Mission: An Integrated Geochemical and Geophysical Analysis of Site Structure at 17th-century Mission Santa Catalina de Guale
- 9:00 Ken Lawrence—A Recalibrated Geoarchaeological Framework of Texas
- 9:15 Carla Hadden and Kelly Orr—Lumping and Splitting: Measuring the Effects of Data Aggregation on Site Interpretation
- 9:30 Michael Schiffer—Saltations in Technological Change
- 9:45 Michael Deal—The Direct Historical Approach in North American Ethnoarchaeology
- 10:00 Walter Dodd—Ethnoarchaeological Study of Trash Deposited on City Streets

- [11] **SYMPOSIUM ■ CALIFORNIA I**  
(Sponsored by Society for California Archaeology)  
**Room:** 204 (CC)  
**Time:** 8:00 AM–10:30 AM  
**Organizer:** Terry Jones  
**Chair:** Jennifer Perry

**Participants:**

- 8:00 Kit Tyler—A Goodly Llande  
8:15 Terry Jones and Al Schwitalla—A Land of Many Seasons: Bioarchaeological Signatures of the Medieval Climatic Anomaly in central California  
8:30 Jon Erlandson—California Archaeology: A View from the Sea  
8:45 Kathleen Hull—A Land of Many People: Population Dynamics as Context and Catalyst  
9:00 John Johnson, Joseph Lorenz, Ripan Malhi, Tracey Pierre and Eske Willerslev—A Land of Diversity  
9:15 Brian Coddling and Douglas Bird—A Land of Work: Foraging Behavior and Ecology  
9:30 Matthew Des Lauriers—The Deep Waters of Fishing Technology: Terminal Pleistocene Shell Fishhooks from Isla Cedros, Mexico  
9:45 William Hildebrandt and Kelly McGuire—A Land of Prestige  
10:00 Jelmer Eerkens—California: A Land of Style  
10:15 Kathryn Klar and Terry Jones—A Land Visited: Reasserting the Case for Polynesian Contact in Southern California

- [12] **SYMPOSIUM ■ RATITE AND HUMAN INTERACTIONS IN THE ARCHAEOLOGICAL RECORD**  
**Room:** 304 (CC)  
**Time:** 8:00 AM–10:45 AM  
**Organizers:** Lisa Janz and Robert Elston  
**Chair:** Lisa Janz

**Participants:**

- 8:00 Pierre Jean Texier, Guillaume Porraz, Teresa Steele, Richard Klein and John Parkington—Human MSA exploitation of ostrich eggs at Diepkloof rock shelter  
8:15 G. L. Badam—Ratite and Human Interaction Symposium  
8:30 Esther Jacobson-Tepfer—The Appearance of Ostriches in Rock Art of Mongolia: Fauna and Paleoenvironment  
8:45 John Darnell—The Ostrich in Egyptian and Nubian Imagery  
9:00 Jillian Garvey, Judith Field, Brett Cochrane and Chris Boney—The role of the emu in Australian archaeology: modern butchery, ethnography, economic utility and nutritional quality  
9:15 Arthur Muir—Analysis of Predynastic Ostrich Eggshells from Hierakonpolis  
9:30 Gustavo Neme, Miguel Giardina, Seth Newsome and Adolfo Gil—Eggshells Stable Isotopes Tendencies and Human Exploitation in North Patagonia  
9:45 Stanley Ambrose, Marina Drigo, Polly Weissner and Philip Slater—Kalahari San ostrich eggshell stable isotope analysis: implications for reconstructing prehistoric exchange systems  
10:00 Lisa Janz—Radiocarbon dating of ratite eggshell as a means of dating archaeological sites  
10:15 Robert Elston—Discussant  
10:30 James O'Connell—Discussant

**[13] SYMPOSIUM ■ ANCIENT ECONOMIES OF ARABIA: NEOLITHIC TO EARLY ISLAMIC**

**Room:** 104/105 (CC)

**Time:** 8:00 AM–10:30 AM

**Organizers:** Marta Sobur and Crystal Fritz

**Chairs:** Crystal Fritz and Marta Sobur

**Participants:**

- 8:00 Marta Sobur—A survey of theoretical approaches to the study of ancient Arabian economies
- 8:15 Crystal Fritz—The economic role of elites in pre-Islamic southeastern Arabia
- 8:30 Peter Magee—The domestication of the dromedary camel and the organization of trade in ancient southwest Asia.
- 8:45 Emily Hammer, Peter Magee and Marc Händel—Iron Age Fortification Systems at a Trade Nexus in Coastal Southeast Arabia
- 9:00 Amber Zambelli, Peter Magee and Flemming Højlund—Reconsidering Maritime Trade in the Iron Age Gulf
- 9:15 Joy Mccorriston—Bronze Age economic diversity and newly documented settlement in the Southern Arabian Highlands
- 9:30 Michael Harrower—Geo-Economics of Water across Ancient Southern Arabia
- 9:45 Matthew Senn—Early-Middle Holocene Political Economies on the Margins: Incense Kingdom Formation among Nomads in Southern Arabia
- 10:00 Christopher Thornton—Indus-Mesopotamian Relations: The View from Southeastern Arabia
- 10:15 C.C. Lamberg-Karlovsky—Discussant

**[14] SYMPOSIUM ■ NEW THEORIES ON THE EMERGENCE OF SOCIAL COMPLEXITY IN THE MAYA AREA**

**Room:** 306 (CC)

**Time:** 8:00 AM–10:45 AM

**Organizers:** David Anderson and Nancy Peniche May

**Chair:** Sherman Horn

**Participants:**

- 8:00 Nancy Peniche May—Preclassic Public Architecture in a Secondary Site of Northwestern Yucatan: Structure 1714 of Xamán Susulá
- 8:15 Sherman Horn—Constructing Complexity: Architectural expansion and social development at Middle Preclassic Cahal Pech, Belize
- 8:30 Ana Maria Padilla—La Estructura 1729 “Keyhole- Shaped” de Xamán-Susulá, Yucatán, de Principios del Preclásico Tardío
- 8:45 Jaroslav Zralka, Bernard Hermes and Wieslaw Koszkul—New data on the Preclassic development of Nakum and Yaxha, Peten, Guatemala
- 9:00 Teresa Ceballos Gallareta, Thelma Sierra and Agustín Peña—Nuevas Aportaciones sobre Sitios Preclásicos del Cono Sur, Yucatán.
- 9:15 Justin Lowry and Traci Ardren—Village or City: Data from Late Preclassic Xuenkal Households
- 9:30 Mónica Rodríguez —“identifying early movement population Among the Preclassic Maya”.
- 9:45 Terry Powis—Defining Complexity in the Middle Preclassic: A View from Pacbitun, Belize
- 10:00 David Anderson—Cultural Identity Issues: Life in the Preclassic Northern Maya Lowlands

10:15 Joseph Ball—Discussant  
10:30 Fernando Robles—Discussant

**[15] SYMPOSIUM ■ RECENT ADVANCES REGARDING ANCIENT ADVANCES OF THE INCAS IN NORTHERNMOST CHINCHAYSUYU**

**Room:** 309/310 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizers:** Ronald Lippi and Alejandra Gudino

**Chair:** Alejandra Gudino

**Participants:**

8:00 Cesar Astuhuaman—The Inca network of provincial centers and roads within the Highlands of Piura, Northern Peru  
8:15 Theresa Topic and John Topic—The Inca Diffusion of the Catequil Cult to Ecuador  
8:30 Francisco Valdez—Evidence of the Inca presence in the Bracamoro country (South Eastern Andes of Ecuador)  
8:45 Karen Stothert—The Manteno-Guancavilca Accommodate the Inka State  
9:00 Jose Echeverria and Tamara Bray—At the End of Empire: The Late Imperial Site of Inca-Caranqui  
9:15 Ronald Lippi, Alejandra Gudino and Estanislao Pazmiño—Incas at the tropical forest site of Palmitopamba in northwestern Ecuador  
9:30 Colin McEwan—To have and to hold? Re-examining the Inca presence on the Pacific coast of Ecuador.  
9:45 Robert Thompson—Food Residues and Inca Lifeways at Palmitopamba, Ecuador  
10:00 David Brown, Mark Willis and Byron Camino—Standing at the edge of empire: the view from the tiniest Inka fort in Ecuador  
10:15 John Staller—San Catequilla de Pichincha: Lightning Huacas, Ancient Astronomy, and Inca Expansion  
10:30 Samuel Connell, Chad Gifford and Eric Fries—What Happens after You Resist The Inka Invaders for a Decade and They Sacrifice Everybody? You Get Colonized by the Spanish  
10:45 Catherine Julien—Discussant  
11:00 Frank Salomon—Discussant

**[16] SYMPOSIUM ■ EXPLORING SEX AND GENDER IN BIOARCHAEOLOGY**

**Room:** 202 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizers and Chairs:** Sabrina Agarwal and Julie Wesp

**Participants:**

8:00 Sabrina Agarwal—The Sex and Gender of Aging in Bioarchaeology  
8:15 Julie Wesp—Embodied Identity: examining gender through occupational analyses  
8:30 Adrienne Zihlman—Sex differences and gender roles: persisting issues in human evolution  
8:45 Christine White, Michael Spence and Fred Longstaffe—Gender and Isotopic Anthropology: Moving Beyond Diet and Status  
9:00 John Lukacs—Sex differences in oral health in prehistory: An evolutionary perspective  
9:15 Rachel Scott—Farmer, Warrior, Cleric, King: Multiple Masculinities in Early Medieval Ireland

- 9:30 Joanna Sofaer—Touching the Body. Performing Sex and Gender in Osteoarchaeology
- 9:45 Lori Hager—The Young and the Old: Sex-related Age Differences and Age-related Sex Differences
- 10:00 Sharon DeWitte—Sex and Frailty: Patterns from Catastrophic and Attritional Assemblages
- 10:15 Pamela Geller—Brave Old World: The Bioethics of Genetic Testing for Sex in Bioarchaeology
- 10:30 Molly Zuckerman—Mercury in the midst of Mars and Venus: Reconstructing gender and socioeconomic status in the context of mercury treatments for syphilis in early modern England (c. 1650-1864)
- 10:45 Sandra Hollimon—Bioarchaeological Approaches to Non-Binary Genders: Case Studies from Native North America
- 11:00 Rosemary Joyce—Discussant
- 11:15 Barbara Voss—Discussant

**[17] SYMPOSIUM ■ QUESTIONING ASSUMPTIONS: CELEBRATING THE WORK AND INFLUENCE OF JOHN D. SPETH, PART 1**  
**Room:** 307 (CC)  
**Time:** 8:00 AM–11:15 AM  
**Organizer:** Thomas Rocek  
**Chair:** Robert Kelly

**Participants:**

- 8:00 Rachel Caspari—Demography and the Middle/Upper Paleolithic Transition
- 8:15 John Hawks—Genetic Algorithm Simulations of Stone Tool Manufacture and Cultural Transmission
- 8:30 William Rendu, Sandrine Costamagno and Liliane Meignen—Neanderthal Hunting Strategies in Southwestern Europe, Variation and Adaptation
- 8:45 Aaron Stutz and Jamie Clark—Continuity Through Transitions: A Biocultural Evolutionary Perspective on Population Dynamics and Technological Change in the Upper Pleistocene
- 9:00 Robert Kelly—Demography and Climate in Northwestern Wyoming
- 9:15 Ashley Lemke, Kori Newlander, Andrew White and Lars E. Anderson—A Neanderthal's Thoughts on Paleoindians
- 9:30 B. Sunday Eiselt and John Ives—Kinship--The Unattended Dimension of Paleoindian Studies
- 9:45 Eugene Morin—Revisiting the Body Size Rule
- 10:00 Melinda Zeder—Poking the GooGoo: The Value of Being a Contrarian
- 10:15 Rasmi Shoocongdej—Late Pleistocene Forager Mobility Organization in Tropical Highland Pang Mapha, a Borderland between Thailand and Myanmar
- 10:30 Renato Kipnis—Amazonian Anthropogenic Soils' Antiquity at Upper Rio Madeira, Northwestern Amazon, and Its Implications for the Colonization of South American Neotropics
- 10:45 Stephen Dueppen and Daphne Gallagher—Seasonal Exploitation of Riverine and Aquatic Resources in the Iron Age West African Savanna
- 11:00 Milford Wolpoff—Discussant

**[18] SYMPOSIUM ■ THEORY, HISTORY, AND MULTIDISCIPLINARITY: PAPERS IN HONOR OF DON FOWLER**

**Room:** 313 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizer and Chair:** Nancy Parezo

**Participants:**

- 8:00 Nancy Parezo—Multidisciplinary Archaeology and the Production of Knowledge
- 8:15 James Snead and J. Jefferson Reid—From Hewett to Haury: Thoughts on Change and Continuity in Southwestern Archaeology in the 1930s
- 8:30 Stephen Nash—No Time Like the Old Time: Tree-Ring Dating, the History of Archaeology, and the Interpretation of Pre-Columbian History at Mesa Verde National Park
- 8:45 William Doelle—Anthropology “Off the Grid”
- 9:00 Heidi Roberts and Nikki Borchardt—When the Elders Speak, Just Listen
- 9:15 J. Andrew Darling and B. Sunday Eiselt—More Uses of the Past: Archaeology in the Service of the Tribe
- 9:30 Maria Zedeno—Archaeology, Legitimacy, and the Contemporary Indian Nation
- 9:45 Kelley Hays-Gilpin, Laurie Webster and Linda Cordell—Basketmaker Roots of Chaco Culture: In Praise of Collections Research
- 10:00 David Wilcox—Microcosm and Macrocosm in Southwestern Archaeology
- 10:15 Polly Schaafsma—Rock Art's Century and More: Discovery and Research in the Great Basin and Northern Southwest
- 10:30 Donald Hardesty and Eugene Hattori—The Evolution of Historical Archaeology in the American West
- 10:45 Linda Cordell—Discussant
- 11:00 Jeremy Sabloff—Discussant
- 11:15 Catherine Fowler—Discussant

**[19] SYMPOSIUM ■ CHEMICAL RESIDUE ANALYSIS IN ARCHAEOLOGY: METHOD DEVELOPMENT AND RESIDUE DIAGENESIS**

*(Sponsored by The Society for Archaeological Sciences)*

**Room:** 301 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Andrew Barker, Nora Reber and Steve Wolverton

**Chair:** Andrew Barker

**Participants:**

- 8:00 Barney Venables, Andrew Barker, Steve Wolverton and Stan Stevens—Non-targeted protein analysis in experimental ceramic artifacts
- 8:15 Stan Stevens, Barney Venables, Steve Wolverton, Andrew Barker and Kent Seeley—Development of Mass Spectrometry-based Methods for Protein Residue Analysis
- 8:30 Nora Reber—Discussant
- 8:45 Nora Reber and Matthew Kerr—Diagenesis and Soil-Sherd Interactions in Experimentally Produced Black Drink Residues
- 9:00 Sean Rafferty and Zuzana Chovanec—Recent research on alkaloid residues
- 9:15 Michael Gregg—Discussant
- 9:30 Hanneke Hoekman-sites—Resource Intensification in Early Village Societies: Dairying on the Great Hungarian Plain
- 9:45 Maria Ravielle, William Lovis, Gerald Urquhart and John Hart—The Affects of Alkali Processing on Maize Detectability in Carbonized Food Residues

- 10:00 Mary Malainey and Timothy Figol—Of Pots and Stones: The Contribution of Residue Analysis to the Functional Analysis of Vessels, Tools and Features
- 10:15 Steve Wolverton—Discussant
- 10:30 Michael Gregg—A pilot study and experimental program to improve the efficacy of stable carbon isotopes in categorizing organic residues from early pottery vessels
- 10:45 Noreen Tuross—Fire, Color and Drink: new approaches to residues
- 11:00 Stan Stevens—Discussant
- 11:15 Andrew Barker, Nora Reber and Steve Wolverton—Results of Round Robin Part II: Food Mixtures and Residue Diagenesis
- 11:30 Barney Venables—Discussant

**[20] SYMPOSIUM ■ GRAND ARCHAEOLOGY: LIFE ALONG THE BANKS OF THE COLORADO RIVER THROUGH GRAND CANYON**

**Room:** 308 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizer:** Ted Neff

**Chairs:** Ted Neff and Jan Balsom

**Participants:**

- 8:00 Jan Balsom, Lisa Leap and Jennifer Dierker—People, Place and Preservation in Grand Canyon National Park
- 8:15 Kim Spurr and Ted Neff—The Big Picture: An Introduction to Recent Archaeological and Geomorphic Research along the Colorado River in the Grand Canyon
- 8:30 Jim Collette—My Definition of Shinarump Can Beat Up Your Definition of Shinarump: Thoughts from the Eastern Grand Canyon
- 8:45 Kirk Anderson and Ted Neff—“Out of site” formation processes, geoarchaeology, and the archaeological record of Grand Canyon, Arizona
- 9:00 Joel Pederson and Gary O'Brien—Relating the dynamic changes of the Colorado River to 6000 years of human occupation through geoarchaeologic investigations at nine sites along the length of Grand Canyon
- 9:15 Jason Nez—Looking Up: A Native American archaeologist Perspective on Archaeology in the Grand Canyon
- 9:30 Susan Smith and Karen R. Adams—The Perishable Side of Archaeology: Plant Remains and Prehistoric Subsistence in the Grand Canyon
- 9:45 Brian Kranzler—Jewelry and Worked Stone Artifacts Along the Grand Canyon River Corridor
- 10:00 Donald Keller—The Log Kiva? Terminal Pueblo Occupation in the Eastern Grand Canyon
- 10:15 Charlie Webber and Jim Collette—Insights Into The Prehistoric Occupation at Furnace Flats As Seen From Arroyo 4, Grand Canyon National Park
- 10:30 Ian Hough and Ellen Brennan—Pre-Hispanic Architecture Of The Eastern Grand Canyon River Corridor: A Preliminary Evaluation
- 10:45 Ted Neff—Modeling the Past along the River Corridor: The View from the Results of the MNA/Grand Canyon National Park River Corridor Archaeology Project
- 11:00 Trinkle Jones—Discussant
- 11:15 Helen Fairley—Discussant
- 11:30 Alan Sullivan—Discussant

**[21] SYMPOSIUM ■ LOS OTOMÍES EN LA HISTORIA MESOAMERICANA**

**Room:** 203 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Diana Zaragoza and Mari Carmen Serra

**Chair:** Diana Zaragoza

**Participants:**

- 8:00 Patricio Davila —Los xi'oi de Guadalcázar, S. L. P., y su relación con los grupos de la región Huasteca
- 8:15 Lourdes Mondragon and Patricia Fournier—Arqueología e Historia de Tepetitlán: Asentamiento Otomí del Valle del Mezquital
- 8:30 Sol Rubin—El árbol de las maravillas en la cultura otomí
- 8:45 Jacques Galinier—Esplendor otomí - Un acercamiento transhistórico a su cosmovisión
- 9:00 Yolanda Lastra—Otomí language and history
- 9:15 Carlos Lazcano Arce and Jesús Lazcano—La identidad étnica de los habitantes prehispánicos del Valle Puebla-Tlaxcala. Su contrastación mediante el espacio domestic
- 9:30 Michael Spence, Christine White, Patricia Fournier and Fred Longstaffe—The Chapantongo Site: Oxygen Isotope Analysis and Epiclassic Population Mobility in the Valley of Mezquital
- 9:45 Enrique Garcia Valencia—Tejido en curva, la conexión otomí
- 10:00 Yoko Sugiura—In search of genetic identity of the human group in the Upper Lerma wetland, Central Mexico
- 10:15 David Wright—The role of Otomí speakers in pre-Hispanic central Mexican society
- 10:30 Elizabeth Brumfiel—How and why the Aztecs invented Otomí ethnicity
- 10:45 Lisa Overholtzer—Los Otomíes en Xaltocan, un caso de cambio étnico
- 11:00 Mari Carmen Serra—Archaeological Otomí Tlaxcala
- 11:15 Diana Zaragoza—Los otomíes en la huasteca
- 11:30 Jeffrey Parsons—Discussant

**[22] SYMPOSIUM ■ LITHIC TECHNOLOGY AND THE STATUS OF ROCKS IN ARCHAEOLOGY:  
A TRIBUTE TO GEORGE ODELL**

**Room:** 314 (CC)

**Time:** 8:00 AM–12:00 PM

**Organizer and Chair:** Michael Shott

**Participants:**

- 8:00 Simon Holdaway, Matthew Douglass and Rebecca Phillipps—Flake selection, assemblage variability and technological organization
- 8:15 Margie Burton and Jenny Adams—Ground Stone Tool Analysis: Contributions of a Use-Wear Approach
- 8:30 Briggs Buchanan, Mark Collard, Marcus Hamilton and Michael O'Brien—Investigating the relationship between early Paleoindian point form and prey body size
- 8:45 John Shea—What Difference does 1.3 Million Years Make? Lithic Evidence for Behavioral Variability in the Jordan Valley
- 9:00 Chen Shen, Xiaoling Zhang and Xing Gao—Middle Pleistocene Lithic Technology at the Zhoukoudian Locality 1 Peking Man site, China: New Insights from Stone Tools Use-Wear Studies
- 9:15 Steven Rosen, Aaron Shugar and Jacob Vardi—Wear, Attributes, and Types in Sickle Segment Analysis: Odellian Perspectives



- 9:30 Anna Prentiss and James Chatters—The Role of Lithic Technology in the Old Cordilleran Expansion: Cultural Macroevolution in the Early Holocene Pacific Northwest
- 9:45 William Andrefsky Jr. —Comparing Flake Tool Efficiency or What Won't Whittle Wood?
- 10:00 Nathan Goodale, George Jones and Dave Bailey—pXRF: A study of inter-instrument accuracy and precision
- 10:15 Philip Carr and Andrew Bradbury—An Organization of Technology Approach: Paradigm-Like or Jumble of Jargon?
- 10:30 Harry Lerner—Dynamic Variables and Use-Related Reduction of Huron Chipped Projectile Points
- 10:45 Grant McCall, Jonathan Thomas, Rachel Horowitz and Rebecca Taylor-Perryman—Comparing Forager and Pastoralist Technological Organization in the Central Namib Desert, Western Namibia
- 11:00 David Marshall, Juliet Morrow and Jeff Gatewood—Interpreting Dalton Point Function at the Sloan site (3GE94)
- 11:15 Judith Charlin, Karen Borrazzo and Marcelo Cardillo—Artifact and environmental related variations in Fuego-Patagonia (Argentina)
- 11:30 James Woods and John E. Clark—Experiment, Experience, and Lithic Analysis
- 11:45 Sylvie Beyries—Discussant

**[23] SYMPOSIUM ■ RECENT DEVELOPMENTS IN THE ARCHAEOLOGY OF SOUTHWEST CHINA AND SOUTHEAST ASIA**

**Room:** 311/312 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Jade D'Alpoim Guedes and Anke Hein

**Chair:** Anke Hein

**Participants:**

- 8:00 Mark Aldenderfer—Recent archaeological research on the Tibetan plateau
- 8:15 Rowan Flad—Historiography and the Topography of Archaeological Research in the Upper and Middle Yangzi Region
- 8:30 Richard Ehrich—The Neolithic Age in Sichuan
- 8:45 Kuei-chen Lin—Preliminary analysis of settlement patterns and economic networks in the Sichuan Bronze Age: An application of social-network methods
- 9:00 Anke Hein—Prehistoric Cultures of the Liangshan District - Disentangling Identities and Geographic Preconditions in a Multiregional Interaction Sphere
- 9:15 Fei Li, Qingsong Luo and Herong Zhang—A return to the flowers: A rethinking about the rock painting in Zuo river in Guangxi
- 9:30 Alice Yao—Shellmounds in the Heartland of the Dian polity
- 9:45 Tzehuey Chiou-Peng—Ancient Yunnan Metals in Current Studies of Bronze/Iron Age Asia
- 10:00 Pochan Chen—Exploring the spatial relationships of the Yangfutou cemetery, Yunnan, China
- 10:15 Christine Lee—Preliminary analysis of human skeletal remains from a Dian culture cemetery, Yunnan Province, China
- 10:30 Chin-hsin Liu and John Krigbaum—Biocultural Assessment of Metal Age Populations in Central Thailand with Respect to Social Status Differentiation
- 10:45 Nam Kim—Construction and Population Estimates for the Co Loa Site in Vietnam
- 11:00 David Welch and Judith R. McNeill—Late Prehistoric Landscape Transformations in the Phimai Region, Northeast Thailand
- 11:15 Debra Green—Environmental Change and Landscape Modification in the Pre-

- Colonial Visayan Islands of the Philippines  
11:30 Lothar von Falkenhausen—Discussant

**[24] SYMPOSIUM ■ SITUATING MATERIALITY: POWER AND OBJECTIFICATION IN THE INDIGENOUS AMERICAS**

**Room:** 315 (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers and Chairs:** Steven Kosiba and John Janusek

**Participants:**

- 8:00 Steven Kosiba—The Politics of Objectification: Converting Places and Constructing Subjects during Early Inka State Formation (Cusco, Perú)  
8:15 Scott Hutson—They Built the Road. Did the Road Build Them?  
8:30 John Monaghan—"We have, señor Viceroy, a most beautiful church:" The Creation of a Balkanized Political Landscape in Central Mexico  
8:45 Gary Urton—The Objectification of Identities, Places and Political Relations in the Inka Khipu  
9:00 Alison Kohn—Constructing Neighborhood Space and Political Populism in Peri-Urban La Paz, Bolivia  
9:15 Arthur Joyce—Social and Material Transformations of Monte Albán's Main Plaza after the Classic-Period Collapse  
9:30 Zachary Chase—Material and Spatial Performances of the Past in Huarochirí, Peru (ca. AD 1400-1700)  
9:45 Jeanne Lopiparo—Constructing Subjects, Destroying Objects: Materiality, Social Relations, and Placemaking at Currusté, Honduras  
10:00 John Janusek—Animate Monoliths and Emergent Authority in the Andean Lake Titicaca Basin  
10:15 Melissa Baltus, Sarah Otten and Timothy Pauketat—Elements of Ancient Power and Agency  
10:30 Mary Weismantl—Moche Ceramics as Political Actors  
10:45 Tamara Bray—Huacas, Ritual Commensality, and the Imperial Inca Agenda: Non-Human Persons as Political Agents in the Pre-Columbian Andes  
11:00 William Walker—Animation and Conversion in the Ancient Southwestsion Title  
11:15 Bruce Mannheim—The Inka ziqi system as social replicator  
11:30 Michael Dietler—Discussant  
11:45 Terence Turner—Discussant

**[25] SYMPOSIUM ■ WOOD IN ARCHAEOLOGY: LATEST DEVELOPMENTS FOR PAST SOCIETIES**

**Room:** 319 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Michelle Elliott and Claire Alix

**Chairs:** Claire Alix and Michelle Elliott

**Participants:**

- 8:00 Michelle Elliott and Claire Alix—What wood can tell us about past societies  
8:15 Cynthia Zutter—Tea, Medicines and Spruce...the role of Wood and Woody plants in Labrador Inuit Economies  
8:30 Emily McClung de Tapia and Carmen Cristina Adriano-Morán—Evidence for management practices in wood charcoal remains from the Teotihuacan Valley, Mexico  
8:45 Anne-Marie Faucher—Evolution wood procurement: a Middle Iron Age to Late

- Norse case study, Everley Broch, Caithness
- 9:00 Tim Schroedter—Charcoal analysis in SE Europe - human exploitation of wood resources
- 9:15 Minkoo Kim—Agroforestry in the Ancient Mahan States of Korea
- 9:30 Stéphanie Steelandt, Bhiry Najat and Marguerie Dominique—Environmental change and exploitation of wood resources by Paleo and Neo-Eskimos in Nunavik (Low-Arctic of Quebec, Canada).
- 9:45 Sonia Archila Montañez and Inés Cavelier—Wood use as fuel for pottery production in the Colombian Andean highlands
- 10:00 Laura Crawford, Claire Alix and Nancy Bigelow—Fuel Use in Thule Era Houses at Cape Espenberg, Northwest Alaska, AD 1200-1700
- 10:15 Doris Jansen and Oliver Nelle—Relationship between human influence and forest composition in the Neolithic – examples from the lowlands of northern Central Europe
- 10:30 Isabel Lemus-Lauzon, Najat Bhiry and James Woollett—Environmental changes and cultural changes in Labrador (Canada): paleoecology and traditional knowledge
- 10:45 Ernestina Badal, Michael Barton, Yolanda Carrión, and Margaret MacMinn-Barton—Reconstructing Past Landscapes From Charcoal. New Data From Middle Chevelon Creek (Arizona)
- 11:00 Paula Turkon and Michelle Elliott—Dendrochronology, Chronological Control, and Climate Reconstruction in Northwest Mesoamerica
- 11:15 Natasha Roy, Najat Bhiry and James Woollett—Environmental changes along the northern Labrador coast
- 11:30 Ronald Towner—Discussant

**[26] GENERAL SESSION ■ PALEOECOLOGY AND PALEOENVIRONMENTS OF THE NEAR EAST**

**Room:** 103 (CC)

**Time:** 8:45 AM–10:00 AM

**Chair:** Peter Biehl

**Participants:**

- 8:45 Peter Biehl, Ingmar Franz, David Orton, Sonia Ostaptchouk and Eva Rosenstock—Rethinking the Neolithic-Chalcolithic Transition in Central Anatolia
- 9:00 Rolfe Mandel and Alan Simmons—Geoarchaeology of Ais Giorkis, an Upland Early Aceramic Neolithic Site in Western Cyprus
- 9:15 Anna Wieser—Geoarchaeology of Former Marshland in the Lower Orontes River Valley, Syria
- 9:30 Alan Farahani and Benjamin Porter—Resource Exploitation of Fresh-water Crustacean Resources in a Semi-arid Environment: A case study from early Iron Age Jordan
- 9:45 Carrie Hritz, Jennifer Pournelle and Jennifer Smith—High Risk: Deltaic Resilience and the Genesis of Mesopotamian Cities (Iraq)

**[27] GENERAL SESSION ■ LANDSCAPES, MEMORY, AND PLACE**

**Room:** 316 (CC)

**Time:** 10:15 AM–11:45 AM

**Chair:** Michael Galady

**Participants:**

- 10:15 Michael Galaty, Lorenc Bejko, Maria Grazia Amore, Stanley Galicki and Zamir Tafilica—The Shkodër Archaeological Project, 2010

- 10:30 William Arnold—Running Around and Settling Down: Cultural Interactions and Identity along the Germanic Border during the Migration Period
- 10:45 Maria Cremonte and Beatriz Cremonte—Social Landscape during Inca Dominion in Northwest Argentina
- 11:00 Jake Anders—Rethinking upland "Places" in Aleutian Archaeology
- 11:15 Katherine Cook—Placing History: Landscape, Memory and Heritage in Archaeology
- 11:30 Katie Kirakosian—Getting Back to our Roots: Using Ethnography to Better Understand the Archaeological Record

**[28] GENERAL SESSION ■ MAYA COSMOLOGY AND ICONOGRAPHY**

**Room:** 317/318 (CC)

**Time:** 10:00 AM–12:00 PM

**Participants:**

- 10:00 Rex Koontz—Problems Left Unsolved: The Iconography of the Classic-Postclassic Transition in Eastern Mesoamerica from a Gulf Lowlands Perspective
- 10:15 Zachary Nelson and Antonio Prado Cobos—Ancient Maya Measurement System: Length
- 10:30 Joanne Baron—Classic Maya Deity Categories
- 10:45 Jennifer Weber and Terry Powis—Chasing Sacbes: Ritual Landscape Analysis at the Ancient Maya Site of Pacbitun, Belize
- 11:00 Jessica Wheeler—Cave and Cenote Iconography in the Maya Codices
- 11:15 Erin Pinkston—Symbolism of the Skull: A Case Study of Significance of Human Heads in Maya Termination Rituals
- 11:30 Ryan Collins—The Raised-Heel and Ritual Process
- 11:45 Garth Norman—2012 and Beyond: Origins at Izapa

**[29] GENERAL SESSION ■ STONE TOOL TECHNOLOGIES IN NORTH AMERICA**

**Room:** 302/303 (CC)

**Time:** 10:15 AM–12:00 PM

**Chair:** James Chatters

**Participants:**

- 10:15 Kathleen Holen—"It fits perfectly in my hand" and Other Affordances of Expedient Bone Tools
- 10:30 Emily Dean—Delineation of Site Chronology and Spatial Components Using Macroscopic Lithic Analysis at DhRp-52
- 10:45 James Chatters and Jason Cooper—Understanding Olcott, an Early Holocene Lithic Industry in Western Washington.
- 11:00 Jesse Krautkramer—Cultural Transmission, Style, and Continuous Variation Among North Central Sierra Nevada Projectile Points
- 11:15 Allison Byrnes and David Pedler—Technological Continuity and Site Use at 41CV115A, A Rockshelter in Coryell County, Texas
- 11:30 Frank Raslich—Implications of the Stylistic Effects of Population In-migration on Mississippian and Oneota Projectile Point Assemblages
- 11:45 Christian Gates St-Pierre—A Microwear Study of Late Woodland St. Lawrence Iroquoian Endsrapers

**[30] GENERAL SESSION ■ OF FAUNA, TOOLS, AND FOOD: ZOOARCHAEOLOGICAL ANALYSES IN NORTH AMERICA**

**Room:** 103 (CC)

**Time:** 10:30 AM–11:45 AM

**Chair:** Chrissina Burke

**Participants:**

- 10:30 Chrissina Burke—Beyond the Puncture: Examining the Relationships between Carnivore Feeding Behaviors and Modification Marks Present on Zooarchaeological Skeletal Remains
- 10:45 Kathryn Krasinski and Gary Haynes—Actualistic Research of Proboscidean Processing and Cutmark Production
- 11:00 Julie Byrd—Florida's Middle Archaic Bone Tools: Microwear Analysis and Experimental Replication
- 11:15 Kristen Fuld—Bone and Antler Tools on the Lower Columbia: A comparison of two contact period sites.
- 11:30 Ben Curry—Butchery Patterns of Alta California

**[31] POSTER SESSION ■ “WHO’S AN CHARGE HERE?” POLITICAL ORGANIZATION AND SOCIAL DIFFERENTIATION IN RURAL SOUTHEAST MESOAMERICA**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Organizer and Chair:** Ellen Bell

**Participants:**

- 31-a Ellen Bell, Cassandra R. Bill and Marcello A. Canuto—Who's at the Top in a 'Top-Down' Approach?: Social Differentiation and Administrative Strategies in the El Paraíso Valley, Department of Copan, Honduras
- 31-b Erlend Johnson—Entrance Structures and Their Uses and Meanings: a look at Entrance Structures from Three Sites in the Southeastern Mesoamerican Area
- 31-c David Rogoff—Social Capital Exchange in the Classic Period El Paraíso Valley, Honduras
- 31-d Mary Hostenske—Life in a Liminal Zone: Intermediate Elites at Late Classic Los Naranjitos in the El Paraíso Valley, NW Honduras
- 31-e Leigh Anne Ellison—An Intrasite Analysis of Household Clusters at Las Canoas, Honduras
- 31-f Michelle Kittel, Catalina López, Rebecca Jarrett and Melissa Muñoz—The Settings of Power and Prestige: Elite Architecture at Los Naranjitos, El Paraíso Valley, Western Honduras
- 31-g Jenica Szirmay, Lauren Hall, Jasmin Valenzuela and Cassandra R. Bill—This Old Thing?: The Use of Elite Material Culture in Strategies of Affiliation and Domination at Los Naranjitos, El Paraíso Valley, Western Honduras
- 31-h Whitney Goodwin and E. Christian Wells—Administered, Non-market Trade in Postclassic Mesoamerica: Observations from Roatan Island, Honduras
- 31-i Alejandro Figueroa—Examination of Site and Settlement Patterns in the Bay Islands of Honduras through GIS Analysis

**[32] POSTER SESSION ■ ARCHAEOLOGY OF LATIN AMERICA**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 32-a Dennis Lewarch—Spatial Distribution Patterns of Late Postclassic Domestic

- 32-b Middles, Coatlan del Rio Valley, Morelos, Mexico  
Ronald Faulseit—An Early Postclassic Domestic Terrace at Dainzú-Macuilxóchitl, Oaxaca, Mexico
- 32-c Harold Baillie—Late Classic Rio Viejo
- 32-d Verity Whalen—Architecture and status at a Late Nasca community: Preliminary excavations at Cocahuishcho
- 32-e Willem VanEssendelft—Deciphering the Tizoc Stone
- 32-f Tawny Tibbits—Ground Stone Tools at San Estevan, Belize: A Petrographic and Distributional Analysis.
- 32-g Kira Mullen—The Anthropogenic Landscape: Terrace Construction Methods in the Mixteca Alta Region of Oaxaca, Mexico

**[33] POSTER SESSION ■ INSPIRING COLLABORATIVE RESEARCH AT PISANAY, PERU**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Organizer:** Jo Burkholder

**Chair:** Peter Killoran

**Participants:**

- 33-a Marilyn Winkley and Peter Killoran—Forensic Facial Reconstructions from Pisanay, Peru
- 33-b Monica Wilson—Something old, something new: Differential GPS technology and the mapping of ancient architectural features
- 33-c Peter Killoran and Mirza Nelba Del Castillo Salazar—A Preliminary Report on the Burials Recovered from the Pisanay Site in the Sihuas Valley, Peru.
- 33-d Jo Burkholder and Erika Simborth Lozada—Putting Interdisciplinary Work at Pisanay, Peru in Context

**[34] POSTER SESSION ■ MAYA ARCHAEOLOGY**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 34-a David Hyde and Fred Valdez—Social Memory at an Eastern Maya Lowlands Hinterland Community: Pots and Burials at the Medicinal Trail Site
- 34-b Chelsea Fisher—Landscapes of Ambition: Understanding Classic Maya Ceremonial Centers as Political History
- 34-c Valorie Aquino, Keith Prufer and Douglas Kennett—Using Bayesian Statistics to Refine Chronology Building at Uxbenka
- 34-d Julie Hoggarth—Commoner Resilience in the Classic to Postclassic Transition: Settlement and Households at Baking Pot, Belize
- 34-e David Maxwell—Marine Invertebrates from Caches and Problematical Deposits at Tikal, Guatemala
- 34-f Jason Whitaker—Ancient Maya Household Economy: An Example from Operation 11 at the Medicinal Trail Site in Northwest Belize

**[35] POSTER SESSION ■ PALEOETHNOBOTANICAL STUDIES**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 35-a Meghan Raebel—Inka and Tiwanaku Plant use at the site of Tiwanaku, Bolivia
- 35-b Chia-Chin Wu and Christine Hastorf—Identification of tuber processing methods:

- parenchyma studies from Fromative Chiripa, Bolivia
- 35-c Elizabeth McHone—Paleoethnobotany at Cerro Trapiche, Moquegua, Peru
- 35-d Jammi Ladwig—Geometric Morphometrics Applied to Grass Phytoliths
- 35-e Paul Szpak, Jean-Francois Millaire, Fred Longstaffe and Christine White—Effects of Seabird Guano Fertilization on the Stable Isotope Composition and Growth of Maize (*Zea mays*): Results from a Controlled Study
- 35-f Alston Thoms, Andrew R. Laurence, Masahiro Kamiya and Vaughn M. Bryant, Jr—Experimentally Tracking Geophyte Microfossils from Raw to Baked-Residue Status
- 35-g Elise Alonzi, Mark Schurr, Cheryl Ann Munson and Susan Spencer—Stable Carbon-Isotopes and Maize Consumption in Caborn-Welborn Villages
- 35-h Andrew Laurence and Alston Thoms—Microscopic Revelations from Pre-Columbian Earth Ovens in Central Texas
- 35-i Anthony Taylor and Robyn Crook—Assessing the Contribution and Ascribed Status of Floral Resource Collection to Paleo-diets in the Great Basin
- 35-j Timothy Riley and Phillip Johnson—A Microbotanical Analysis of an Umu Feature from Fatumafuti, Tutuila, American Samoa
- 35-k William Whitehead—Paleoethnobotany at Cerro Mejia, a Middle Horizon site the Moquegua, Peru region
- 35-l Gyoung-Ah Lee—Archaeological Perspective on Origins of Azuki Bean (*Vigna angularis* ssp. *angularis*)

**[36] POSTER SESSION ■ PROCESS AND CHANGE IN PREHISTORIC SOCIO-NATURAL SYSTEMS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Organizers:** Jacob Freeman and Will Russell

**Chair:** Will Russell

**Participants:**

- 36-a Loni Kantor—The Materiality of Huichol Costumbre
- 36-b Isaac Ullah, C. Michael Barton, Sean M. Bergin and Alexandra E. Miller—Simpler is better: lessons from modeling coupled human and natural systems in the Mediterranean Landscape Dynamics Project
- 36-c Sean M. Bergin, Isaac Ullah, C. Michael Barton, Hessam Sarjoughian and Gary Mayer—Simulating Neolithic Landscape Dynamics: A Coupled ABM-GIS Model of Agro-Pastoral Systems in Eastern Spain
- 36-d Destiny Crider—Ceramic Pastes, Past Connections, and Social Reorganization: Epiclassic and Early Postclassic Interaction in the Basin of Mexico
- 36-e Robin Cleland and Ben A. Nelson—Resource Depletion and Food Supply at La Quemada: A Zooarchaeological Approach
- 36-f Will Russell—The Terminal Hohokam Classic Period as a Revitalization Movement
- 36-g Christopher Caseldine—Social Irrigation: An Analysis of Irrigation Usage and Management Characteristics.
- 36-h Garrett Trask and Matthew Peeples—Ceramic Design and Changing Scales of Social Interaction across the Cibola Region: A.D. 1150-1325
- 36-i Nathan Dollar—Possible Alternatives to Agricultural Intensification in Texas
- 36-j Paul Shockey—Having the Choice: Thermal Resistance and PIXE Analyses of Woodland Period Ceramics
- 36-k Jacob Freeman—Patterns of Crop Species Richness in Agricultural Systems: Implications for the intensification of farming

- [37] **SYMPOSIUM ■ CURRENT RESEARCH ON THE MIDDLE/NORTHERN RIO GRANDE CLASSIC PERIOD**  
**Room:** 204 (CC)  
**Time:** 10:45 AM–12:00 PM  
**Organizers:** Robin Cordero and Scott Worman  
**Chair:** Robin Cordero

**Participants:**

- 10:45 Eric Blinman, H. Wolcott Toll and Steve Lakatos—The Galisteo Basin and the Perception of the Classic Period in the Northern Rio Grande  
11:00 Catrina Whitley—Ash And Smoke: Classic And Coalition Mortuary Ritual In The Northern Rio Grande  
11:15 Robin Cordero—Tiguex Mortuary Practices: Continuity and Migration in the Albuquerque Basin during the Northern Rio Grande Classic  
11:30 Scott Worman—Agricultural Landscapes of the Classic Period  
11:45 Richard Chapman—Discussant

- [38] **GENERAL SESSION ■ TRADE AND MIGRATION IN MESOAMERICA**  
**Room:** 305 (CC)  
**Time:** 10:45 AM–12:00 PM  
**Chair:** Amy Hirshman

**Participants:**

- 10:45 David Williams—Identifying Change Through Time: Technological, Functional, and Exchange Analysis of Chipped Stone Artifacts from Coastal Oaxaca, Mexico  
11:00 Sarah Barber, Devin White and Allison Matos—Modeling Coastal Trade in Precolumbian Oaxaca  
11:15 Amy Hirshman and Christopher J. Stawski—Paddlers and porters: moving Late Postclassic Tarascan ceramics to market  
11:30 Gavin Davies, Willem VanEssendelft and Scott Hutson—Migrants or Misers? Investigating function, duration and prosperity at mound groups along the Uci to Kansahcab sacbe in Northern Yucatan  
11:45 Haley Holt—Enclave or Emulation?: Identifying and Investigating Zapotec Presence in the Tula Region of Central Mexico

- [39] **GENERAL SESSION ■ LAND USE, RESOURCE CONTROL, AND POWER IN PERU AND CHILE**  
**Room:** 304 (CC)  
**Time:** 11:00 AM–12:00 PM  
**Chair:** Colleen Zori

**Participants:**

- 11:00 Allison Vincent—Textile production in the Central Coast of Peru during the early intermediate period: Analysis of their political implications  
11:15 Benjamin Vining—Rural Land-Use dynamics and the Tiwanaku State in the Suches Basin, Southern Peru  
11:30 Nicola Sharratt—Tiwanaku state fragmentation and domestic practice; collapse phase households in the Moquegua Valley, Peru  
11:45 Colleen Zori and Erika Brant—Landscapes of Conflict and Resolution: Warfare, Ritual and Trade in the Late Intermediate Period (AD 1000-1450) in the Quebrada de Tarapacá, Northern Chile



**Thursday Afternoon ■ March 31, 2011**

**[40] GENERAL SESSION ■ MAYA HOUSEHOLDS, COMMUNITIES, AND POLITICS: PART 2**

**Room:** 316 (CC)

**Time:** 1:00 PM–2:45 PM

**Chair:** Meaghan Peuramaki-Brown

**Participants:**

- 1:00 Ethan Kalosky and Keith Prufer—Settlement and Ecology at the Classic period Maya center of Uxbenka'
- 1:15 Meaghan Peuramaki-Brown—Ancient Maya Civic Integration: The case of Site 007 at Buenavista del Cayo, Belize
- 1:30 Helen Haines—Curiouser and Curiouser: A Glimpse into the Early History of Ka'Kabish, Belize
- 1:45 Kendall Hills—From Space to Place: A Developmental Analysis of the Epicentral Court Complex at the Ancient Maya Center of Minanha, Belize
- 2:00 Robyn Dodge—Preliminary Analysis of Maya Household and Commoner Ritual Activities at Hun Tun, Belize
- 2:15 Stephanie Simms—Rooms with a View: The Organization of Domestic Space on a Puuc Maya Hilltop
- 2:30 Maxime Lamoureux St-Hilaire—The Last Inhabitants of Minanha: Examining the Differential Abandonment of an Ancient Maya Community

**[41] SYMPOSIUM ■ REFLECTIONS OF THE SOUL: MIRRORS IN THE PREHISPANIC WORLD**

**Room:** 309/310 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizer:** Emiliano Gallaga

**Chair:** Marc Blainey

**Participants:**

- 1:00 Emiliano Gallaga—The way to make a mirror, an experimental archaeology project
- 1:15 Fabian Marcelo Zamora—intercambio ritual y poder en significación: miradas desde el proceso productivo de la pirita
- 1:30 Marc Blainey—Techniques of Luminosity: Iron-Ore Mirrors as Evidence of Shamanistic Practice among the Ancient Maya
- 1:45 Gregory Pereira—The utilization of pyrite mirrors during the early classic period: a contextual perspective
- 2:00 Emiliano Melgar, Emiliano Gallaga and Reyna Solis—Manufacturing Techniques of Pyrite Inlays in Mesoamerica
- 2:15 Joseph Mountjoy—Iron Pyrite Ornament Symbolism in the West Mexican Middle Formative
- 2:30 John J. McGraw—Stones of Light: The Use of Crystals in Maya Divination
- 2:45 Karl Taube—Discussant

**[42] GENERAL SESSION ■ ARCHAEOLOGY OF THE NORTH ATLANTIC**

**Room:** 304 (CC)

**Time:** 1:00 PM–3:00 PM

**Participants:**

- 1:00 Lisa-Marie Shillito and Oliver Craig—Feeding Stonehenge: provisioning henges and households in southern Britain in the 3rd millennium BC
- 1:15 Jim Leary—Authoring the Mound. Recent work at Silbury Hill, UK
- 1:30 Christopher Roberts and Sean M. Bergin—Complex objects, entangled lives: using Germanic animal art as a record of culture contact in early medieval England.
- 1:45 Alexis Jordan—A Preliminary Study of Iron Age Glass in Ireland
- 2:00 Marina Vohberger, Joris Peters, Claus von Carnap-Bornheim, Olaf Nehlich and Gisela Grupe—Ecology and Economy in the settlements of Viking Haithabu and Medieval Schleswig: an isotopic perspective
- 2:15 Amanda Schreiner, John Steinberg, Douglas Bolender and Thomas McGovern—Zooarchaeology of the Viking Age and Later in Skagafjörður
- 2:30 Michele Smith—Time Warp: Women, weaving, and wool in Iceland 900-1800 AD
- 2:45 Kevin Smith, Michele Smith and Thomas Urban—Deep in the Glaciermen's Domain: archaeological investigations by the Haffenreffer Museum at Gilsbakki, western Iceland, 2008-2010

**[43] GENERAL SESSION ■ DISCUSSIONS IN ARCHAEOLOGICAL THEORY**

**Room:** 305 (CC)

**Time:** 1:00 PM–3:00 PM

**Chair:** Daniel Pugh

**Participants:**

- 1:00 Matt Grove—Viable generalists? A single locus model of variability selection
- 1:15 Elizabeth Mullane—Identity as an Emergent Property: An Iron Age India Case Study
- 1:30 Peter Richerson, Charles Efferson and Robert Bettinger—Lotka Volterra models of hunting and gathering with techno-social evolution
- 1:45 Douglas Charles—Two-timing Archaeologists
- 2:00 Daniel Pugh—Ethnogenesis and the Flux Capacity of Tribal Societies
- 2:15 Paul Bingham and Joanne Souza—The Unique Power of the North American Record Allows Tests of a New Theory of Social Evolution
- 2:30 Kellam Throgmorton—Practice Theory and the Study of Ground Stone
- 2:45 William Graves—Michel Foucault, Antonio Gramsci, and the Hohokam

**[44] THE ETHICS BOWL**

**Room:** 203 (CC)

**Time:** 1:00 PM–3:00 PM

**[45] FORUM ■ MULTIPLE DATA AND ACCESS: EFFECTIVE MEANS OF INTEGRATING ARCHAEOBOTANICAL DATA IN BROADER ARCHAEOLOGICAL RESEARCH PROJECTS**

**Room:** 103 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** Christine Hastorf and Katherine Chiou and Alan Farahani

**Chairs:** Shanti Morell-Hart and Katherine Chiou

**Participants:**

Marijke van der Veen—Discussant

Amber Vanderwarker—Discussant  
Stefanie Jacomet—Discussant  
Dorian Fuller—Discussant  
Robin Torrence—Discussant  
Judith Field—Discussant  
Alexia Smith—Discussant  
Matthew Sayre—Discussant  
Naomi Miller—Discussant

**[46] SYMPOSIUM ■ THE CEDAR MESA PROJECT TURNS 40: NEW RESULTS FROM A LONG-LIVED STUDY IN SE UTAH**  
**Room:** 104/105 (CC)  
**Time:** 1:00 PM–3:00 PM  
**Organizer:** William Lipe  
**Chair:** RG Matson

**Participants:**

1:00 Emily Holstad, Paul Scott, William Lipe and John G. Jones—Basketmaker II Stone Boiling and the Enhancement of Maize Protein Availability at Cedar Mesa, Utah: An Experimental Study  
1:15 Brian Chisholm, R. Kyle Bocinsky and Brian M. Kemp—Basketmaker III Turkey Husbandry: Multiple Lines of Evidence  
1:30 RG Matson and William Lipe—Two Chaco-style Great Houses on Cedar Mesa—with Kayenta Pottery?  
1:45 Natalie Fast—How Great Were the Cedar Mesa Great House Communities?  
2:00 Jonathan Till and Winston Hurst—Geography, Society, and Cosmology in the Puebloan Northwest: Monumental Features on Cedar Mesa, Utah  
2:15 William Lipe and Donna Glowacki—A Late Pueblo II Period "Surge" of Kayenta Ceramics into Southern Utah  
2:30 Sharyl Kinnear-Ferris—Hopi pottery in the Southern Utah canyon country  
2:45 Catherine Cameron—Discussant

**[47] SYMPOSIUM ■ METHODOLOGIES IN THE STUDY OF SEALS AND SEALING**  
**Room:** 319 (CC)  
**Time:** 1:00 PM–3:15 PM  
**Organizer:** Marta Ameri  
**Chair:** Gregg Jamison

**Participants:**

1:00 John Nolan—Sealings and Seals from Pyramid Age Egypt  
1:15 Sarah Scott—Slave Labor: Uruk Cylinder Seal Imagery and Early Writing  
1:30 Sarah Costello—Methodologies in the Study of Seals and Sealing  
1:45 Marta Ameri—Seals, Sealing and Regional Identity in the Harappan World  
2:00 Gregg Jamison—Understanding Indus Seal Carving Traditions: A Stylistic and Metric Approach  
2:15 Adam Green—Operational Sequences, Style, and Seals: Approaching Communities of Practice in the Indus Civilization  
2:30 Steffen Laurén—Gulf and Dilmun Type seals: The Post-Harappan life of the Indus valley seals tradition, c. 2100 – 1600 BC.  
2:45 John Younger—Minoan-Mycenaean Sealstones: Understanding Chronology and Function  
3:00 Marta Ameri—Discussant

**[48] SYMPOSIUM ■ CALIFORNIA II**  
(Sponsored by Society for California Archaeology)  
**Room:** 204 (CC)  
**Time:** 1:00 PM–3:15 PM  
**Organizer:** Terry Jones  
**Chair:** Jennifer Perry

**Participants:**

- 1:00 Daniel Murley and Sandra Hollimon—The Archaeology of Native Californian Gender Systems
- 1:15 Lynn Gamble—A Land of Power: The Materiality of Wealth, Knowledge, Authority, and the Supernatural
- 1:30 Mark Allen—California: A Land of Violence
- 1:45 David Robinson—A Land of Boundaries
- 2:00 Adrian Praetzelis and Mary Praetzelis—California: Land of Inequality
- 2:15 Barbara Voss—A Land of Ethnogenesis
- 2:30 Desiree Martinez—A Land of Many Archaeologists: Archaeology For, By, and With Descendant Communities
- 2:45 Tsim Schneider, Sara Gonzalez, Kent Lightfoot, Lee Panich and Matthew Russell—A Land of Cultural Pluralism: Case Studies from California's Colonial Frontiers
- 3:00 Tamara Whitley and David Whitley—Visions Past and Present in Native California

**[49] SYMPOSIUM ■ CHOSEN WOMEN OF THE INKA**  
**Room:** 302/303 (CC)  
**Time:** 1:00 PM–3:00 PM  
**Organizer and Chair:** Anne Tiballi

**Participants:**

- 1:00 Anne Tiballi—Expressions of Ethnic Identity Within an Inka State Institution: The Acllas of Pachacamac
- 1:15 Brittney Tatchell—Identifying the chosen women of the Inka: A biological profile of aclla crania from Pachacamac, Peru
- 1:30 Bethany Turner—Locating the aclla: Isotope bioarchaeology and the reconstruction of Inka social class
- 1:45 Virginia Ebert—Acllawasi: Structuring Chosen Women in the Inka State
- 2:00 Grace Katterman—Puruchuco Garments from the Time of the Conquest
- 2:15 Flannery Surette—On Convents and Acllawasis—Spanish Analogies and the Policies of Imperial Assimilation
- 2:30 Di Hu—Weaving for the Sun and the Son: a comparison of production and control in the Inka acllawasi and the Spanish obraje
- 2:45 Cathy Costin—Discussant

**[50] SYMPOSIUM ■ PATHS OF INQUIRY: PERSPECTIVES ON THE STUDY AND MANAGEMENT OF TRAILS IN THE WESTERN UNITED STATES**  
**Room:** 317/318 (CC)  
**Time:** 1:00 PM–3:00 PM  
**Organizers:** Stacey Jordan and Stacie Wilson  
**Chair:** Stacey Jordan

**Participants:**

- 1:00 Sarah Schlanger—Developing and Applying Consistent Management Practices for National Historic Trails
- 1:15 Stacie Wilson—Mapping and tracking trails: GIS and the BLM national historic

- trails project
- 1:30 Adriane Fowler—Evaluating Historic Setting Integrity of National Historic Trails
- 1:45 Jeremy Call—Setting the scene: visual resources analyses of National Historic Trail scenic quality and scenic integrity
- 2:00 Stacey Jordan—"The Trail is Not a Trail": cultural resources inventories in the BLM National Historic Trails project
- 2:15 Heather Gibson and Rebecca Apple—The Search for a Historic Trail
- 2:30 Tanya Wahoff and Jamie Cleland—Native American Trails of the American Southwest
- 2:45 Andrew L. York—The Royal Road: Evolution of El Camino Real on Marine Corps Base Camp Pendleton, California

**[51] GENERAL SESSION ■ POLITICAL AUTHORITY AND ELITE STATUS IN MESOAMERICA**

**Room:** 316 (CC)

**Time:** 3:00 PM–5:00 PM

**Chair:** M. Brown

**Participants:**

- 3:00 M. Brown, Leah McCurdy and Jennifer Cochran—Recent Investigations at the site of Xunantunich, Belize
- 3:15 Janine Pliska—Chieftdom Development at Cerro Juan Díaz: a Mortuary Analysis
- 3:30 Lynne Lowe, Bruce R. Bachand and Thomas A. Lee—Amber, Pearl, Jade and Pyrite: Middle Formative Funerary Ornaments from Chiapa de Corzo, Chiapas, Mexico
- 3:45 Bradley Ensor—The Crafting of Maya Kinship
- 4:00 Jerald Ek—Political Intrigue in the Realm of Chakanputun: Warfare and Political Centralization during the Postclassic Period in Champotón, Campeche
- 4:15 Stephen Whittington—Intersections of Archaeology and History at Teozacoalco in the Mixteca Alta
- 4:30 Bryce Davenport—Caves, courts, and countrysides: spatial rhetoric in West Mexican colonial manuscripts
- 4:45 Adam Sellen—Murky Waters. Revisiting the Looting of the Sacred Cenote of Chichén Itzá, Yucatán

**[52] SYMPOSIUM ■ NEW PERSPECTIVES ON THE HOHOKAM**

**Room:** 313 (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Jeffery Clark and Douglas Craig

**Chairs:** Douglas Craig and Jeffery Clark

**Participants:**

- 1:00 Brett Hill, Patrick Lyons, Jeffery Clark and William Doelle—Coalescence, Core Decay and Hohokam Collapse
- 1:15 Jerry Howard—Issues of Collapse in Classic Period Hohokam Irrigation Systems
- 1:30 John McClelland and Lorrie Lincoln-Babb—Assessing Bioarchaeological Evidence for a Demographic Collapse in the Lower Salt River Basin
- 1:45 Douglas Craig and John Marshall—Architectural Visibility and Population Dynamics in Late Hohokam Prehistory
- 2:00 Patrick Lyons, Jeffery Clark and Brett Hill—Kayenta Immigrants in the Hohokam "Hinterlands" and their Descendants in the Heartland
- 2:15 Glen Rice and Christopher Watkins—A Critical Assessment of Late Prehistoric Kayenta In-Migration in Central Arizona
- 2:30 Anna Neuzil—What the End Looks Like from Out Here: the View from the Safford

- Valley
- 2:45 Jeffery Clark, Steven Shackley, Robert Jones and Stacy Ryan—Through Volcanic Glass: Measuring the Impact of Ancestral Puebloan Immigration on the Hohokam World
- 3:00 Henry Wallace and Michael Lindeman—Competition and Cooperation: Late Classic Period Aggregation in the Southern Tucson Basin
- 3:15 Paul Fish and Suzanne Fish—Convergence, Continuity, and Change: A View from the Tucson Basin
- 3:30 Chris Loendorf and Barnaby Lewis—Continuity and Change from the Prehistoric to Historic Periods along the Middle Gila River in Southern Arizona
- 3:45 David Abbott—Discussant
- 4:00 David Doyel—Discussant

**[53] SYMPOSIUM ■ QUESTIONING ASSUMPTIONS: CELEBRATING THE WORK AND INFLUENCE OF JOHN D. SPETH, PART 2**  
**Room:** 307 (CC)  
**Time:** 1:00 PM–4:15 PM  
**Organizers:** Thomas Rocek and Alison Rautman  
**Chair:** Alison Rautman

**Participants:**

- 1:00 Christopher Carr and Robert McCord—Fantastic Creatures of Ohio Hopewell Cosmoses
- 1:15 Ben Fitzhugh and Debra Gold—On Delayed Social-political Responses to Subsistence Intensification: Comparisons from the North Pacific and Mid-Atlantic
- 1:30 Alex Barker—Is More Enough? Population, Resources and the Problem of Sufficiency: Three Cases from the Southeastern US
- 1:45 Patrick Livingood—Centering Mounds for the Red River Caddo
- 2:00 Chip Wills—Reconsidering the Pueblo Alto Community: A Geospatial Perspective
- 2:15 Michelle Hegmon and Paul Minnis—The Local Context of Long Distance Exchange: Mimbres and Casas Grandes
- 2:30 Thomas Rocek—Housing on the Periphery: Pithouse Change and Variation in Late Prehistoric Southeastern New Mexico
- 2:45 Julie Solometo, Alison Rautman and Matthew Chamberlin—Assumptions, Expectations, and the (Apparent) Reality of 12th and 13th Century Village Life in Central New Mexico
- 3:00 Katherine Spielmann—Forager-Farmer Interaction in North America
- 3:15 Rebecca Dean—Sheep Kills and Shell Counts: The Historical Ecology of Contemporaneous Foragers and Farmers in Neolithic Portugal
- 3:30 Severin Fowles—The Art of War in Eighteenth Century Taos
- 3:45 Heather Trigg and Kurt Anschuetz—A View of La Cienega: At the Intersection of the Iberian, Tewa, and Keres Worlds in Seventeenth-Century New Mexico
- 4:00 Richard Ford—Discussant

**[54] SYMPOSIUM ■ CURRENT RESEARCH AND APPROACHES TO THE ARCHAEOLOGY OF COMMUNITIES CENTRAL AND NORTHEAST ASIA**  
**Room:** 311/312 (CC)  
**Time:** 1:00 PM–4:30 PM  
**Organizers and Chairs:** Joshua Wright and James Williams

**Participants:**

- 1:00 Joshua Wright—Interactionist Perspectives in Inner Asia

- 1:15 Julia Clark and Jean-Luc Houle—Exploring Communities in Central Mongolia: An Ethnoarchaeological Perspective
- 1:30 Michael Frachetti—Expanding worlds and local Bronze Age communities along the Inner Asian Mt. Corridor
- 1:45 Erik Johannesson—Identity, Death, and Commemoration: An Analysis of Xiongnu Mortuary Practice
- 2:00 Alicia Ventresca—Social Organization in the Eurasian Bronze Age: A Bioarchaeological Approach to the Study of Communities
- 2:15 Rebecca Beardmore—An approach to understanding change in the late Bronze and early Iron Age communities of Kazakhstan through geoarchaeology and phytolith analysis
- 2:30 Ursula Brosseder—Xiongnu and Elite. Toward an understanding of networks
- 2:45 Bryan Miller—Comparative analyses of hinterland communities: a multi-scalar investigation of Iron Age political networks in Eastern Inner Asia
- 3:00 Claudia Chang—Revisiting Iron Age Landscapes in the Semirechye Region of southeastern Kazakhstan
- 3:15 Robert Spengler—Paleoethnobotanical Studies in Eastern Kazakhstan: the Bronze and Iron Age Interface
- 3:30 Jan Bemmann—The Orkhon Valley – Center of several Medieval Steppe Empires. The Testimony of the Archaeological Record
- 3:45 Daniel Rogers—Settlements and Community in the Dynamics of Inner Asian Empires
- 4:00 James Williams—Regional Survey and Communities in China
- 4:15 Esther Jacobson-Tepfer—Discussant

**[55] SYMPOSIUM ■ BRIDGING THE U.S.-CANADIAN BORDER: THE ANTHROPOLOGICAL ARCHAEOLOGY OF NORTHERN IROQUOIAN PEOPLES**

**Room:** 306 (CC)

**Time:** 1:00 PM–4:45 PM

**Organizer and Chairs:** Eric Jones

**Participants:**

- 1:00 Crystal Forrest—Cross-border Interaction in Iroquoian Bioarchaeological Investigations
- 1:15 John Creese—Growing Pains: Spatial Dimensions of Northern Iroquoian Community (Re)Production
- 1:30 Beth Ryan—An Archaeological Analysis of Haudenosaunee Responses to Settler Colonialism in Post-Revolutionary New York State, ca 1784-1826
- 1:45 Gregory Braun—Ancestral smoke: social aspects of Iroquoian ceramic production
- 2:00 Erin Rodriguez and Kathryn G. Barca—Haudenosaunee Women and Power in the Domestic Context: an archaeological case study
- 2:15 Kathleen M. Allen and Sandra Katz—Iroquoian Settlements in Central New York State in the Sixteenth Century: A Case Study of Intra- and Inter-site Diversity
- 2:30 Christopher Watts—Points of passage/points of view: Iroquoian animal effigy pipes and the crossing of corporeal borders
- 2:45 Eric Jones—Building Swidden Agricultural Settlement Theory: Comparing the Late Woodland Northeast and Southeast
- 3:00 Robert Pihl, Jennifer Birch, Aleksandra Pradzynski and Robert Wojtowicz—Multi-scalar perspectives on Iroquoian ceramics: A re-examination of the West Duffins Creek site sequence
- 3:15 Kurt Jordan—Life in Wartime: Local Adversity at the Seneca Iroquois White Springs Site, circa 1688-1715

- 3:30 Michael Rogers, Perri Gerard-Little, Kurt Jordan and Kevin Hurley—  
Understanding the Built Environment at the Seneca Iroquios White Springs Site  
using Large-scale, Multi-instrument Archaeogeophysical Surveys
- 3:45 Neal Ferris—Viewed From The Edge: An Archaeological Borderland During Early  
Ancestral Northern Iroquoian Archaeology
- 4:00 John Hart and William Engelbrecht—Northern Iroquoian Ethnic Evolution: A  
Social Network Analysis
- 4:15 Ron Williamson—Discussant
- 4:30 Dean Snow—Discussant

**[56] SYMPOSIUM ■ CURRENT RESEARCH IN MAYA BIOARCHAEOLOGY**

**Room:** 202 (CC)

**Time:** 1:00 PM–4:45 PM

**Organizer and Chair:** Gabriel Wrobel

**Participants:**

- 1:00 Willa Trask and Lori Wright—Strontium isotopic variability and local identity:  
Preliminary investigations utilizing the ancient Maya site of Uxbenká, Belize
- 1:15 Amy Michael and Gabriel Wrobel—Dental Histology and Comparative Health in  
Rockshelter Mortuary Contexts
- 1:30 Carolyn Freiwald, Jason Yaeger, Jaime J. Awe, Christophe Helmke and James  
Garber—Local Nobility, Imported Ceramics: Isotopic Insights into Mortuary  
Treatment and Political Authority in the UBRV
- 1:45 Anna Novotny—The Stacking Principle and Ancestral Transformation: Bodies  
and life essences in an ancient Maya farming community
- 2:00 Alicia Donis, Christine White, Linda Howie, Elizabeth Graham and Fred  
Longstaffe—Diving into the Afterlife: Exploring a Distinct Burial Position at  
Postclassic Lamanai
- 2:15 Katherine Miller—Burials, Bones, and Behavior: Tombs from Ancient Copán,  
Honduras
- 2:30 Rebecca Storey—Gender, Status, and Sex in the Rural Maya Burials of Late  
Classic, Copan
- 2:45 William Duncan—Three mortuary violence events among the Postclassic Maya
- 3:00 Stanley Serafin and Carlos Peraza Lope—Bioarchaeological Insights into the  
Population Structure of Mayapan
- 3:15 Davide Domenici—Children Sacrifice or Special Burial Place? Discussion and  
Interpretation of a Late Classic Archaeological Context from Cueva del Lazo  
(Chiapas, Mexico)
- 3:30 Gabriel Wrobel, Christophe Helmke and Jaime J. Awe—Caves as Tombs: A  
Bioarchaeological Example from the Maya Cave Site of Je'reftheel, Caves  
Branch, Belize
- 3:45 C. L. Kieffer—One Cave, Many Contexts: The Skeletal Deposits from Midnight  
Terror Cave, Belize
- 4:00 Andrea Cucina and Vera Tiesler—Mortuary Paths and Ritual Meanings Related  
to Maya Human Disposals in Caves and Cenotes
- 4:15 Lori Wright—Discussant
- 4:30 Christine White—Discussant



**[57] SYMPOSIUM ■ CROWN OF THE WEST: MOUNTAIN ARCHAEOLOGY FROM THE SIERRA NEVADA TO THE ROCKY MOUNTAINS**

**Room:** 301 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers and Chairs:** Brent Leftwich and Chris Morgan

**Participants:**

- 1:00 Carly Whelan—Prehistoric Patterns of Mobility and Trade in the Sierra Nevada Foothills
- 1:15 Darren Andolina and Rebecca Gilbert—Steatite Sourcing: Results from Multiple Source Locations in California
- 1:30 Linn Gassaway, Alex Verdugo and Ernest Wingate—Living Among the Giants: New Research from the Giant Sequoia National Monument
- 1:45 Tom Burge—Archeological Surveys in Sequoia and Kings Canyon National Parks - The Higher Elevations of the Southern Sierra Nevada
- 2:00 Brent Leftwich—Form Follows Function: Bedrock Mortar Morphology and Settlement in the North-Central Sierra Nevada
- 2:15 Monique Pomerleau—High Altitude Prehistoric Occupation at Pharo Heights in Central Utah's Pahvant Range
- 2:30 Chris Morgan—High Altitude Residential Occupations in Wyoming's Wind River Range
- 2:45 Kenneth Cannon, Chris Morgan and Molly Boeka Cannon—Looking for a Long-Term Record in the Greater Yellowstone Ecosystem: Some Thoughts about the Stinking Springs Rockshelter, Teton County, Wyoming
- 3:00 Douglas MacDonald—Toward an Understanding of Prehistoric Hunter-Gatherer Use of America's Largest High-Elevation Lake, Yellowstone Lake, Wyoming
- 3:15 Laura Scheiber and Judson Byrd Finley—The periphery of several, center of none? High-altitude archaeology in the Absaroka Mountain range, Wyoming
- 3:30 Craig Lee, Robert Kelly, Ira Matt, Rachel Reckin and Marcia Pablo—Alpine Snow and Ice as a Source of Archaeological and Paleoecological data in the Rocky Mountains
- 3:45 Mark Mitchell and Leigh Ann Hunt—A High-Altitude Lithic Workshop in Colorado's San Juan Mountains
- 4:00 Nicole Waguespack and Todd Surovell—Folsom Houses & House Life
- 4:15 Michael Moratto—Discussant
- 4:30 David Thomas—Discussant
- 4:45 Mark Aldenderfer—Discussant

**[58] SYMPOSIUM ■ LANDSCAPE, URBANISM AND SOCIETY: RECENT RESEARCH IN POSTCLASSIC WESTERN MEXICO**

**Room:** 308 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Anna Cohen, Marion Forest and Florencia Pezzutti

**Chairs:** Marion Forest and Anna Cohen

**Participants:**

- 1:00 Dominique Michelet and Gregory Pereira—Reflections on the Antecedents and Genesis of Urban Sites in the Zacapu Malpais
- 1:15 Christopher T. Fisher and LORE-LPB Team Members —Beyond Thresholds and Tipping Points: New insights into the Origins of the Purépecha (Tarascan) Empire
- 1:30 Hannah Reitzel—Exploring "Aztatlán" Social Boundaries through Ethnographic Analogy
- 1:45 Angela Huster—Long Term Stability?: Chronology and Demographics at

- Calixtlahuaca, Mexico
- 2:00 Karine Lefebvre—"Tarascan and Mexico": New approach on the Late Postclassic settlement pattern in the Acámbaro region (Guanajuato, Mexico)
- 2:15 Jason Bush and Christopher Fisher—Architectural Form and Space in the Lake Pátzcuaro Basin, Mexico
- 2:30 Corrie Ahrens and Christopher T. Fisher—Food Storage at Sacapu Angamucu
- 2:45 Maëlle Sergheraert—Architectural style evolution: Calixtlahuaca's monumental structures through ages
- 3:00 Juliana Novic—Ancient Urban Viewscapes: Viewing Monumental Architecture at Calixtlahuaca
- 3:15 Alejandro J. Uriarte Torres and Christopher T. Fisher—Arquitectura, inversión de trabajo y asentamiento: un acercamiento a la organización espacial en Sacapu Angamucu
- 3:30 Andrea Torvine and Christopher T. Fisher—The Organization and Accessibility of Social Spaces at Sacapu Angamucu, Michoacán
- 3:45 Florencia Pezzutti and Christopher Fisher—"There is a place where the sidewalk ends and before the street begins": An analysis of Sacapu Angamucu Transit Networks
- 4:00 Anna Cohen and Christopher T. Fisher—Constructing social space (part 1): multi-scalar organization at Sacapu Angamucu
- 4:15 Marion Forest—Constructing social space (part 2): multi-scalar organization on the Zacapu Malpais
- 4:30 Ben Nelson—Discussant
- 4:45 Michael Smith—Discussant

**[59] SYMPOSIUM ■ STANDARDIZATION IN LITHIC USE-WEAR ANALYSIS: HOW DO WE GET THERE FROM HERE?**

**Room:** 314 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Harry Lerner and Adrian Evans

**Chairs:** Danielle Macdonald and William Stemp

**Participants:**

- 1:00 Larry Kimball, Nathan Faulks, Tonya Coffey and Nazim Hidjrati—Quantitative characterization of microwear polishes: Atomic Force Microscope and Interferometry approaches as applied to Mousterian tools from Weasel Cave, Russia
- 1:15 William Stemp and Steven Chung—The Quantification of Use-wear on Obsidian: LSCM and Fractal Analysis
- 1:30 Adrian Evans—Learning from Blind Tests: Advancing the Technique Step by Step
- 1:45 Randolph Donahue and Adrian Evans—Laser scanning confocal microscopy: a quantitative approach towards improving lithic microwear research
- 2:00 E.S. Lohse, C. Schou, K. Lohse and D. Sammons—Using AI to Establish Greater Rigor in Characterization of Stone Tools
- 2:15 Annelou van Gijn—Science and imagination: methodological issues when examining the meaning of flint for neolithic societies in the lower Rhine Basin by means of use-wear analysis
- 2:30 Sylvie Beyries—How to model the results of functional analyses?
- 2:45 Jacob Vardi, Nathan Goodale and William Andrefsky—Should we standardize lithic use-wear analysis?
- 3:00 Jenny Adams—Use-Wear on Surfaces – Stepping Away from the Edge
- 3:15 Danielle Macdonald—Both Sides of the Coin: Qualitative and Quantitative

- Methods of Use-Wear Analysis
- 3:30 Alicia Castro, Manuel Cueto, and Frank Ariel—New approaches in Functional analysis for the discussion of Lithic technological organization: cases from Patagonia Argentina.
- 3:45 Jim Wiederhold and Charlotte Pevny—Toward the Standardization of Lithic Microwear Analysis: Fundamental Theories and Principles
- 4:00 Benjamin Schoville—Taphonomic and Behavioral Formation of Edge Damage on Middle Stone Age Points from Pinnacle Point 13B and Die Kelders cave 1
- 4:15 Harry Lerner—Discussant
- 4:30 George Odell—Discussant
- 4:45 Patricia C. Anderson—Discussant

**[60] SYMPOSIUM ■ TECHNIQUE AND INTERPRETATION IN THE ARCHAEOLOGY OF ROCK ART**

*(Sponsored by Rock Art Interest Group)*

**Room:** 315 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizer and Chair:** Lenville Stelle

**Participants:**

- 1:00 Daniel Arsenault—"It's a bird... it's a plane... no, it's a memekweshuat!" Interpreting some peculiar figures in the Canadian Shield rock art
- 1:15 Rex Weeks—T. Crow Rock: East Tennessee Cherokees in the Post-Removal Era
- 1:30 Julio Amador—Spaces, themes and cultural functions within a rock-art site: La Proveedora in the Sonoran Desert
- 1:45 Michelle Hayward, Frank Schieppati and Michael Cinquino—Rock Art and Dating in Puerto Rico: An Examination
- 2:00 Michael Bies, Neffra Matthews and Tommy Noble—Baseline Data Collection With Close Range Photogrammetry
- 2:15 Robert Mark and Evelyn Billo—Using Super-high Resolution Panoramas (Gigapans) to Document and Study Rock Art Panels
- 2:30 Jannie Loubser—The Landscape and Ethnographic Setting of South Appalachian Petroglyph Boulders
- 2:45 Dagmara Zawadzka—Woodland critters great and small in Canadian Shield rock art
- 3:00 Larry Loendorf—Pathfinders and Petroglyphs: Marks along the Trail
- 3:15 Mavis Greer and John Greer—Horses in Northern Plains Rock Art in a Global Perspective
- 3:30 Jarod Hutson, Teresa Wriston and Gary Haynes—Rock Art and Foragers' Imagination, and the Dirty Tricks of Rockshelter Deposition
- 3:45 Reinaldo Morales—No Other: Speleothem Rock Art in Cuba and Yucatán
- 4:00 Cameron Griffith and Andrea Stone—Try This on for Size: Exploring Implications of Scale in Mesoamerican Rock Art
- 4:15 Steven Waller—Archaeoacoustic Techniques Lead to New Interpretations of the Thunderous Reverberation at Rock Art Sites
- 4:30 Vivian Scheinsohn, Sabrina Leonardt and Florencia Rizzo—Rock Art in NW Patagonia
- 4:45 Alex Ruuska—Intersubjectivity and the Act of Re-Membering Ancestral Drawings in Owens Valley, California

**[61] POSTER SESSION ■ WEIRD SCIENCE: THE STATE OF THE ART OF EXPERIMENTAL ARCHAEOLOGY**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Organizer:** Jonathan Thomas

**Chair:** Grant McCall

**Participants:**

- 61-a Rachel Horowitz and Grant McCall—Aim in Throwing and Precision in Flintknapping among Novice Flintknappers
- 61-b Charles Speer—Using LA-ICP-MS to Characterize Clovis Artifacts at the Gault Site
- 61-c Tammy Buonasera—GC/MS analysis of Lipids from New and Old Experimental Grinding Tools
- 61-d Geoffrey Cunnar, Bill Schindler, Ed Stoner, Charles Wheeler and Mark Estes—Replication of a Paleoarchaic, Levallois-like reduction technique in the Great Basin, trying to better understand one of America's earliest reduction strategies
- 61-e Cara Connolly—Groove and Cupule Rock Art Style in the Mojave Desert: An Experimental Study
- 61-f Bryan Kendall, Ted Marks and Jonathan Thomas— Experimental Replication of Usewear on Late Stone Age Microliths from Southern Africa

**[62] POSTER SESSION ■ ADVANCES AND APPLICATIONS OF XRF AND LA-ICP-MS-PART 1**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 62-a Angela Arpaia and Carly Whelan—Basalt Sourcing for Seirra Nevada Foothills
- 62-b Sachiko Sakai—Applications of Optically Stimulated Luminescence (OSL) Dating in the Study of Change in Clay Source of Olivine-tempered Ceramics in the Arizona Strip and Adjacent Areas in the American Southwest
- 62-c Sean Dolan—Evidence for obsidian source variation through time at Kipp Ruin (LA 153465)
- 62-d Scott Bigney, Janine Gasco and Hector Neff—Characterization of Obsidian from Five Late Postclassic sites in the Soconusco Region of Chiapas, Mexico
- 62-e Steve Copeland—XRF Analysis on Ancient Copper from a Great Kiva in the Central Mesa Verde Region
- 62-f Scott Van Keuren, Mark Agostini and Hector Neff—Ceramic Pigments and Communities of Practice in Fourteenth-century Arizona
- 62-g Devon Reid, Jeff Rasic and Loukas Barton—Compositional Variability of Volcanics from Southwest Alaska using PXRF
- 62-h Alexander Smith and Danielle Raad—The Metallurgy of Iron Mine Hill: The Economic Implications of the Use of Cumberlandite in Colonial Era Iron Artifacts from Rhode Island
- 62-i Allison Barden and Shanti Morell-Hart—GIS Applications in Mesoamerican Archaeology: Spatial Distribution of XRF-Sourced Obsidian Artifacts at Puerto Escondido, Honduras
- 62-j Adolfo Gil, Laura Salgán and Gustavo Neme—Obsidian sources exploitation in La Payunia Volcanic Field (Mendoza, Argentina)
- 62-k Candace Sall—Pigments and Pastes: Polychrome Ceramics from the 76 Draw Site, New Mexico

**[63] POSTER SESSION ■ ADVANCES AND APPLICATIONS OF XRF AND LA-ICP-MS-PART 2**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 63-a Yukiko Tonoike—Portable XRF Analysis of Sources and Distribution of Obsidian in Iran and Syria
- 63-b Kyle Freund, Tristan Carter and Daniel Contreras—Ancient Obsidian Exploitation in the Mediterranean: Giali Reexamined
- 63-c Kelly Brown and Tristan Carter—Networking in the Neolithic: Obsidian Sourcing at Abu Hureyra (N. Syria)
- 63-d Sarah Grant, Tristan Carter, Metin Kartal and Vecihi Özkaya—Of Permanence and Procurement: Obsidian Sourcing at Körtik Tepe (SE Turkey)
- 63-e Kit Nelson and James Davenport—Compositional Analysis Using pXRF of Ceramic Pastes and Pigments from the Late Intermediate Period of the North Central Coast of Perú
- 63-f Hasan Ashkanani and Robert Tykot—Using non-destructive XRF analysis for sourcing of bronze age ceramics from Kuwait and Bahrain
- 63-g Clayton Meredith, Monica Tromp, David Peterson, John Dudgeon and Khachatur Meliksetian—New Standards in the Analysis of Archaeological Metalwork using LA-ICP-MS: A Case Study from the South Caucasus Archaeometallurgy Project
- 63-h Whitnie Rauh, John Dudgeon, David Peterson, Clayton Meredith and Nick Holmer—Comparison of Methodological Approaches for Determining Modes of Trace Metal Uptake in Archaeological Skeletal Remains
- 63-i William Haas—XRF Characterization of Fine-grained Volcanics of the Lake Titicaca Basin, Peru
- 63-j Erin Rice—An Analysis of Obsidian from the Pre-Pottery Neolithic of the Near East using XRF and GIS

**[64] POSTER SESSION ■ ARCHAEOLOGICAL APPLICATIONS OF GIS, GPR, AND REMOTE SENSING**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 64-a Thomas Whitley—Diet and the Landscape: Modeling the Prehistoric Economies of the Georgia Coast (4500 to 300 BP).
- 64-b Erin Hanes, Phil Hanes and Colleen Delaney-Rivera—Ground Penetrating Radar at Audrey: A GPR Investigation of an Early Mississippian-era Site in the Lower Illinois River Valley
- 64-c Philip Mink, Carl Shields, Ted Grossardt and John Ripy—A New Method for Developing Statewide Archaeological Site Location Models: GIS-Based Fuzzy Set Estimation
- 64-d Kristen Carlson—Bison Procurement: A Comparative Analysis of Jump Drive Lane Topography
- 64-e Michael Hargrave, Eileen Ernenwein, George Avery, H. Pete Gregory and Jeff Girard—Demonstrating an integrated multi-sensor geophysical approach at Presidio Los Adaes, Louisiana
- 64-f Cameron Howell—Airborne and Satellite Remote Sensing of Shell Middens along the South Carolina Coast

**[65] POSTER SESSION ■ INTEGRATING GEOPHYSICAL SURVEYS INTO ARCHAEOLOGICAL INVESTIGATIONS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Organizers:** Beverly Chiarulli and Angela Jaillet

**Chair:** Donna Smith

**Participants:**

- 65-a Angela Jaillet—Investigating Historic Accounts of Pandenarium: Geophysical Investigation at 36ME235
- 65-b Donna Smith—Comparing the Effectiveness of Ground Penetrating Radar in Identifying Stockade Features in Late Prehistoric and Historic Sites
- 65-c Michael Sprowles—Magnetometry and Electrical Resistivity surveys of the Allegheny Portage Railroad
- 65-d Amanda Gill—Ground Penetrating Radar at Pyla-Koutsopetria, Cyprus
- 65-e Joe Verbka and Sean Martorelli—GPR Investigations of a Historic Cemetery in Allegheny County Pennsylvania
- 65-f Emily Poeppel—An Analysis of Ceramics from the Johnston Site, Indiana County, Pennsylvania

**[66] POSTER SESSION ■ THE SCIENTISTS BEHIND THE ARCHAEOLOGISTS: INDIANA JONES' GEEKY SIBLINGS**

*(Sponsored by The PaleoResearch Institute )*

**Room:** East lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Organizer and Chair:** Janet Niessner

**Participants:**

- 66-a Janet C Niessner, Linda Scott Cummings and Melissa K Logan—Artifacts, Organic Residues and Sample Handling: To Handle or Not To Handle
- 66-b Linda Scott Cummings and Melissa K Logan—From the Table to the Grave: Artifact Use-life and FTIR
- 66-c RA Varney, Linda Scott Cummings and Thomas Lux—Regional Climate Modeling: Breathing Life into PaleoEnvironments
- 66-d Kathryn Puseman, Eileen Johnson and Peter Kovacik—Charcoal, Wood, Paleoenvironment, and Radiocarbon Dating
- 66-e W. Michael Gear and Linda Scott Cummings—Global Warming and Prehistory: What's the Story?

**[67] GENERAL SESSION ■ MESOAMERICAN SETTLEMENT**

**Room:** 305 (CC)

**Time:** 3:15 PM–5:00 PM

**Chair:** Veronica Perez Rodriguez

**Participants:**

- 3:15 Michael Davis, Thomas Wake and Tomás Mendizabal—Towards a settlement chronology for Bocas del Toro, Panama
- 3:30 Matthew Bost, Mikael Fauvelle, L. Mark Raab and Rebecca B. González Lauck—Archaeosols from Isla Alor in the La Venta Olmec Hinterland
- 3:45 Achim Lelgemann and Patricia Julio-Miranda—Matter Matters: The Geomorphology and Architectural Usage of Mineral Resources at Prehispanic Sites of the Western Sierra Madre, Mexico

- 4:00 Veronica Perez Rodriguez—Residential patterns, spatial configuration, and terrace density: A comparative study of houses on terraces in Mesoamerica
- 4:15 Justine Shaw and Johan Normark—Settlement dispersion as a strategy to cope with recurrent droughts
- 4:30 Eugenia Robinson and Gregory Borgstede—Complexity and Regionalization in the Late Classic Maya Highlands
- 4:45 William Folan, María del Rosario Domínguez Carrasco, Raymundo González Heredia, Abel Morales López and Lynda Florey—Oxpemul, Campeche, Mexico: From Tributary City to City State

**[68] GENERAL SESSION ■ LAND USE, RESOURCE CONTROL, AND POWER IN SOUTH AMERICA**

**Room:** 304 (CC)  
**Time:** 3:30 PM–4:30 PM  
**Chair:** Rosicler Silva

**Participants:**

- 3:30 Rosicler Silva, Julio Cezar Rubin and Jairo Roberto Jimenez-Rueda—Zonificación geoarqueológica aplicado a la gestión de recursos culturales: estudios de casos en Brasil Central
- 3:45 Ana Boada—The Evolution of Social Inequality in Muisca Societies of the Sabana de Bogotá, Colombia
- 4:00 Veronica Williams and Beatriz Cremonte—Social Landscape During Inca Domination in Northwest Argentina
- 4:15 Sebastian Fajardo Bernal—Political Process of Centralization of a Community in the Leiva Valley, Colombia: Hierarchy and Negotiation Between Centuries XI–XVII

**[69] GENERAL SESSION ■ OF FAUNA, TOOLS, AND FOOD: ZOOARCHAEOLOGICAL ANALYSES THROUGHOUT THE WORLD**

**Room:** 103 (CC)  
**Time:** 3:30 PM–4:30 PM  
**Chair:** Geoffrey Conrad

**Participants:**

- 3:30 Emma Humphrey—Stocking the Larder: Site function through faunal analysis in the Kebaran Epipalaeolithic.
- 3:45 Levent Atici—Zooarchaeology at Körtik Tepe, SE Turkey: Preliminary Results on Pre-Pottery Neolithic A (PPNA) Subsistence
- 4:00 Liye Xie—Why Bones?: Worked Scapulae from the Lower Yangzi River, China
- 4:15 Geoffrey Conrad, Charles Beeker, John Foster, Jessica Keller and K. Harley McDonald—Cultural and Faunal Remains from Padre Nuestro, Dominican Republic

**[70] GENERAL SESSION ■ ANIMAL DOMESTICATES IN THE AMERICAS**

**Room:** 319 (CC)  
**Time:** 3:30 PM–5:00 PM  
**Chair:** Paul Langenwaller

**Participants:**

- 3:30 Renee Walker—Prehistoric Dogs in the Eastern United States: The Sacred and the Secular
- 3:45 Hannah Cail—Feasting on Fido: Dogs as a Delicacy at Bridge River
- 4:00 Paul Langenwaller—Dog Burial and Related Ceremonial Activity among the Miwok and Yokuts of the Sierra Nevada in California

- 4:15 Bradley Newbold, R. Kyle Bocinsky, Brian M. Kemp and Phil Geib—Ancient Domestic Turkeys at Atlatl Rock Cave
- 4:30 Jennifer Roland and Randi Gladwell—Domestic Use of Camelids in the 7.C9 Structure of Khonkho Wankane
- 4:45 Silvana Rosenfeld—Foodways and Socio-politics in the Wari Empire: examples from the core and the province (Ayacucho and Cuzco, Peru AD 600-900).

**[71] GENERAL SESSION ■ ARCHAEOLOGY OF THE DEAD IN SOUTH AMERICA-PART 1**

**Room:** 104/105 (CC)

**Time:** 3:30 PM–4:45 PM

**Chair:** Patricia Lambert

**Participants:**

- 3:30 Gustavo Flensburg, Gustavo Martinez, Pablo Bayala and Mariela González—Secondary burials and body treatment in the eastern Pampa-Patagonian transition of Argentina
- 3:45 Ann Peters and Elsa Tomasto C.—Revisiting the Ancestors: body custody and symbolic construction
- 4:00 Izumi Shimada and Go Matsumoto—Water, Fire, and Huaca: Rituals of Regeneration and Ancestor Veneration in the Sicán Culture
- 4:15 Patricia Lambert—Traumatic Injury at Cerro Oreja: Violence and Occupational Risk in the Moche Valley during the Early Intermediate Period
- 4:30 Viviana Bellifemine—Indicators of Inka Imperial Governance Interactions reflected in Mortuary Practices in the Cuzco Valley

**[72] GENERAL SESSION ■ BIOARCHAEOLOGICAL APPROACHES TO DEMOGRAPHY AND DISEASE**

**Room:** 309/310 (CC)

**Time:** 3:30 PM–5:00 PM

**Chair:** Richard Paine

**Participants:**

- 3:30 Minghui Wang—Introduction of Chinese Osteology Research
- 3:45 Keith Chan—Life in a Prehistoric State at Armatambo, Rímac Valley, Perú
- 4:00 Meggan Bullock Kreger—Morbidity and Mortality in the Postclassic Urban Center of Cholula
- 4:15 Richard Paine—Disease Outbreaks and the Classic Period Decline of Teotihuacan: Testing the Cocoliztli Hypothesis.
- 4:30 Alison Devault, Hendrik N. Poinar, Joseph H. Tien, David J.D. Earn and David N. Fisman—Ancient DNA analysis of 19th century North American cholera
- 4:45 Matthew Peros, Samuel Munoz, Konrad Gajewski and Andre Viau—Prehistoric demography of North America inferred from radiocarbon data

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

**Room:** 203 (CC)

**Time:** 3:30 PM–5:00 PM

**Organizer:** Sarah Rowe

**Chair:** Mariuxi Cordero

**Participants:**

- 3:30 Sarah Rowe—Excavations at Buen Suceso: Community and Tradition in Valdivia Society
- 3:45 J. Stephen Athens—Archaeology of Northern Highland Ecuador Before the Inka: Chronology and Processual Implications
- 4:00 Mariuxi Cordero and Richard Scaglione—Prehispanic Ritual Vessels from Northern Highland Ecuador: New Interpretations from Carnegie Museum of



- Natural History's Henn Collection
- 4:15 Guy Duke—San Andrés: A town and its canal system
- 4:30 Eric Dyrda—Resistance in Northern Ecuador: Settlement Survey in the Pais Caranqui
- 4:45 Amber Kling—Theorizing High Elevation Enclosures in Pambamarca, Ecuador

**[74] GENERAL SESSION ■ GLOBAL PERSPECTIVES OF STONE TOOL TECHNOLOGIES**

**Room:** 302/303 (CC)

**Time:** 3:30 PM–5:00 PM

**Chair:** Remy Crassard

**Participants:**

- 3:30 Philip Slater—Results of Experimental Obsidian Microwear Analyses using a Scanning Electron Microscope
- 3:45 Jay Reti—Darwinian archaeology and its application to Oldowan lithic analytical studies in East Africa
- 4:00 Colleen Bell—Blade Caches at Ayn Abu Nukhayla
- 4:15 Remy Crassard and Michael Petraglia—Fluted point technology from Arabia: Convergence with American examples
- 4:30 Raven Garvey—Preliminary OHD results applied to the mid-Holocene record of western Argentina
- 4:45 David Zeannah, Douglas Bird, Rebecca Bliege Bird and Brian Coddington—Anthropogenic Burning, Intensive Seed Exploitation and the Organization of Ground Stone Technology in Western Australia

**[75] GENERAL SESSION ■ MAYA RITUAL AND SACRED SPACE**

**Room:** 317/318 (CC)

**Time:** 3:30 PM–4:45 PM

**Participants:**

- 3:30 Andrew Kinkella—Settlement at the Water's Edge: The Ancient Maya of the Cara Blanca Pools, Belize
- 3:45 Kong Cheong, Terry Powis and Paul Healy—Music and the Maya: Late Classic Ocarinas and Flutes from Pacbitun, Belize
- 4:00 John Tomasic and Steven Bozarth—New Data from a Preclassic Maya Tomb Burial at K'o, Peten, Guatemala
- 4:15 Hannah Plumer—Burial Variabilities in the Maya Lowlands
- 4:30 Andrew Snetsinger—An intra-site analysis of the Mortuary assemblage at the ancient Maya center of Minanha, Belize

**[76] SYMPOSIUM ■ FORENSIC ARCHAEOLOGY: RECENT CASES, CURRENT RESEARCH**

**Room:** 204 (CC)

**Time:** 3:30 PM–4:45 PM

**Organizer:** Randi Scott

**Chair:** Kimberlee Moran

**Participants:**

- 3:30 Martin McAllister—The Role of Forensic Archaeology in Archaeology
- 3:45 Randi Scott—Beyond the Crime Scene: Humanizing Forensic Archaeology
- 4:00 Kimberlee Moran and Richard Gould—Why We Do This
- 4:15 Glen Doran and Karen Cooper—Forensic Anthropology/Archaeology training – a 34 year history
- 4:30 Larry Murphy—Forensic Archaeology in Submerged Contexts

**Thursday Evening ■ March 31, 2011**

**[77] SYMPOSIUM ■ ISHI: REPATRIATING THE STORY**

**Room:** 202 (CC)

**Time:** 6:00 PM–7:45 PM

**Organizers:** Antoinette Martinez and Kristina Crawford

**Chair:** Antoinette Martinez

**Participants:**

- 6:00 Antoinette Martinez, Frank Bayham and Chris O'Brien—Ishi, Culture Contact, and Anthropology  
6:15 Jerald Johnson—Ishi in Retrospect from an Archaeological Perspective  
6:30 Chris O'Brien, Adam Gutierrez, Erik Martin, Frank Bayham and Antoinette Martinez—Beyond Ishi and the Yahi: Kingsley Cave in Regional Context  
6:45 Frank Bayham, Erik Martin, Adam Gutierrez, Christopher O'Brien and Antoinette Martinez—The Last Meals of the Yahi: Contact Period Faunal Remains from Kingsley Cave  
7:00 P. Willey and Richard L. Jantz—Ishi in Two Canonical Axes: Morphometric Assessment of His Cephalic Dimensions  
7:15 Kristina Crawford and Arran Bell—A Tale of Inter-twined Identities: Ishi and Northern Californians  
7:30 Jed Riffe, Jack Kohler, Kyle Hecht, Zumilra Gamito and Orin Starn—Ishi's Brain

**[78] FORUM ■ THE PRINCIPLES OF ARCHAEOLOGICAL ETHICS AS A LIVING DOCUMENT: IS REVISION NECESSARY?**

*(Sponsored by Committee on Ethics)*

**Room:** 103 (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer and Chair:** Joe Watkins

**Moderator:** William Andrefsky Jr.

**Participants:**

- Larry Zimmerman—Discussant  
George Nicholas—Discussant  
Morag Kersel—Discussant  
Dorothy Lippert—Discussant  
Julie Hollowell—Discussant  
Dru McGill—Discussant  
Sonya Atalay—Discussant  
Paula Kay Lazrus—Discussant  
Edward Jolie—Discussant

**[79] FORUM ■ FIELD SCHOOLS: WHAT ARE WE DOING?**

**Room:** 317/318 (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer and Chair:** Bethany Morrison

**Participants:**

- Jane Baxter—Discussant  
Wesley Bernardini—Discussant

Samuel Connell—Discussant  
William Doelle—Discussant  
Mike Lerch—Discussant

**[80] POSTER SESSION ■ AMERICAN RECOVERY & REINVESTMENT ACT (ARRA)—FUNDED PROJECTS THROUGH THE U.S. ARMY CORPS OF ENGINEERS (USACE), ST. LOUIS DISTRICT (SLD): OPPORTUNITIES, INNOVATIONS, CHALLENGES, AND RESULTS, PART 1**  
**Room:** East Lobby-Third Floor (CC)  
**Time:** 6:00 PM–8:00 PM  
**Organizer:** John Hall  
**Chair:** Teresita Majewski

**Participants:**

- 80-a Joseph Schuldenrein, Michael Aiuvalasit and James Pritchard—Prehistory and Gearchaeological Investigations Along the Central Mississippi Valley: Recent Advances
- 80-b Teresita Majewski, Robert Heckman, Joseph Balicki and Thomas Whitley—Managing USACE, SLD ARRA-Funded Projects: Challenge and Response
- 80-c Phillip Leckman and Nicholas Reseburg—Reporting Hydrological Histories for Archaeological Resources: The Inundation Assessment Tool
- 80-d Karry Blake and Robert M. Wegener—The Alamo Dam Area: A Lithic Procurement Landscape in West Central Arizona
- 80-e Timothy Lloyd, Peter Leach and Daniel Welch—The Squawkie Hill Mounds
- 80-f Amelia Natoli, Scott Kremkau, Rita Sulkosky and Cannon Daughtrey—Prehistoric Settlement Patterns in Southeastern Nevada
- 80-g Jeffery Hanson and Robert Heckman—Archaeological Condition Assessment: a tool for managing cultural resources
- 80-h Andrew Weir—Great Lakes, Harbors, Breakwaters, and Piers...oh my!
- 80-i G. William Monaghan, Michael Kolb and Daniel R. Hayes—Side Valley Fans and Archaeological Site Taphonomy in the Upper Mississippi Valley
- 80-j Joseph Balicki—ARRA Stimulates the JMA Cultural Resources Team
- 80-k John Hall, Michael Heilen, Robert Wegener and Christopher Garraty—Between Hohokam and Salado: View-shed Analysis of a Fortified Hilltop Site along the Upper Queen Creek Drainage
- 80-l Heather Miljour—Enigmatic Rock Features in the Desert Southwest
- 80-m Jason Windingstad—The impact of dam construction on fluvial processes and cultural resources; examples from three ephemeral drainages in southern Arizona
- 80-n Kimberly Maeyama, Susan Malin-Boyce, Natalie Drew, Lauren Jelinek and Erica Young—Managing Digital Collections: One Way Forward

**[81] POSTER SESSION ■ AMERICAN RECOVERY & REINVESTMENT ACT (ARRA)—FUNDED PROJECTS THROUGH THE U.S. ARMY CORPS OF ENGINEERS (USACE), ST. LOUIS DISTRICT (SLD): OPPORTUNITIES, INNOVATIONS, CHALLENGES, AND RESULTS, PART 2**  
**Room:** East Lobby-Third Floor (CC)  
**Time:** 6:00 PM–8:00 PM  
**Organizer and Chair:** Robert Heckman

**Participants:**

- 81-a Keith Prilliman, Carolyn Rock and James Page—Juniper, Johnson Grass, and Burned Rock Middens: Section 110 Survey for the Ft. Worth District, USACE
- 81-b Steve RabbySmith, Glenn Strickland and James Page—Refining Site Probability Model Criteria for USACE Properties on the Upper Tenn-Tom Waterway: Section

- 110 Survey for the Mobile District, USACE
- 81-c Ralph Bailey, Inna Moore and Damon Jackson—Understanding Settlement, and Site Impacts along the Atlantic Intracoastal Waterway: Section 110 Site Evaluations for the Charleston District, USACE
- 81-d Andrew Agha, Inna Moore and Damon Jackson—ARRA Archaeology in the Ozarks: Section 110 Survey for the Little Rock District, USACE
- 81-e Alex Sweeney and John O'Donnell—Settlement along the Savannah: Section 110 Survey for the Savannah District, USACE
- 81-f Sudha Shah, Inna Burns and Damon Jackson—Fieldwork and Large Scale Predictive Modeling: Section 110 Survey for the Vicksburg District, USACE
- 81-g Danny Gregory—Archaeological and Geophysical Survey Along the Cumberland River in Kentucky and Tennessee

**[82] POSTER SESSION ■ ARCHAEOLOGY AND THE NEW DEAL: HOW ROOSEVELT'S 'ALPHABET SOUP' PROGRAMS CONTINUE TO INFLUENCE MODERN ARCHAEOLOGY**

*(Sponsored by History of Archaeology Interest Group)*

**Room:** East Lobby-Third Floor (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer and Chair:** Bernard Means

**Participants:**

- 82-a Lynne Sullivan and Bobby Braly—Correspondence among Colleagues: WPA Archaeology in Letters
- 82-b Benjamin Pykles—A New Archaeology in the New Deal: The Rise of Historical Archaeology in the 1930s
- 82-c Kevin Kiernan—New Deal Archaeology on St. Simons Island, Georgia
- 82-d Gloria Everson, Michelle Henley and Christine Font—Edward Kennard, the Federal Writers' Project and the Birth of Public Archaeology
- 82-e Danny Walker—CCC and RBS archaeology at Fort Laramie National Historic Site
- 82-f Victoria Dekle—New Considerations of Old Distribution: Site Occupations at the Deptford Site (9CH2), Chatham County, Georgia
- 82-g Joel Marshall and Anthony Krus—Retelling the Story of the East Village at the Angel Site (12-VG-1)
- 82-h Bart Mcleod, Lori Collins and Travis Doering—Re-examining the Past: Three-Dimensional Documentation with Depression-Era Archaeology Collections of Pre-Columbian Ceramic Vessels from Florida
- 82-i George Crothers—William S. Webb's Archaeological Legacy in Kentucky: From Adena to Indian Knoll
- 82-j Timothy Bauman, G. William Monaghan and Christopher Peebles—The Legacy of Glenn A. Black and the WPA Excavations at Angel Mounds (12Vg1)
- 82-k Charla Marshall—Ancient DNA from Angel Mounds, a Legacy Collection
- 82-l Bernard Means—The Future Meets the Past: Digital Mapping of New Deal Archaeology Projects Across the Lower 48 States

**[83] POSTER SESSION ■ THE ARCHAEOLOGY OF MANAGING WATER IN THE WEST: U.S. BUREAU OF RECLAMATION'S CULTURAL RESOURCES PROGRAM**

**Room:** East Lobby-Third Floor (CC)

**Time:** 6:00 PM–8:00 PM

**Organizers:** Lauren Perry

**Chair:** Lauren Perry

**Participants:**

- 83-a Stephen Overly, Joanne Goodsell and Wendy Pierce—Organizational Implications

- of Bedrock Mortars: A View from the Stanislaus River Watershed
- 83-b Robert Stokes, Teresa Pinter, Margerie Green and Susan Shaffer Nahmias—U.S. Bureau of Reclamation's Long-Term Section 106 and 110 Survey and Public Outreach Efforts at Lake Pleasant Regional Park near Phoenix, Arizona: 26 Years of Research by Archaeological Consulting Services, Ltd.
- 83-c Margerie Green, Robert Stokes and Marcia Donaldson—U.S. Bureau of Reclamation's Farm Rehabilitation Project Collaborations with the Navajo and Tohono O'odham Tribes in Arizona, as implemented by Archaeological Consulting Services, Ltd.
- 83-d Warren Hurley and Elizabeth M Perry—Traditional Cultural Properties and the Animas-La Plata Project
- 83-e Kelly McGuire and Jay King—Landscape Evolution and Middle/Late Holocene Settlement Systems along the Humboldt River: A Case Study at Battle Mountain Pasture
- 83-f Rochelle Bennett—Analysis of Human Remains Recovered From Fort Craig Cemetery, New Mexico
- 83-g Laureen Perry, BranDee Bruce and Adam Nickels—The Industrial Archaeology of Reclamation Dams: A Look at Shasta Dam, Folsom Dam, and Hoover Dam
- 83-h Lisa Shapiro and Shelly Tiley—Carson Lake Archaeology & Ethnography
- 83-i Thomas Lincoln, Bill Chada and Jennifer Huang—Comparison of Light Detection and Ranging (LiDAR) Technologies to Demonstrate Scanner Efficiencies in the Documentation of Historic-era Rock Carvings and Petroglyphs in Threshing Machine Canyon, Kansas
- 83-j Jennifer Huang, Mitzi Rossillon and Ejvend Nielsen—Just checked in to see what condition site condition is in
- 83-k James Potter—The Ridges Basin Community: Early Village Settlement in the Four Corners Region
- 83-l Mark Slaughter, James Kangas, Pat Hicks and William Heidner—Preparing for Operation Overlord: a Testing Facility on the Colorado River

**[84] FORUM ■ THE PERILS, PITFALLS, AND INCREDIBLE PERSUASION OF ARCHAEOLOGICAL FICTION**

*(Sponsored by PaleoResearch Institute, Inc.)*

**Room:** 104/105 (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer:** Linda Scott Cummings

**Chair:** W. Michael Gear

**Moderator:** W. Michael Gear

**Participants:**

Laura Scheiber—Discussant  
 John Whittaker—Discussant  
 David Anderson—Discussant  
 Margaret Conkey—Discussant  
 W. Michael Gear—Discussant  
 Linda Scott Cummings—Discussant

**[85] SYMPOSIUM ■ ANCIENT MAYA CERAMIC PRODUCTION, DISTRIBUTION, AND CONSUMPTION**

**Room:** 307 (CC)

**Time:** 6:00 PM–8:15 PM

**Organizer:** Travis Stanton

**Chair:** Jonathan Pagliaro

**Participants:**

- 6:00 Trent Stockton, Mandy Munro-Stasiuk, Kakoli Saha, Rebecca Hill and T. Kam Manahan—Quantifying Paste Variability in Late and Terminal Classic Slateware Pottery
- 6:15 Travis Stanton—Ceramic Ethnoanalysis at Yaxuná, Yucatán
- 6:30 Linda Howie—Intruder Alert! The provenance, technology and social meaning of foreign-looking serving vessels from Lamanai, Belize
- 6:45 Jonathan Pagliaro—Refined Methodology for the Investigation of Contextual Influences on Prehistoric Maya Ceramic Assemblages
- 7:00 Tatiana Loya—Ideology, Technology and Their Implications on the Political Economy: A Petrographic Analysis of a Sample of Arena Red and Arena Orange from Yaxuna, Yucatan, Mexico
- 7:15 Ellen Spensley Moriarty and Antonia Foias—Ceramic Petrography and Political Dynamics in the Central Petén Lakes Region, Guatemala
- 7:30 Varela-Torrecilla Carmen—One Question, Many Answers: History and Results of an Archaeometric Research of Puuc Ceramics
- 7:45 Anabel Ford—Discussant
- 8:00 Dean Arnold—Discussant

**[86] SYMPOSIUM ■ COME TOGETHER: REGIONAL PERSPECTIVES ON SETTLEMENT AGGREGATION**

**Room:** 301 (CC)

**Time:** 6:00 PM–8:00 PM

**Organizer and Chair:** Jennifer Birch

**Participants:**

- 6:00 Jennifer Birch—Settlement Aggregation and Social Transformation: Negotiating community in the context of coalescence
- 6:15 Robin Beck—Making Communities of Aggregations in the Formative Lake Titicaca Basin
- 6:30 Alison Rautman—Aggregation in the North American Puebloan Southwest
- 6:45 Michael Kolb—Settlement aggregation and the built-landscape in Hawai'i
- 7:00 Nigel Goring-Morris and Anna Belfer-Cohen—Where There's a Will, There's a Way: Changes in Scale and Intensity in the Shift to Sedentism in the Early Holocene Near East
- 7:15 Donald Haggis—Social Organization and Aggregated Settlement Structure in an Archaic Greek City on Crete (ca. 600 B.C.)
- 7:30 Robbie Ethridge—The Colonial Indian Slave Trade and the Coalescences of Eighteenth-Century Southeastern Indian Nations
- 7:45 Stephen Kowalewski—Discussant

**[87] SYMPOSIUM ■ HUMAN LIMITATIONS, AN ARCHEOLOGICAL PERSPECTIVE**

**Room:** 203 (CC)

**Time:** 6:00 PM–8:15 PM

**Organizer:** Richard Rogers

**Chair:** Marsha Sims

**Participants:**

- 6:00 Marsha Sims—Paleoindian Cultural Material in Stream Corridors Used for Trails
- 6:15 Richard Rogers and Bruce Rothschild—Bejel on the West Coast of North America: Evidence for Pre-Columbian Trans-Pacific Asian Contact
- 6:30 John Riggs, Diana Angelo and Juliet Morrow—Arkansas NRCS and Section 106: Process versus Preservation
- 6:45 William Sharp—In the Footsteps of Rafinesque and Webb
- 7:00 Teresa Paglione—"Collectors are Complaining about Conservation Tillage"
- 7:15 Rachel Gebauer, Michelle A. Durant, Brooke M. Brown and Sara Hescocock—The Road Well-Travelled Yet Nearly Forgotten: Investigations on the Bonanza to Lakeview Wagon Road in South Central Oregon
- 7:30 Rory Becker—Across the Landscape: The Potentials and Limitations of LiDAR Use in Identifying Historic Trails
- 7:45 Alan Spencer, Andrew Williamson and Grant Smith—Twin Peaks Springs: A Study in Process
- 8:00 Sarah Bridges—Discussant

**[88] SYMPOSIUM ■ NEW PERSPECTIVES ON THE ARCHAIC PERIOD OF COASTAL CHIAPAS, MEXICO**

**Room:** 306 (CC)

**Time:** 6:00 PM–8:30 PM

**Organizer:** Barbara Voorhies

**Chair:** Heather Thakar

**Participants:**

- 6:00 Barbara Voorhies—The Site that Keeps on Giving: Thirty plus Years of Research at Tlacuachero
- 6:15 Brendan Culleton, Douglas Kennett, Barbara Voorhies and John Southon—Bayesian Analysis of AMS Radiocarbon Dates from a Prehistoric Mexican Shellmound
- 6:30 Douglas Kennett, Dolores Piperno, John Jones, Megan Walsh and Brendan Culleton—Pre-Pottery Farmers on the Pacific Coast of Southern Mexico
- 6:45 Thomas Wake and Benito Guzman—Archaic Period Vertebrate Exploitation at Tlacuachero, Chiapas
- 7:00 Heather Thakar—If Floors Could Talk: Excavation of clay floors at the Tlacuachero shell mound
- 7:15 Elizabeth Paris—Early Use of Chipped Stone at the Tlacuachero Site, Soconusco, Chiapas
- 7:30 Douglas Drake and John G. Jones—Spatial Analysis of Phytoliths at the Tlacuachero Site
- 7:45 Hector Neff and Barbara Voorhies—Elemental analysis of the Tlacuachero floors
- 8:00 Barbara Voorhies—Discussant
- 8:15 John Clark—Discussant

**[89] GENERAL SESSION ■ OF SHORELINES AND SHIPS: COASTAL ARCHAEOLOGY**

**Room:** 316 (CC)

**Time:** 6:00 PM–8:30 PM

**Chair:** Matthew Napolitano

**Participants:**

- 6:00 Alan Simmons—Pre-Neolithic Mediterranean Seafarers: the Evidence from Cyprus
- 6:15 Dustin Keeler—Archaeological survey of a paleo-shoreline in Northeastern Kamchatka, Russia
- 6:30 Kelly Monteleone and E. James Dixon—Exploring the continental shelf of the Alexander Archipelago, Southeast, Alaska
- 6:45 Matthew Napolitano—Rethinking the Coast: considering small islands in aboriginal economies of the Georgia coast
- 7:00 Samantha Pietruszewski—A Formal and Functional Analysis on the Ceramic Rims of the Little Midden Site (8BR1933): An Identification of Site Function
- 7:15 Whitney Minger—Conserving Skeletal Material from Ossuaries in Eroding Shorelines, Currituck County, North Carolina
- 7:30 Erica Smith—Spanish and Mexican Indian Artifacts from the Emanuel Point Shipwrecks
- 7:45 Rachel Horlings, Greg Cook and Andrew Pietruszka—A tale of Historic Maritime Trade and Tragedy in Coastal Ghana
- 8:00 Robert Schon and Emma Blake—The Marsala Hinterland Survey: Report of the 2008-2010 Seasons
- 8:15 Jonathan Benjamin—Managing submerged prehistoric archaeology: Research objectives and cooperation with industry

**[90] SYMPOSIUM ■ TROPICAL LOW-DENSITY URBANISM AND LANDSCAPE HISTORIES**

**Room:** 315 (CC)

**Time:** 6:00 PM–8:15 PM

**Organizers:** Lisa Lucero and Roland Fletcher

**Chair:** Roland Fletcher

**Participants:**

- 6:00 Lisa Lucero—Maya Commoner Materiality in a Low-Density Urban Landscape
- 6:15 Arlen Chase and Diane Chase—An Ancient Maya Urban Landscape: Integrated Settlement and Terracing in the Vaca Plateau
- 6:30 Christopher Pottier—Constructing the landscape in early Angkor urbanism
- 6:45 Jaime J. Awe—Evidence for Low-Density Urbanism in Western Belize: A Re-examination of Prehistoric Settlement Patterns in the Belize River Valley
- 7:00 Dan Penny—Did maladaptive water management sensitize Angkor to the impacts of climate variability?
- 7:15 Christian Isendahl and Michael Smith—Urban agriculture and dispersed housing in the low-density cities of Mesoamerica
- 7:30 Rafael Cobos—Built Environment and Green Landscape: Settlement at the Ancient City of Chichén Itzá
- 7:45 Roland Fletcher—Angkor: Infrastructure, Sacred Management and the Absent State
- 8:00 Robin Coningham—Discussant



**[91] SYMPOSIUM ■ ARCHAEOLOGY AND PALEOECOLOGY IN RANGE CREEK CANYON, UTAH**  
**Room:** 319 (CC)  
**Time:** 6:00 PM–8:45 PM  
**Organizers:** Shannon Arnold and Duncan Metcalfe  
**Chair:** Duncan Metcalfe

**Participants:**

- 6:00 Shannon Arnold—Estimated Population Density and Potential Crop Yields in Range Creek Canyon, Utah
- 6:15 Larry Coats—The Distribution and Variety of High Elevation Sites in Range Creek Canyon, Utah
- 6:30 Rachelle Green—Application of Ethnographic Foraging Catchment Data to Investigate Fremont Settlement Patterns in Range Creek Canyon, Utah
- 6:45 Joel Boomgarden—Experimental Archaeology: Granary Construction in Range Creek Canyon, Utah
- 7:00 Andrea Brunnelle, Larry Coats and Stacy Morris—Figuring it out as we go: Paleoecology in Range Creek Canyon
- 7:15 Joan Coltrain—Evidence for Fremont Maize Farming in the Soil Organic Chemistry of Range Creek Canyon
- 7:30 Isaac Hart—A 4,000 year Pollen Record from Range Creek Canyon, Utah
- 7:45 Corinne Springer and Ann Kelsey—Smoke Signals: Smoke Signals: The positive effects of fire on the germination and growth of *Nicotiana attenuata* (coyote tobacco)
- 8:00 Jamie Clark—Obsidian in Range Creek Canyon: A Sourcing and Hydration Analysis for Lithic Debitage and Tools
- 8:15 Duncan Metcalfe—Time in Range Creek
- 8:30 Kevin Jones—Discussant

**[92] SYMPOSIUM ■ BEYOND DESCRIPTIVE ANALYSIS: RECENT ADVANCES IN THE STUDIES OF LIME PLASTERS**

*(Sponsored by the Society for Archaeological Sciences)*

**Room:** 302/303 (CC)

**Time:** 6:00 PM–8:45 PM

**Organizer:** Tatsuya Murakami

**Chairs:** Luis Barba and Tatsuya Murakami

**Participants:**

- 6:00 Michael Hilton—Lime Plaster Floors—Or Not? A Call for Caution Regarding Field Interpretations
- 6:15 Luis Barba and Isabel Villaseñor—Lime Technology and the Mesoamerican Cultures
- 6:30 Gino Crisci, Donatella Barca and Domenico Miriello—Mortars and plasters characterization and limestone provenance. A methodological approach
- 6:45 Tatsuya Murakami—Lime plaster production and the politics of urban construction at Teotihuacan, Mexico
- 7:00 David McCormick, Ramunas Jakimavicius, Robert Tykot and E. Christian Wells—A Controlled Comparison of Chemical Residues in Plasters and Soils using Portable X-ray Fluorescence Spectrometry
- 7:15 Salvador Domínguez, Alessandra Pecci, Darío Bernal and Daniela Cottica—Residues analyses of Roman floors at the Garum Workshop at Pompeii (Italy)
- 7:30 Alessandra Pecci and Miguel Ángel Cau Ontiveros—Organic chemical analysis of plasters as a way of establishing the function of food production structures in the Roman and Late Roman periods

- 7:45 Gregory Hodgins, Amy Jo Vonarx, Tatsuya Murakami and Arleyn Simon—Radiocarbon Dating Mesoamerican plasters and mortars: a comparative perspective
- 8:00 Carmine Lubritto, Fabio Marzaioli, Sara Nonni and Filippo Terrasi—A novel methodology for mortar radiocarbon dating: isotopic evidences on laboratory and field samples
- 8:15 Ane Soler—Burned and Unburned stuccos employed to improve the paleosecular variation of the geomagnetic field since Prehispanic times
- 8:30 Luis Barba—Discussant

**[93] SYMPOSIUM ■ INTERSECTION OF PERSPECTIVES ON POLITICAL AND ECONOMIC DEVELOPMENT IN THE ANCIENT AMERICAS**

**Room:** 314 (CC)

**Time:** 6:00 PM–8:45 PM

**Organizers:** Giancarlo Marcone and William Locascio

**Chair:** Giancarlo Marcone

**Participants:**

- 6:00 Giancarlo Marcone and William Locascio—Moving from the dichotomy between economic systems and self-aggrandizers. Exploring the Parita valley, Panama and Lurín valley, Peru
- 6:15 Adam Menzies—The mechanics of chiefly cycling episodes in the Central Region of Panama and the Western Venezuelan Llanos
- 6:30 Frances Hayashida, Neil Duncan, David Goldstein and Luis Huamán—Agriculture, Plant Use, and Political Change on the Late Prehispanic North Coast of Peru
- 6:45 Scott Smith—Ceremonialism and the Social Relations of Production during the Late Formative Period (200 BC – AD 500) in the Southern Lake Titicaca Basin, Bolivia
- 7:00 Christina Halperin—Maya Political Economies: Creative Improvisations and Structural Reproductions
- 7:15 Francisco Romano and Carlos Sanchez—Kinship, Land, and Food Production. Socio-economic interactions in pre-Hispanic Alto Magdalena (Colombia) and Oaxaca (Mexico)
- 7:30 Enrique Lopez-hurtado—Domestic Economy and Public Ritual in the Development of Social Power at the site of Panquilma, Peruvian Central Coast
- 7:45 Hugo Ikehara—Economic strategies and Political development during the Formative Period of the Andean North Coast
- 8:00 Mutsumi Izeki and Kazuo Aoyama—Aztec and Classic Maya Socioeconomic Organization and Urbanism
- 8:15 Scott Palumbo—Resource Control and the Evolution of the Complex Society in Western Panama
- 8:30 Randall McGuire—Discussant

**[94] SYMPOSIUM ■ ADVANCES IN GREAT BASIN AND SOUTHWESTERN ARCHAEOLOGY: PAPERS IN HONOR OF DON D. FOWLER**

**Room:** 313 (CC)

**Time:** 6:00 PM–9:00 PM

**Organizer:** Joel Janetski

**Chair:** James Snead

**Participants:**

- 6:00 Melvin Aikens—Introducing Don Fowler
- 6:15 Bruce Huckell—West of the Plains: Paleoindians in the Southwest
- 6:30 Ted Goebel and Joshua Keene—A Critical Review of the "Long Chronology" for

- Stemmed Points in the Intermountain West of North America
- 6:45 Charlotte Beck and George Jones—Moving into the Mid-Holocene: The Paleoarchaic/Archaic Transition in the Intermountain West
- 7:00 Craig Young—From Warner Valley to Honey Lake: Middle Archaic Logistical Mobility in the Western Great Basin
- 7:15 Phil Geib—Basketmaker II Warfare and the Role of "Fending Sticks"
- 7:30 Barbara Roth—Foragers, Farmers, and In Between: Variability in the Late Archaic of Southern Arizona
- 7:45 Steve Lekson—The Later Prehistory of the Great Basin and the Southwest: Thinking about Fremont
- 8:00 Joel Janetski and Richard Talbot—Fremont Social Organization: A Southwestern Perspective
- 8:15 David Thomas—Alta Toquima: Why Do People Chose to Live at 11,000 Feet?
- 8:30 Jack Ives—Resolving the Promontory Culture Enigma
- 8:45 William Lipe—Discussant

**[95] SYMPOSIUM ■ ARQUEOLOGÍA DEL VALLE DE OAXACA: LOS PROYECTOS DE ATZOMPA Y EL CAVO**  
**Room:** 311/312 (CC)  
**Time:** 6:00 PM–9:00 PM  
**Organizers:** Dante Garcia and Nelly Robles  
**Chair:** Jorge Ríos

**Participants:**

- 6:00 Nelly Robles—Atzompa en la definición urbanística y espacial de la antigua ciudad de Monte Albán
- 6:15 Julio Ibarra and Agustín Andrade—El uso del espacio en el Conjunto Monumental de Atzompa
- 6:30 Olga Landa—La arquitectura monumental de Atzompa: Las plataformas exploradas
- 6:45 Jaime Vera—Los complejos residenciales de élite de Atzompa. Un análisis especial
- 7:00 Dante García and Irma Cazares—Hallazgos arqueológicos y gestión en la poligonal de protección del sitio arqueológico de Atzompa
- 7:15 Ricardo Higelin—Estudio bioantropológico de Atzompa a partir de las muestras óseas recuperadas en Tumbas
- 7:30 Jorge Ríos—Un Juego de Pelota en Lambityeco: Consideraciones Preliminares
- 7:45 Pedro Ramón and Paulo Cesar Perez Roman—Entierros y ofrendas en Lambityeco: Nuevas formas de deposición encontradas en contextos tardíos
- 8:00 Iván Olguín—Nuevos datos hacia una reconstrucción hipotética del edificio 37 del Grupo del Adobe en Mitla, Oaxaca
- 8:15 Antonio Martínez and Rubén García Lozano—El tortuoso camino para la Declaratoria de un sitio de Patrimonio Mundial: Las Cuevas Prehistóricas de Yagul y Mitla en los Valles Centrales de Oaxaca, México
- 8:30 Michael Lind—The Zapotec Sacred Calendar: A New Perspective

**[96] GENERAL SESSION ■ RAW MATERIAL ACQUISITION, STONE TOOL PRODUCTION, AND SUBSISTENCE**  
**Room:** 304 (CC)  
**Time:** 6:00 PM–9:15 PM  
**Chair:** Daniel Winkler

**Participants:**

- 6:00 Alexander Woods—Raw Material Selection and Aurignacian Blades from Abri

- Cellier
- 6:15 Peter Topping—The Ritualisation of European Prehistoric Extraction Sites
- 6:30 Steven Brandt and Lucas Martindale Johnson—Lithics, Community Organization and Early State Formation at the Pre-Aksumite site of Mezber, N.E. Ethiopia
- 6:45 Karen Watson—Identifying Factors that Influence Choice of Stone for the Manufacture and Usage of Maize-Grinding Tools in Ancient Mexico
- 7:00 Edgar Huerta and Carl Wendt—Using Petrographic Techniques to Understand the Organization of Olmec Bitumen Processing
- 7:15 Tanya Chiykowski—Domestic production in lithic analysis from Northwest Mexico
- 7:30 Kyle Mullen—A Debitage Analysis at Caesar's Palace
- 7:45 Steven Meredith—Multiple geologic sources of tool stone as an indicator of geographic range of Early Archaic Societies in the Gulf South
- 8:00 Poul Graversen—A Modern Analysis of Petalas Blade Caches in New Jersey and Eastern Pennsylvania
- 8:15 Daniel Winkler—Plainview Technology and Raw Material Conservation in the Western Great Lakes
- 8:30 Vanessa Chang—Technologies of South Yale: an analysis of lithic use to project sedentary lifestyle
- 8:45 Peter Merchant and Kenzie Jessome—Intensive Slate Processing at Ts'unay (Deserted Bay): Evidence for change in land and resource use
- 9:00 Chris Arnett—Evidence of Ritual Activity at an Nlaka'pamux Rock Art Landscape through an Analysis of Lithic Debitage and Glass Shatter

**[97] SYMPOSIUM ■ THE CUTTING EDGE: THE STATE OF PLAY IN WORLD OBSIDIAN STUDIES**  
(Sponsored by Society for Archaeological Science and International Association for Obsidian Studies)  
**Room:** 308 (CC)  
**Time:** 6:00 PM–8:45 PM  
**Organizer:** Tristan Carter  
**Chair:** Carolyn Dillian

**Participants:**

- 6:00 Michael D. Glascock and Jeffrey Ferguson—Obsidian Characterization by Elemental Analysis: The State-of-Play
- 6:15 Alexander K. Rogers and Anna Steffen—How in the world does obsidian hydration work?
- 6:30 Lawrence Anovitz, Mostafa Fayek, David Cole and Tristan Carter—Analysis of Obsidian Hydration: The Current State of the Art
- 6:45 Steven Shackley—Obsidian Provenance Studies in the North American Southwest: Provenance Triumph and Archaeological Success
- 7:00 Robert Tykot—New Approaches to Obsidian Studies in the Central-Western Mediterranean
- 7:15 Daniel Contreras and Nicholas Tripcevich—Retrospect and Prospect for Obsidian Studies in the Central Andes
- 7:30 Carolyn Dillian, Emmanuel Ndiema and David Braun—Archaeological Obsidian Studies in Africa's Rift Valley
- 7:45 Robin Torrence—(Re-) Creating Value: Obsidian Stemmed Tools in Papua New Guinea
- 8:00 Marina Milic—Into the great wide open: Exploration of Carpathian obsidian distribution in prehistory
- 8:15 Tristan Carter—From characterisation to Neolithisation: Using obsidian sourcing to reconstruct the dynamics of socio-economic change in Anatolia during the 10th-7th

millennia BC  
8:30 Tristan Carter—Discussant

**[98] SYMPOSIUM ■ GODS AND HUMAN BEINGS: ANTHROPOMORPHIC REPRESENTATIONS IN HIGHLAND MEXICO FROM PRECLASSIC TO EPICLASSIC**

**Room:** 309/310 (CC)

**Time:** 6:00 PM–9:30 PM

**Organizers:** Brigitte Faugere and Christopher Beekman

**Chair:** Christopher Beekman

**Participants:**

- 6:00 Christopher Beekman—Mesoamerican Symbols of Authority in the Shaft Tomb Figures of West Mexico
- 6:15 Lorenza Lopez Camberos—Representaciones antropomorfas e identidad social en el centro de Jalisco durante el Preclásico tardío y el Clásico temprano
- 6:30 Melissa K. Logan—The Power of Gender: Paired Ceramic Figures in Late Formative West Mexico
- 6:45 Gabriela Urnuela and Patricia Plunket—Costumes and Puppets among Cholula's Early Classic Figurines
- 7:00 Annabeth Headrick—The God's a Stiff: Visual Cues in Teotihuacan Art
- 7:15 Agapi Filini—Transformations of the human social body in Northern Michoacán: from the Preclassic to the Classic
- 7:30 Andrew Turner—The Teotihuacan Tlaloc and the Iconography of Rain in Ancient Central Mexico
- 7:45 Claire Billard—Gods and human beings: anthropomorphic representations in highland Mexico from Preclassic to Epiclassic
- 8:00 Juliette Testard—Personificadoras de Xochitecatl : las figurillas femeninas de la Pirámide de las Flores
- 8:15 Cynthia Kristan-Graham—All the Earth is a Grave: Symbolic Ancestral Burials at Tula Chico and Tula Grande
- 8:30 Susana Ramirez-Urrea de Swartz—The anthropomorphic representation in the Aztatlán Tradition (850-1300 AD), Western Mexico. An approach
- 8:45 John Pohl—Anthropomorphic Imagery in the Nahuatl-Mixteca Style of Highland Mesoamerica
- 9:00 Carlos Viamontes—Las representaciones de la figura humana en el arte rupestre de Guanajuato
- 9:15 Brigitte Faugere—Anthropomorphic figures in the rock paintings of north of Michoacán, Mexico, and the "gift of seeing"

**[99] SYMPOSIUM ■ TREE-RINGS, CLIMATE AND BEHAVIOR: THE LEGACY OF JEFFREY S. DEAN**

**Room:** 204 (CC)

**Time:** 6:00 PM–9:45 PM

**Organizer:** Ronald Towner

**Chair:** Mark Elson

**Participants:**

- 6:00 Richard V. N. Ahlstrom—Temporal and Spatial Scales of Analysis in Puebloan Dendroarchaeology
- 6:15 Mark Elson, Michael Ort, Kirk Anderson, Paul Sheppard and Elizabeth May—A.D. 1064 No More? A Multidisciplinary Re-evaluation of the Date of the Eruption of Sunset Crater Volcano, Northern Arizona
- 6:30 Elizabeth May—Current Research into Sinagua Communities in the Verde Valley,

Arizona

- 6:45 Catherine Cameron and Steve Lekson—The Chronology of Political Interaction on the Southern Colorado Plateau
- 7:00 Mark Varien, Paul Ermigiotti, Scott Ortman and Tim A. Kohler—Estimating Maize Farming Productivity in the Mesa Verde Region: Computer Models and Experimental Gardens
- 7:15 Tim A. Kohler—Understanding Settlement Responses to Low- and High-Frequency Behavior in SW Colorado
- 7:30 Carla Van West and Linda Cordell—Using Tree-ring Data to Explore Community Origins during the Fourteenth Century in Central New Mexico
- 7:45 Ronald Towner—Tree-rings and Early Navajo Social Organization in Dinétah
- 8:00 Peter Mckenna and Thomas Windes—Early Navajo Occupation in East Chaco Canyon, New Mexico
- 8:15 Kerry Thompson—The Navajo Built Environment and 19th Century Federal Indian Policy
- 8:30 Thomas Windes and Peter Mckenna—Renovations at the San Augustin Church, Isleta Pueblo, New Mexico
- 8:45 J. Jefferson Reid—Preshistoric Time and Behavior: Jeffrey S. Dean's Critical Role in Grasshopper Research
- 9:00 Keith Kintigh—Discussant
- 9:15 Stephen Nash—Discussant
- 9:30 Jeffrey Dean—Discussant

**[100] SYMPOSIUM ■ STUDYING BEADS AROUND THE INDIAN OCEAN: NEW APPROACHES, METHODOLOGIES, AND INSIGHTS FROM AN OVERLOOKED ARTIFACT**

**Room:** 307 (CC)

**Time:** 8:30 PM–10:00 PM

**Organizers and Chairs:** Alison Carter and Shinu Abraham

**Participants:**

- 8:30 Alison Carter—Proveniencing Stone Beads: New Insights from LA-ICP-MS analysis of stone beads and geological sources from South and Southeast Asia
- 8:45 Gwen Kelly—Technology, Production and Trade: Beads in the Society and Economy of Early Historic South India (c.300 BCE - 300 CE)
- 9:00 James Lankton, Laure Dussubieux, Bernard Gratuze, Patrick Degryse and Boonyarit Chaisuwan—First Millennium CE Bead Production in Southern Thailand
- 9:15 Laure Dussubieux, Maryse Blet-Lemarquand and Bernard Gratuze—Coloring technologies in ancient South Asian glass: transferred technologies or innovation?
- 9:30 Jonathan Walz—Seemingly Mundane Objects: Shell and Other Beads from Central, Coastwise East Africa, 750–1550 C.E.
- 9:45 Shinu Abraham, P. J. Cherian and Heather Christie—Pattanam/Muziris: The Glass Bead Corpus from an Indian Ocean Port Site on the Malabar Coast of Kerala, India

**Friday Morning ■ April 1, 2011**

**[101] GENERAL SESSION ■ HUNTER-GATHERER STUDIES IN THE AMERICAS-PART 1**

**Room:** 317/318 (CC)

**Time:** 8:00 AM–9:30 AM

**Chair:** Adriana Schmidt Dias

**Participants:**

- 8:00 Pei-Lin Yu and Jackie Cook—Scale, organization, and sustainability in traditional salmon fishing: insights from the ancient technology of the Upper Columbia River
- 8:15 Bryon Schroeder, Richard Adams and Orrin Koenig—Are we There Yet? Numic Expansion Revisited in the Wyoming Region
- 8:30 Robert Brunswig—The Numic Expansion and Colorado's Southern Rockies: The view from North Park Valley and Rocky Mountain National Park
- 8:45 Juan Belardi and Gustavo Barrientos—Hunter-gatherers mobility and guanaco (Lama guanicoe) hunting tactics in the Cardiel Chico plateau (Southern Patagonia, Argentina)
- 9:00 Gustavo Barrientos, Fernando Oliva, Luciana Catella, Jorge Moirano and Cecilia Panizza—The Archaeological Study of a Late Holocene Hunter-Gatherer Population Dispersal in Central Argentina
- 9:15 Adriana Schmidt Dias—Hunter-gatherer occupation of South Brazilian Atlantic Forest: archaeology and paleoenvironment

**[102] SYMPOSIUM ■ NEW PERSPECTIVES ON OLD ISSUES PART II: SPATIAL CONSTRUCTS**

**Room:** 203 (CC)

**Time:** 8:00 AM–9:45 AM

**Organizers and Chairs:** Kaylee Spencer and Maline Werness

**Participants:**

- 8:00 Maline Werness—Space Men: Patrons' and Artists' Use of Ceramic Space to Construct Ideology
- 8:15 Elizabeth Olton—History and Ideology at the Great Plaza, Tikal, C.E. 734
- 8:30 Penny Steinbach—Reconsidering the Jester God, Part II
- 8:45 Michele Bernatz—Near Earth and Sky: The Spatial Realm of the Maya God L
- 9:00 Philippe Bézy—Sound and Space: Maya Shell Trumpets in Ritual Performances
- 9:15 Kaylee Spencer—Locating Palenque's Portraits: Space, Spectatorship, and Identity in Classic Maya Art
- 9:30 Travis Nygard and Linnea Wren—Bridging Archaeological and Art Historical Methodologies in the Cochuah Region of Mexico: A Study of Space at the Maya Site Yo'okop

**[103] GENERAL SESSION ■ MONUMENTAL ART AND ARCHITECTURE IN SOUTH AMERICA**

**Room:** 316 (CC)

**Time:** 8:00 AM–9:30 AM

**Chair:** Ann Laffey

**Participants:**

- 8:00 Jonathan Damp, Amelia Sánchez Mosquera, Angelo Constantine, Nicholas Damp and Patricia Vargas Sánchez—The Chorrera House: Los Samanes and the Late Formative of Ecuador

- 8:15 Ann Laffey—Guerreros, condors, and staff bearers, guardians of ancient Andean time: Monumental calendric reliefs of the Moche and Tiwanaku
- 8:30 Stacy Dunn—Chancay Political Strategies and Economy: A Study of Rural Elite Residences at Quipico, Peru
- 8:45 Jessica Christie—Exporting Inkness: An Argument for Replication in Architecture and Sculpture in the Ayacucho Region
- 9:00 Pablo Cahiza, J.Roberto Bárcena, María José Ots and Jorge García Llorca—Territories, boundaries and communities in the Central West of Argentina (XV and XVI centuries): Archaeological research on relations between local groups and Incas in south-eastern Collasuyo
- 9:15 Jenna Green—Sounds of Ritual: Music Archaeology of the Ancient Andes from the Early Horizon to the Middle Horizon (900 B.C.-A.D. 1000)

**[104] POSTER SESSION ■ A ROAD RUNS THROUGH IT: THE SCHLAGE SITE AND THE ARCHAEOLOGY OF SUB-ROADBED DEPOSITS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** Patricia B Richards

**Chair:** John D. Richards

**Participants:**

- 104-a Kathryn Egan-Bruhy—Oneota Subsistence Adaptation: A View from the Schlage Site
- 104-b Roberta Boczkiewicz—An Analysis of the Schlage Site Faunal Assemblage: Animal Exploitation in an Eastern Oneota Development Horizon Settlement
- 104-c Erin Crowley and Brian Nicholls—A Comparative Perspective on the Schlage Site Oneota Lithic Assemblage
- 104-d John D. Richards—The Archaeology of Sub-Roadbed Deposits and the Developmental Horizon Oneota Occupation of the Schlage Site
- 104-e Patricia B Richards and Ashley Dunford—Formal Burial or Disposal? Human remains recovered from an Oneota site in Calumetville, Wisconsin
- 104-f Seth A. Schneider and John D. Richards—The Schlage Site Ceramic Assemblage: A Comparative Perspective on a New Oneota Variant in Eastern Wisconsin
- 104-g Eric Schuetz and Eric Burant—Analysis of Phytoliths from the Schlage Site in Fond du Lac County, Wisconsin
- 104-h Richard Edwards—Pits, Open Spaces, and Artifact Distributions: A Spatial Analysis of the Schlage Site

**[105] POSTER SESSION ■ COASTAL AND MARITIME ARCHAEOLOGY**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 105-a Lylliam Posadas, Wendy Teeter, Desiree Martinez and Karimah O. Kennedy Richardson—Less is More: Multi-Component Community Space on Pimu Catalina Island
- 105-b Paul Burger—Landscape Models for Early Human Occupation in Offshore Contexts of Southern California
- 105-c Sheel Jagani, Torben Rick and Courtney Hofman—Ancient Oyster Fisheries of the Chesapeake Bay: Methods and Implications
- 105-d Ben Ford and Peter Leach—Through-Ice Ground Penetrating Radar for Shipwreck Identification



- 105-e Garrett Kuiken and Lauren DeOliveira—Preliminary Analysis of a Coastal Californian Chumash Site
- 105-f Emily Whistler, Jennie Allen, William Kendig, Renè Vellanoweth and Lisa Thomas-Barnett—Preliminary Analysis of Middle Holocene Avian Fauna Remains from San Nicolas Island, California
- 105-g Leslie Reeder—GIS and Radiocarbon Dating in the Service of Landscape Archaeology on Santa Rosa Island, California
- 105-h Morgan Wampler—Alea lacta Est: Evidence of Recreational Activities Aboard an 18th Century Spanish Frigate
- 105-i Jennifer Wulffen—Shell concentrations at Caballote, Norte Chico, Peru: Mapping temporary camp sites in the Late Archaic
- 105-j Daniel Cassidy—Three Hundred Years at the Great Carrying Place - Excavations in the Upper Hudson River Valley
- 105-k Courtney Hofman, Jesus Maldonado and Torben Rick—Mice and Man: Ancient DNA Analysis of Deer Mice from Daisy Cave, San Miguel Island, CA

**[106] POSTER SESSION ■ INTERACTION, TRADE, AND EXCHANGE**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 106-a Matthew Pailes—Network Analysis of Household Interaction at a Thirteenth Century Hohokam Village
- 106-b Thomas Hanson, Michaela Grillo and Sonia Alconini—Assessing the Nature and Function of the Inka Imperial Road in the Eastern Bolivian Andes
- 106-c Martin Authier and Manuel Perales Munguía—Dynamics of local and long-distance exchange from 1200 to 400 B.C. at the Castillo de Huaricanga, Fortaleza Valley, Peru
- 106-d Stephanie Salwen—Asphaltum Exchange and Emergent Complexity in California
- 106-e Neil Puckett—Internal Phoenician Trade Networks
- 106-f Melissa Teoh, Sarah McClure and Emil Podrug—Figulina on the Dalmatian Coast: Evidence for Trans-Adriatic Exchange
- 106-g JoAnn Wallace and Jodie O’Gorman—Another Look at the Norris Farms 36 Cemetery, west-central Illinois

**[107] POSTER SESSION ■ IRISH COASTAL LANDSCAPES: DYNAMIC COMMUNITIES AND CHANGING ISLAND LIFE IN WESTERN IRELAND**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Casey McNeill and Meagan Conway

**Chairs:** Meagan Conway and Casey McNeill

**Participants:**

- 107-a Meagan Conway, Casey McNeill, Ian Kuijt and Katherine Shakour—The Archaeology of an American Wake: 19th and 20th Century Immigration, Inishark, Co. Galway
- 107-b Casey McNeill, Meagan Conway, Claire Brown and Ian Kuijt—Microhistories and Residential Genealogies of Domestic Life on Inishark, Co. Galway
- 107-c Alissa Nauman, Ian Kuijt and Nathan Goodale—The Materiality of a Dynamic 19/20th Century Village, Inishark, Co. Galway
- 107-d Ryan Lash, John O’Neill, Terry O’Hagan and Ian Kuijt—Raiders of the Lost Shark: Re-discovering St Leo’s Chapel, Inishark, Co. Galway
- 107-e Phil Lettieri, Claire Brown and Ian Kuijt—Communities on the Move: Demography of Small Island Communities in Famine and Post-Famine Western Ireland

- 107-f Madeleine Gunter, Nathan Goodale, Dave Bailey, Melissa Coles and Ian Kuijt—  
Portable XRF Analysis of Early Medieval Gravestones in Western Ireland

**[108] POSTER SESSION ■ PLEISTOCENE LANDSCAPES, TECHNOLOGIES, AND LIFEWAYS**  
**Room:** East Lobby-Third Floor (CC)  
**Time:** 8:00 AM–10:00 AM

**Participants:**

- 108-a Nazim Hidjrati and Larry Kimball—The Function of Flint Mousterian Tools from  
Myshtulagty Lagat (Weasel Cave), Russia
- 108-b Marieka Brouwer—Simulating Early Holocene Hunter-Gatherer Land Use  
Strategies in the Netherlands
- 108-c Elisabeth Culley, Gabriel Popescu and Geoffrey Clark—The  
Compositional Integrity of the Tabun Facies & the Nature of Pattern in the  
Levantine Middle Paleolithic
- 108-d Todd Koetje, Naomi Cleghorn, Nazim Hidjrati, Larry Kimball and Maria Kanukova—  
The Other Last Neanderthals: Final Mousterian Occupation at Weasel Cave,  
Russia
- 108-e Marc Kissel and John Hawks—Mode 3 tool types and the Homo Helmei  
hypothesis
- 108-f Daniel Gilmour, Virginia Butler, Douglas Kennett, Brendan Culleton and Edward  
Byrd Davis—Chronology and Ecology of Late Pleistocene Megafauna in the  
Northern Willamette Valley, Oregon
- 108-g Simen Oestmo, Benjamin Schoville and Jayne Wilkins—Preliminary Taphonomic  
and Technological Analysis of a Middle Stone Age (MSA) Open-Air Lithic  
Assemblage at Nautilus Bay, Western Cape, South Africa

**[109] POSTER SESSION ■ THE ARCHAEOLOGY OF IRINGA, SOUTHERN TANZANIA**  
**Room:** East Lobby-Third Floor (CC)  
**Time:** 8:00 AM–10:00 AM  
**Organizer and Chair:** Pamela Willoughby

**Participants:**

- 109-a Elizabeth Sawchuk—Analysis of Human Remains at the Mlambalasi Rock Shelter,  
Tanzania
- 109-b Katie Biittner—Characterization of Stone Age Lithic Artifacts from Southern  
Tanzania
- 109-c Anne Skinner, Pamela Willoughby and Clarissa Andre—ESR Dating of Mollusc  
Shells from the Iringa Region, Tanzania
- 109-d Pamela Willoughby—The Archaeology of Iringa, southern Tanzania: An  
Introduction
- 109-e Jennifer Miller—Symbolic Material Culture from Mlambalasi

**[110] FORUM ■ CULTURAL HERITAGE MANAGEMENT AND ARCHAEOLOGICAL RESEARCH IN  
THE AMERICAS AND EUROPE: A FORUM ON SAA AND EUROPEAN ASSOCIATION OF  
ARCHAEOLOGISTS (EAA) COLLABORATION**  
*(Sponsored by SAA Heritage Values Interest Group and ICAHM)*  
**Room:** 311/312 (CC)  
**Time:** 8:00 AM–10:00 AM  
**Organizer:** Peter Biehl  
**Chair:** Douglas Comer

**Participants:**

- Arkadiusz Marciniak—Discussant  
Eszter Banffy—Discussant

Francois Giligny—Discussant  
Hilary Soderland—Discussant  
Christopher Prescott—Discussant  
Maurizio Forte—Discussant  
Petr Kvetina—Discussant  
Willem Willems—Discussant

**[111] ELECTRONIC SYMPOSIUM ■ CURRENT METHODS IN PALEOETHNOBOTANY**

**Room:** 302/303 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Jade D'Alpoim Guedes and John Marston and Christina Warinner

**Chair:** Christina Warinner

**Participants:**

Christina Warinner—From the Ground Up: Advances in Stable Isotope-Based Paleodietary Inference

Alexia Smith—The Use of Multivariate Statistics within Archaeobotany

Shanti Morell-Hart—Paleoethnobotanical Analysis, Post-processing

Dorian Fuller, Alison Weisskopf, Eleanor Kingwell-Banham and Ling Qin—Reconstructing arable rice systems in prehistory

Deborah M. Pearsall—Formation Processes of Pollen and Phytoliths

Jade d'Alpoim Guedes and Robert Spengler—Sampling Strategies in Paleoethnobotanical Analysis

Bruce Smith—Recognizing Human Niche Construction in the Archaeological Record

Patti Wright—Formation Processes of Carbonized Seed Assemblages

Amanda Henry—Formation and taphonomic processes affecting starch grains

John Marston—Ratios and simple statistics in paleoethnobotanical analysis

Timothy Messner and Gary Stinchcomb—Land-use, climate change and C3-dominated environments: furthering the intersection of paleoethnobotanical and geological analyses

Chantel White and China Shelton—Construction and Application of the Hand-Pump Flotation System

Amber VanDerwarker, Jennifer Alvarado and Paul Webb—Analysis and Interpretation of Intrasite Variability in Paleoethnobotanical Remains: A Consideration and Application of Methods at the Ravensford site, North Carolina

**[112] FORUM ■ THE GOOD, THE BAD, AND THE UGLY! SHPO TALES—LEARNING FROM OUR PAST: A DISCUSSION OF CALIFORNIA CASE STUDIES SET WITHIN THE REGULATORY FRAMEWORK OF SECTION 106 OF THE NATIONAL HISTORIC PRESERVATION ACT**

**Room:** 319 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer and Chair:** Susan Stratton

**Participants:**

Dwight Dutschke—Discussant

Ken Wilson—Discussant

Greg Greenway—Discussant

Rolla Queen—Discussant

Trevor Pratt—Discussant

Ed Carroll—Discussant

Tristan Tozer—Discussant

- [113] SYMPOSIUM ■ RESEARCH IN ARCHAEOLOGICAL LITERACY: CONSENSUS BUILDING, CONCEPTUAL UNDERSTANDING, CULTURAL LANDSCAPES, AND SOCIAL NETWORKING**  
**Room:** 301 (CC)  
**Time:** 8:00 AM–10:30 AM  
**Organizers:** Jeanne Moe and Helen Keremedjiev  
**Chair:** Helen Keremedjiev

**Participants:**

- 8:00 Jack Fisher, Helen Keremedjiev, Michael Brody and Jeanne Moe—Archaeological Science for All: Archaeology and Science Literacy  
8:15 Helen Keremedjiev—Public Archaeology and Conflict Narratives: On-Site Interpretation Practices at Historic Battlefields in Montana  
8:30 Bob King and Jeanne Moe—Teaching Archaeology at National Boy Scout Jamborees: Experiences, Issues, and New Ideas for the Future  
8:45 Erika Malo—How the Central Aleutians Upland Archaeological Project is using social networking and video as outreach  
9:00 Jeanne Moe—Archaeology and Conceptual Understanding of Science Inquiry  
9:15 Crystal Alegria, Shane Doyle, Steve Platt, Steve Aaberg and Jeanne Moe—Baa Xiash A Lee Kio: A Collaborative Archaeology Education Project  
9:30 Ivy Merriot and Jan Sublett—Archaeoastronomy Education  
9:45 Jeff Bendremer—Training Tribal Archaeologists and Tribal Historic Preservation Staff: Curriculum Development and Pedagogical Challenges  
10:00 Maureen Malloy—Discussant  
10:15 Gwynn Henderson—Discussant

- [114] SYMPOSIUM ■ ADVANCES IN THE PREHISTORY OF THE SOUTHERN CAUCASUS**  
**Room:** 104/105 (CC)  
**Time:** 8:00 AM–10:30 AM  
**Organizers:** Zinovi Matskevich and Bastien Varoutsikos  
**Chair:** Bastien Varoutsikos

**Participants:**

- 8:00 David Lordkipanidze—First Homo in the Caucasus  
8:15 Reid Ferring—Archaeological Evidence from Dmanisi, Georgian Caucasus, for the Earliest Occupations of Eurasia  
8:30 Daniel Adler, R. Pinhasi, B. Yeritsyan, Boris Gasparian and K. Wilkinson—Current Palaeolithic research at Nor Geghi 1 and Lusakert Cave 1, Armenia  
8:45 Anna Belfer-Cohen—The Nature of the Georgian UP as recognized from the sites of Dzudzuana and Kotias Klde  
9:00 Tengiz Meshveliani and Zinovi Matskevich—The Neolithic transition in the south-western Caucasus  
9:15 Gregory Areshian and Boris Gasparian—Patterns of Cave Occupation during the Pre-Subboreal Holocene of the Caucasus and Central Near Eastern Highlands  
9:30 Bastien Varoutsikos and Christine Chataigner—Obsidatabase Project : Collecting and organizing data on Prehistoric Caucasian and Near Eastern obsidian  
9:45 Charles Egeland, Boris Gasparian, Dmitri Arakelyan, Robert Ghukasyan and Christopher Nicholson—Excavations at new open-air Middle Paleolithic sites in the Debed River Valley, Armenia  
10:00 Ofer Bar-Yosef—Discussant  
10:15 C.C. Lamberg-Karlovsky—Discussant

**[115] GENERAL SESSION ■ ARCHAEOLOGICAL APPLICATIONS OF GIS, GPR, AND REMOTE SENSING**

**Room:** 305 (CC)

**Time:** 8:00 AM–10:15 AM

**Chair:** Janet Brashler

**Participants:**

- 8:00 Michiel Kappers, Frederik W. Schnitger and Scott M. Fitzpatrick—Development of an Integrated Database and Geographical Information System for Archaeological Site Recording and Management
- 8:15 Ginessa Mahar—Archaeological Geophysics as Primary Data
- 8:30 J. Scott Cardinal—Facilitation of site delineation and assessment through GIS
- 8:45 Rebecca Nathan and Anthony Krus—Angel Mounds GIS: Visualizing Old Data in New Ways
- 9:00 Janet Brashler, Laura Sherrod and Donald Gaff—Remote Sensing at the South Flats Earthwork, 20MU2
- 9:15 Stephanie Rost, David Wright and M.K. Woodson—Application of Remote Sensing Technologies for Understanding Buried Canals on the Gila River Indian Community, Arizona
- 9:30 Matt Stirn—Alpine Estates: A GIS Predictive Model in Wyoming's Wind River Range
- 9:45 Suzanne Stone and Judy Berryman—The Las Flores Estancia (CA-SDI-812/H)-GPR Mapping, Site Definition and Lost Features
- 10:00 Raymond Whitlow—The Geography of Cucuteni-Arsius sites and the role of the Eastern Carpathian Mountains in the Romanian Eneolithic

**[116] SYMPOSIUM ■ EXCHANGE, PRODUCTION, POWER, AND CONTROL IN ANCIENT MESOAMERICA: NEW EVIDENCE, CONCEPTS, AND CHALLENGES TO UNDERSTANDING INTERREGIONAL ECONOMY**

**Room:** 202 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizers:** Arthur Demarest, Chloe Andrieu and Geoffrey Braswell

**Chairs:** Arthur Demarest and Christopher Pool

**Participants:**

- 8:00 Thelma Sierra, Andrea Cucina, T Douglas Price, James H Burton and Vera Tiesler—Production, Exchange and Population Mobility During the Classic Period. A View from the port of Xcambó, Yucatan, Mexico
- 8:15 Jason Barrett—Social Adaptations to Critical Resource Availability, Control, Exploitation, and Depletion among the Lowland Maya
- 8:30 Adrián Velázquez Castro and Emiliano Melgar—Tenochcan Palace Productions of Shell and Lapidary Objects
- 8:45 Diane Chase and Arlen Chase—An Ancient Maya Economic System: Archaeological Data and Caracol, Belize
- 9:00 Silvia Dominguez and Alejandro Pastrana—Teotihuacan: Explotación, Talla Y Uso De La Obsidiana Verde
- 9:15 Geoffrey Braswell—Production, Distribution, and Control: Maya Obsidian in the Classic to Postclassic Periods
- 9:30 Linda Manzanilla—Intermediate Elite Control of Craft Production and Sumptuary Good Exchange in Barrio Centers at Teotihuacan (Classic Period)
- 9:45 Chloe Andrieu and Kazuo Aoyama—Lithic Production and Distribution in the Maya Lowlands: Implications for Centralized vs. Decentralized Economic Power
- 10:00 Erick Rochette—Out of control?: Rethinking assumptions about wealth goods

- production and the Classic Maya  
10:15 Arthur Demarest—International Exchange, State Controlled Craft Production and Political Hegemony at Cancuen: Changing Classic Maya Political Economy on the Eve of Collapse  
10:30 Kenneth Hirth—Discussant  
10:45 Christopher Pool—Discussant

**[117] SYMPOSIUM ■ THE CHACO-TO-POST-CHACO TRANSITION IN THE NORTHERN SAN JUAN REGION**

**Room:** 307 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer and Chair:** Susan Ryan

**Participants:**

- 8:00 Susan Ryan—Syntagms, Paradigms, and Practice: A Semiotic Approach to Kiva Architecture during the Chaco-to-Post-Chaco Transition in the Northern San Juan Region  
8:15 Grant Coffey—Transition and Continuity: Settlement Patterns and Social Implications in the Goodman Point Area  
8:30 Fumi Arakawa and Jamie Merewether—Evaluating Chaco Influences in the Central Mesa Verde Region Using Material Culture during the Chaco and Post-Chaco Periods  
8:45 Kristin Kuckelman—Violence during the Chaco to post-Chaco Transition in the Northern San Juan Region  
9:00 Donna Glowacki—An Intraregional Assessment of the Post-Chaco Transition in Central Mesa Verde  
9:15 Winston Hurst and Catherine Cameron—Continuity and Change: Exploring the Chaco to Post-Chaco Transition in Southeastern Utah  
9:30 Brenda Todd—Chaco, Chimney Rock, and the Local Community  
9:45 Jason Chuiyka—The Legacy of Chaco in the Upper San Juan Region, A.D. 900-1200  
10:00 Paul Reed—Holding on as Chaco Fell: Salmon Pueblo in the Twelfth Century  
10:15 Gary Brown—The Transition Between Chacoan Colony and Center of the Middle San Juan Region: A View from Aztec Ruins  
10:30 Steve Lekson—Discussant  
10:45 Keith Kintigh—Discussant

**[118] FORUM ■ USING THE DIGITAL ARCHAEOLOGICAL RECORD (TDAR) FOR MANAGEMENT AND RESEARCH**

**Room:** 103 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer and Chair:** Francis McManamon

**Participants:**

- Tim A. Kohler—Discussant  
Dean Snow—Discussant  
Christopher Fennell—Discussant  
James Wilde—Discussant  
Paul Green—Discussant  
Terry Childs—Discussant  
Jeffrey Altschul—Discussant  
Jon Czaplicki—Discussant

Kate Spielmann—Discussant  
Shelby Manney—Discussant  
Joshua Watts—Discussant

**[119] SYMPOSIUM ■ ANCIENT MAYA AGROFORESTRY AND WATER MANAGEMENT SYSTEMS AT TIKAL**

**Room:** 306 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizers:** David Lentz, Nicholas Dunning and Vernon Scarborough

**Chair:** Kim Thompson

**Participants:**

- 8:00 Nicholas Dunning, Robert Griffin, John Jones, Christopher Carr and Kevin Magee—Life on the Edge: Tikal and the Bajo de Santa Fe
- 8:15 Christopher Carr, Eric Weaver, Nicholas Dunning and Vernon Scarborough—Bringing the Penn Tikal Project Maps into the Era of Electronic GIS
- 8:30 David Lentz, Kim Thompson, Angela Hood, Carmen Ramos and Kevin Magee—Resilience and Long-Term Sustainability: Agroforestry Studies of the Ancient Maya at Tikal
- 8:45 Vernon Scarborough, Liwy Grazioso, Brian Lane, Christopher Carr and Eric Weaver—The Wet and the Dry: Water Management and the Built Environment at Tikal
- 9:00 Kim Thompson, David Lentz and Theresa Culley—Ancient practices and diverse habitats: Impact on genetic structure of *Manilkara zapota*
- 9:15 Ken Tankersley, Nicholas Dunning and Vernon Scarborough—Developing a Tephrochronology and Paleoenvironmental Record from Tikal's Anthropogenic Reservoirs
- 9:30 John Jones, Nicholas Dunning and David Lentz—Typha Tales: Paleoenvironmental Analysis of Two Tikal Aguadas
- 9:45 Eric Coronel, David Lentz, Nicholas Dunning, Vernon Scarborough and Richard Terry—Phosphate prospection for ancient middens at Tikal, Guatemala
- 10:00 Palma Buttles and Fred Valdez—Material Culture and the Maya of Tikal: Results from Recent Research
- 10:15 Brian Lane and Vernon Scarborough—Terrestrial Coring Techniques and Water Management
- 10:30 Eric Weaver, Chris Carr, Nicholas Dunning and Vernon Scarborough—Examining landscape modifications for water management at Tikal using 3-dimensional modeling with ArcGIS
- 10:45 Payson Sheets—Discussant
- 11:00 Mark Brenner—Discussant

**[120] SYMPOSIUM ■ CLOVIS: CURRENT PERSPECTIVES ON TECHNOLOGY, CHRONOLOGY, AND ADAPTATIONS (PART I)**

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

**Room:** 315 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizer and Chair:** Ashley Smallwood

**Participants:**

- 8:00 Ashley Smallwood and Thomas Jennings—Introduction to Clovis: Current Perspectives on Technology, Chronology, and Adaptations
- 8:15 Juliet Morrow—Clovis-era Lithic Technology in the Midcontinent
- 8:30 Thomas Loebel—Go.Stop.Go: Colonization of the Western Great Lakes

- 8:45 Metin Eren—Clovis Technology in the North American Lower Great Lakes region
- 9:00 Randolph Daniel and Albert Goodyear—North Carolina Clovis
- 9:15 C. Andrew Hemmings and Thomas Loebel—Clovis writ small: The Mineer site (Vernon) fluted point assemblage of east central Arizona reexamined
- 9:30 Charlotte Pevny—Clovis Biface Reduction Debitage
- 9:45 Michael Rondeau—Fluted Point Studies in the Far West
- 10:00 Patrick O'Grady and Scott Thomas—Clovis in Oregon: Recent Investigations in the Northern Great Basin
- 10:15 Ken Reid and Matthew Root—Clovis in Idaho: Chronology and Technology
- 10:30 Guadalupe Sanchez, John Carpenter and Vance Holliday—Sonoran Clovis Groups: Lithic technological Organization and Land Use
- 10:45 Anthony Ranere and Richard Cooke—Clovis and Other Fluted Point Traditions in Central and northern South America
- 11:00 Kelly Graf—Was Clovis in Beringia? Current Status on Fluted Point Archaeology in Alaska

**[121] SYMPOSIUM ■ EXAMINING THE COMPLEXITY AND DIVERSITY OF THE HISTORIC CARIBBEAN: CURRENT RESEARCH INTO THE HISTORICAL ARCHAEOLOGY OF THE CARIBBEAN**

**Room:** 309/310 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizers:** Todd Ahlman and Gerald Schroedl and Bobby Braly

**Chair:** Gerald Schroedl

**Participants:**

- 8:00 Todd Ahlman, Gerald Schroedl, Barbara Heath, Grant Gilmore and Jeffrey Ferguson—An examination of inter- and intra-island trade of Afro-Caribbean ware in the Lesser Antilles
- 8:15 Bobby Braly, Todd Ahlman and Gerald Schroedl—Expedient Stone and Glass Tools from Enslaved African Contexts on St. Kitts' Southeastern Peninsula
- 8:30 Fraser Neiman, Jillian Galle and Barbara Heath—Afro-Caribbean ceramics and the economic dynamics of slave-village life on Nevis and St. Kitts
- 8:45 Jillian Galle, Fraser Neiman and Leslie Cooper—Market participation and adaptive advantage among enslaved households in the Caribbean and Chesapeake
- 9:00 Grant Gilmore—A Cradle of Capitalism: St. Eustatius in the Atlantic World
- 9:15 Mark Hauser and Jerome Handler—Archaeological implications for the comparison of three cottage industries: Ethnographic and documentary observations about the introduction of the Monkey and Coal Pot
- 9:30 Diane Wallman—Subsistence and Slavery on a French Colonial Plantation: The Analysis of Faunal Remains from Habitation Crève Cœur, Martinique
- 9:45 Theresa Singleton—Paradise or Hell? Archaeological implications for Contrasting Views of Cuban Coffee Landscapes
- 10:00 Carter Hudgins and Eric Klingelhofer—Lost and Found: Jamestown, Nevis and the Calculation of Urbanization in the Early English Caribbean
- 10:15 Gerald Schroedl—Patterns of Inequality at the Brimstone Hill Fortress, St. Kitts West Indies
- 10:30 Ashley McKeown and Elizabeth A. DiGangi—If the rum don't kill me, I'll live until I die: A bioarchaeological study of British soldiers from St. Kitts, West Indies
- 10:45 Zach Beier—"All peaceable and quiet": Reading the Role of Military Labor at the Cabrits Garrison, Dominica (1765-1854)
- 11:00 Paul Farnsworth—Discussant



**[122] SYMPOSIUM ■ AGAINST OBJECTIVIZED SUBJECTS: ALTERNATIVE NARRATIVES IN ARCHAEOLOGY**

**Room:** 313 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizers:** Ruth Van Dyke and Reinhard Bernbeck

**Chair:** Reinhard Bernbeck

**Participants:**

- 8:00 Ruth Van Dyke—Imagined Subjects Speak: Phenomenology and Creative Nonfiction
- 8:15 Sarah Nelson—Sex and Violence in the Archaeological Record, a Gendered Approach
- 8:30 Mary Praetzelis and Adrian Praetzelis—Archaeologists as Storytellers: The Docudrama
- 8:45 Reinhard Bernbeck—From Archaeological Knowledge to Narratives without Subjects
- 9:00 Ruth Tringham—Creating Narratives of the Past as Recombinant Histories
- 9:15 Jonathan Thomas—The Anthropologist as Writer
- 9:30 Mark Pluciennik—Authoritative and ethical voices: from diktat to dirigisme
- 9:45 Phillip Tuwaletstiwa and Judy Tuwaletstiwa—Ways of Seeing
- 10:00 James Gibb—Up from Flatland: Discovering Three-Dimensional Characters through Alternative Narrative Forms
- 10:15 Isaac Gilead—Limits of Archaeological Emplotment: The Case of Nazi Extermination Centers
- 10:30 Rosemary Joyce—Generic archaeology: Changing the packaging, or changing the product?
- 10:45 Douglass Bailey—Discussant
- 11:00 Sarah Pollock—Discussant

**[123] SYMPOSIUM ■ SMALL ISLANDS, BIG IMPLICATIONS: THE CALIFORNIA CHANNEL ISLANDS AND THEIR ARCHAEOLOGICAL CONTRIBUTIONS**

**Room:** 314 (CC)

**Time:** 8:15 AM–11:30 AM

**Organizers:** Christopher Jazwa and Jennifer Perry

**Chairs:** Christopher Jazwa and Kristin Hoppa

**Participants:**

- 8:15 Todd Braje, Jon Erlandson and Torben Rick—Paleocoastal Technologies on California's Northern Channel Islands
- 8:30 Jim Cassidy—A Technological Exploration of Prehistoric Native American Seafaring
- 8:45 Jeanne Arnold, Eric Fries, Lana Martin and Stephanie Salwen—From Paleoclimate to Ancient Production Systems: Current Channel Islands Research
- 9:00 Kristin Hoppa—Terrestrial Resources During the Middle Holocene: A View from Santa Cruz Island
- 9:15 Kristina Gill—Plant Exploitation in Island Interiors - Paleoethnobotanical Investigations at an Interior Bedrock Mortar Site
- 9:30 Christopher Jazwa, Douglas Kennett and Bruce Winterhalder—Testing Predictions of a Human Settlement Model on California's Northern Channel Islands
- 9:45 Amy Gusick—Behavioral Adaptations and Mobility of Early Holocene Hunter-Gatherers, Santa Cruz Island, California

- 10:00 Wendy Teeter, Desiree Martinez and Karimah O. Kennedy Richardson—Human occupation and environmental interactions within the Southern Channel Islands
- 10:15 Richard Guttenberg, William Kendig, Rebekka Knierim, Steven Schwart and Renè Vellano—GIS as a Tool for Analyzing Intrasite Spatial Variability on San Nicolas Island
- 10:30 Michael Glassow—Settlement Systems on Santa Cruz Island and the Other Channel Islands at 6000 BP
- 10:45 Ivan Strudwick—Pimu, the Final Chapter: Historic Accounts concerning the Native Depopulation of Santa Catalina Island, California
- 11:00 Terry Hunt—Discussant
- 11:15 Michael Jochim—Discussant

**[124] GENERAL SESSION ■ HISTORICAL ECOLOGY AND ANTHROPOGENIC CHANGE IN THE AMERICAS**

**Room:** 304 (CC)

**Time:** 8:00 AM–11:00 AM

**Chair:** David Yesner

**Participants:**

- 8:00 David Yesner and Norman Easton—Archaeology and Paleoecology of Eastern Beringia, 1990-2010
- 8:15 Shari Silverman—Geoarchaeological Representation of Human-Altered Environments in the Pacific Northwest
- 8:30 Kate Shantray and Brandy Rinck—Using Delta Geomorphology to Formulate a Working Model of Buried Archaeological Sites: A Case Study from the Puyallup Delta, Tacoma, Washington
- 8:45 Emily Culver and Ken Tankersley—Chronology and Paleoenvironmental Record of Newark's Great Circle
- 9:00 Madeleine McLeester—The Archaeology of an Industrialized Environment: Tackling the Environmental Archaeology of the Hidden, Obscured, and Erased Past of the Calumet Region
- 9:15 Jason De Leon, Robyn Dennis, Aaron Naumann, Consuelo Crow and Michael Wells—"By the Time I get to Arivaca": A Phenomenological Approach to Modern Undocumented Migration in Southern Arizona.
- 9:30 Gabriella Soto—The Undocumented Landscape: Transience and Subsistence at the Border
- 9:45 Jennifer Rozo—Transforming Landscapes, Transforming Lives: A Political Ecology of Plants, People, and Pueblos in Spanish Colonial New Mexico
- 10:00 Patrick Wilkinson and Marieka Arksey—Pachychilus as a Sub-local Climate Proxy in the Southern Maya Lowlands
- 10:15 Meghann O'Brien, Deborah M. Pearsall and Lisa Sattenspiel—The Identification of Prehistoric Amazonian Slash-and-Burn Cultivation Practices Using an Agent-Based Model
- 10:30 Juliana Machado—Engendered Landscape Transformations: Women's Social Network and the Construction of Places in the Amazon Region
- 10:45 Umberto Lombardo, Heinz Veit and Anna Plotzki—Driving forces behind Pre-Columbian Human Occupation patterns in Bolivian Amazonia

**[125] SYMPOSIUM ■ FROM THE CIUDADELAS OF CHAN CHAN TO THE PLATFORMS OF FARFÁN: PAPERS IN HONOR OF CAROL J. MACKEY**

**Room:** 204 (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers and Chairs:** Robyn Cutright and John Warner

**Participants:**

- 8:00 Alana Cordy-Collins—Professor Carol J. Mackey: Homenaje
- 8:15 Oscar Prieto—Cuando los dioses ganaron sus colmillos: the beginning of the North Coast fierce fang tradition
- 8:30 John Warner—An Examination of Architectural Continuity and Discontinuity from the North Coast of Peru
- 8:45 David Chicoine and Hugo Ikehara—Cercaduras, Cuidadelas, and Early Urbanism on the North Coast of Peru: A Reconsideration of the Salinar Phenomenon
- 9:00 Lisa Trever and Jorge Gamboa Velasquez—Articulating the Moche Presence at Pañamarca through Architecture and Painting
- 9:15 Edward Swenson—The Search for Moche Thirdspace: The Politics of Place-Making in Andean Prehistory
- 9:30 Joanne Pillsbury—Architecture and Ritual on a Lambayeque Vessel
- 9:45 Thomas Pozorski and Shelia Pozorski—Taukachi Tardio: A Late Site of the Casma Culture within the Casma Valley of Peru
- 10:00 Melissa Vogel—Casma Architecture Takes its Place on the North Coast Continuum
- 10:15 Howard Tsai—The Domestic Architecture of Las Varas
- 10:30 William Sapp—Finding the Palace of a Lambayeque Lord
- 10:45 John Topic—The Arcones at Chan Chan: Contexts and Contents
- 11:00 Robyn Cutright—Comparing Chimú and Inka Strategies at Farfán and in the Jequetepeque Countryside
- 11:15 Abigail Levine—Mold-Made Pottery and Temporal-Spatial Dynamics at Farfán during the Late Horizon
- 11:30 Carol Mackey—An Inca Transformation of a Chimu Sacred Space
- 11:45 Jerry Moore—Discussant

**[126] SYMPOSIUM ■ FRYXELL SYMPOSIUM: PAPERS IN HONOR OF R. LEE LYMAN**

**Room:** 308 (CC)

**Time:** 8:00 AM–12:00 PM

**Organizers and Chairs:** Virginia Butler, Michael O'Brien and Christyann Darwent

**Participants:**

- 8:00 Michael O'Brien—R. Lee Lyman's Contributions to Zoological Sciences
- 8:15 Alan Outram and Richard Evershed—A comparison of the middle-range processes affecting sub-fossil, chemical residue and stable isotope evidence, with a consideration of their differing quantitative value within zooarchaeological studies
- 8:30 Mike Cannon—Experimental Data on Relationships among Bone Fragmentation, Quantification Measures, and Volume Density
- 8:45 Mary Stiner and Natalie D. Munro—Site formation processes and economic intensification from the Upper Paleolithic through Mesolithic at Franchthi Cave, Greece
- 9:00 James Savelle and Arthur Dyke—Paleontological and zooarchaeological evidence for Thule Inuit as bowhead whale hunters
- 9:15 Christyann Darwent—Evolution of Pinniped Hunting: A View from the Top
- 9:30 Diane Gifford-Gonzalez—Zooarchaeology as Historical Ecology: A Case from the

- Northeastern Pacific
- 9:45 David Schmitt and Karen Lupo—On Early and Middle Holocene Environmental Change in the Eastern Great Basin: Some Additional Small-Mammal Data from Bonneville Estates Rockshelter
- 10:00 Karen Schollmeyer and Jonathan C. Driver—Settlement Patterns, Source-Sink Dynamics, and Artiodactyl Hunting in the Prehistoric U.S. Southwest
- 10:15 Jack Broughton, R. Kelly Beck, Dennis H. O'Rourke and Alan R. Rogers—Did Aboriginal Hunters Cause a Population Bottleneck In California Elk? A Test Using Ancient DNA and Implications for Prehistory and Resource Management
- 10:30 Steve Wolverton—Data Quality in Paleozoological Faunal Identification
- 10:45 Lisa Nagaoka—The challenges with communicating paleozoological data: Lessons from the overkill debate
- 11:00 Virginia Butler and J. Tait Elder—Does the absence of evidence mean an evidence of absence? Applying zooarchaeological records to fish conservation issues in the Upper Columbia River
- 11:15 Fiona Marshall and Cheryl Asa—African wild ass behavior, domestication, and conservation
- 11:30 Keith Dobney—Big questions and new techniques: The role of zooarchaeology in 21st century research agendas
- 11:45 R. Lee Lyman—Discussant

**[127] FORUM ■ PROFESSIONALISM: GETTING THE JOB AND FINDING SUCCESS IN THE REAL WORLD**

*(Sponsored by Student Affairs Committee)*

**Room:** 317/318 (CC)

**Time:** 10:00 AM–12:00 PM

**Organizers:** Kim Christensen and Laura Short

**Chair:** Laura Short

**Moderator:** Marijke Stoll

**Participants:**

Barnet Pavao-Zuckerman—Discussant

Mary Maniery—Discussant

Ben Ford—Discussant

**[128] SYMPOSIUM ■ CURRENT RESEARCH IN COPÁN ARCHAEOLOGY**

**Room:** 203 (CC)

**Time:** 10:00 AM–11:45 AM

**Organizer and Chair:** Kristin Landau

**Participants:**

- 10:00 Heather Richards-Rissetto and Jennifer von Schwerin—Visualizing Copan: 3D Perspectives from an Ancient City
- 10:15 Kristin Landau—Measuring Social Interaction within Copán's Communities
- 10:30 Allan Maca, Gregorio Perez, Katherine Miller and Shannon Plank—El Bosque, Copan: Evidence and Implications of Urbanization at AD 600
- 10:45 Molly Fierer-Donaldson—Teotihuacan Warrior Costumes in Classic Maya Tombs
- 11:00 Gregorio Perez Martinez and Allan Maca—Ethnographic archaeology and community collaboration in Ostuman, Copan
- 11:15 Argi Diez—Arqueología Infantil en una Comunidad Maya-Ch'orti'
- 11:30 Eva Martinez—Discussant

**[129] GENERAL SESSION ■ PALEOETHNOBOTANICAL STUDIES IN THE AMERICAS**

**Room:** 311/312 (CC)

**Time:** 10:15 AM–12:00 PM

**Chair:** Myrtle Shock

**Participants:**

- 10:15 Thaddeus Bissett and Stephen Carmody—Diet breadth in the Middle Archaic Midsouth: Paleobotanical and faunal evidence for resource abundance during the Hypsithermal Interval.
- 10:30 Stephen Carmody and Kandace D. Hollenbach—The Role of Gathering in Middle Archaic Social Complexity in the Midsouth: A Diachronic Perspective
- 10:45 Johanna Talcott—Paleoethnobotany of the Salt Springs Archaeological Site, Marion County, Florida
- 11:00 Myrtle Shock—Paleoethnobotanical study of central Brazilian rockshelters, 500 to 8000 BP.
- 11:15 Neil Duncan—Early Tropical Forest Cultigens or Interregional Exchange? Exogenous Plants at Late Preceramic Buena Vista, Central Coast of Peru
- 11:30 BrieAnna Langlie and José Capriles—Plants in a Pastoral Economy: Macrobotanical Analysis of a Formative Wankarani Site
- 11:45 Stacy Hackner, Maria Cecilia Lozada and Augusto R. Cardona—Us and Them: Molle and Maize Beer in the South Central Andes

**[130] FORUM ■ THE NEW GRADUATE EDUCATION: MASTER'S PROGRAMS IN APPLIED ARCHAEOLOGY**

**Room:** 316 (CC)

**Time:** 10:15 AM–12:15 PM

**Organizer:** Emily Jones

**Participants:**

- TJ Ferguson—Discussant
- Sarah Neusius—Discussant
- Bonnie Pitblado—Discussant
- Ann Ramenofsky—Discussant
- Brent Weisman—Discussant
- Michael Graves—Discussant
- Kerry Thompson—Discussant
- Mark Pluciennik—Discussant

**[131] GENERAL SESSION ■ HOUSEHOLDS AND COMMUNITIES IN MESOAMERICA -PART 1**

**Room:** 104/105 (CC)

**Time:** 11:00 AM–12:00 PM

**Chair:** Ernesto Gonzalez-Licon

**Participants:**

- 11:00 Carl Wendt—Household Archaeology at the Olmec Site of Los Soldados
- 11:15 Tatiana Young—Occupation and Abandonment of sites in the Coahuah Region, Quintana Roo, Mexico
- 11:30 Ernesto Gonzalez-Licon—Archaeology and ethnohistory of Mexicapan: A marginal barrio at Monte Albán, Oaxaca, Mexico.
- 11:45 Elise Alexander—Postclassic Jalieza: a hillside settlement in the Valley of Oaxaca, Mexico

**[132] GENERAL SESSION ■ COASTAL ARCHAEOLOGY IN THE AMERICAS**

**Room:** 302/303 (CC)

**Time:** 10:30 AM–11:45 AM

**Chair:** Sean Brown

**Participants:**

- 10:30 Micah Hale—A 10,000 year old habitation in La Jolla: Implications for trans-Holocene adaptive stability in Southern California
- 10:45 Michael Merrill—Chumash Giant Keyhole Limpet Artifacts from Middle period Phase 2a (200 BC to AD 200), 5c and Late period Phase 1a (AD 1050-1250): Restricted Currency, Badges of Leadership/Status, and Open Currency
- 11:00 Sean Brown and Matthew Des Lauriers—The Persistence of the Commons: A View from Isla Cedros, Baja California
- 11:15 Carol Colaninno-Meeks—Comparing the Growth of Late Archaic and Modern Hardhead Catfish (*Ariopsis felis*) Populations from the Georgia Coast (USA)
- 11:30 Jennifer Lapp—The shell mounds of LaFlor, Nicaragua and their significance in Nicaraguan prehistory.

**[133] GENERAL SESSION ■ PALEOECOLOGY AND PALEOENVIRONMENTS OF AFRICA AND EURASIA**

**Room:** 319 (CC)

**Time:** 10:30 AM–11:45 AM

**Chair:** Arlene Rosen

**Participants:**

- 10:30 Paul Thacker—Landform Evolution and the Early Upper Paleolithic of Central Portugal
- 10:45 Paul Sereno, Lamya Khalidi, Christopher M. Stojanowski and Hélène Jousse—Human Succession under Environmental Stress at the Holocene Lake-Margin Site of Gobero, Republic of Niger (7600 – 2000 cal BC)
- 11:00 Kristy Dahlstrom, Veronica Waweru and Cynthia Peterson—Thermoluminescence dates from the Pastoral Neolithic GvJm Lukenya Hill site, Kenya
- 11:15 Arlene Rosen—Geoarchaeological Research in the Lands of Qufu
- 11:30 Tristram Kidder and Min Li—Geoarchaeology of China's Pompeii: The Sanyangzhuang Site, Henan Province

**[134] POSTER SESSION ■ ARCHAEOLOGICAL RESEARCH AT PETRIFIED FOREST NATIONAL PARK, AZ**

*(Sponsored by Petrified Forest National Park)*

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Organizers and Chairs:** Jason Theuer and Gregson Schachner

**Participants:**

- 134-a Gregson Schachner, Wesley Bernardini, Kellam Throgmorton and Matthew Peeples—Revisiting Twin Butte: Early Pueblo Period Archaeology in the Petrified Forest of Arizona
- 134-b Wendi Field Murray and Jason Theuer—Where Archaeology Meets Paleontology: Fossils as Cultural Resources in Petrified Forest National Park
- 134-c Adam White and Jason Theuer—Motivations Behind Stone Choice in Groundstone at Petrified Forest National Park
- 134-d Cole Wandler, Jason Theuer, Francis Smiley and Meghann Vance—The Rainbow Forest Horse Barn: A Multi-component Paleoindian Site in Petrified Forest National Park, Arizona

- 134-e Jason Theuer, Gregson Schachner and Wesley Bernardini—Pueblo IV Settlement Patterns in Petrified Forest National Park, AZ.
- 134-f Niccole Cerveney, Casey Allen and Ronald Dorn—The Rock Art Stability Index: Contributing to Resource Preservation while Engaging Introductory Level College Students in Science Through Culture

**[135] POSTER SESSION ■ ARCHAEOLOGY OF THE AMERICAN SOUTHWEST-PART 1**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 135-a Cerisa Reynolds—Dinner at the Darkmold Site: Faunal Remains from a Basketmaker II Site in Southwestern Colorado
- 135-b Christina Sampson and Lisa Young— Flooding and Ritual Closure at a Small Pueblo in Northeastern Arizona
- 135-c Kimberley Ryan and Reese Cook—The Shortest Distance: New Evidence Suggesting Prehistoric Line-of-Sight Relationships among the Phoenix Basin Hohokam
- 135-d Hannah Ney and Samuel Levy—Sinagua Farming and the Landscape: Micro-environmental GIS Analysis
- 135-e Jennifer Clinton, Robin Lyle and Steve Wolverton—Changes in Turkey Exploitation by Ancestral Puebloans: Remodeled Bone Breakage from the Mesa Verde Region and Beyond
- 135-f Evangelia Tsesmeli—Prehistoric Settlement and Continuity in the Middle Rio Puerco Valley
- 135-g Albert Gonzalez—Timber Exploitation, Charcoal Production, and Hispanic Anxiety in Nineteenth-Century Northern New Mexico
- 135-h Caitlin Wichlacz and Andrew Duff—Survey of Three Pueblo II Community Centers in West-Central New Mexico
- 135-i John Murphy—Using a supercomputer to explore an archaeological complex system: The (new) Hohokam Water Management Simulation
- 135-j Alyson Thibodeau, John Chesley and Joaquin Ruiz—Determining the source of turquoise at Pueblo Bonito, Chaco Canyon, New Mexico

**[136] POSTER SESSION ■ ARCHAEOLOGY OF THE AMERICAN SOUTHWEST-PART 2**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 136-a Samantha Fladd—The Social Power of Jaws: A Case Study of Isolated Mandibles and Maxillae in Chaco Canyon, New Mexico
- 136-b Stephen Janes—An Ancient North American Linescape
- 136-c Sharon Hull, Mostafa Fayek and F. Joan Mathien—Turquoise Procurement and Exchange Patterns between Three Ancestral Puebloan Great Houses
- 136-d Saul Hedquist, Alyson Thibodeau, E. Charles Adams and David Killick—Sourcing Homol'ovi I Turquoise Through Lead and Strontium Isotopic Analyses
- 136-e Michael Pool and Michael McGuirt—Agricultural Degradation and the Geoarchaeology of Upper Cameron Creek, NM
- 136-f Sam Duwe—A History of Immigration and Settlement in the 'New World' of the Rio Chama Valley, New Mexico
- 136-g Matthew Chamberlin and Julie Solometo—Religious life in troubled times: ritual and conflict in the early plaza pueblos, Salinas, New Mexico
- 136-h Theodore Roberts—Payson Tradition Fieldhouses

- 136-i Lewis Borck—A Gallina Gateway: Movement and migration through the ancestral puebloan landscape

**[137] POSTER SESSION ■ EIGHT YEARS OF COOPERATIVE RESEARCH BETWEEN PIMA COMMUNITY COLLEGE AND THE BUREAU OF LAND MANAGEMENT IN WEST-CENTRAL ARIZONA**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Organizer:** Tineke Van Zandt

**Chair:** David Stephen

**Participants:**

- 137-a Tineke Van Zandt—The Lower Hill Fort in Regional Context  
137-b David Stephen—Lost and Found: Camp Wood at the turn of the 20th Century  
137-c Helen O'Brien, Jennifer DeJongh and Lea Mason-Kohlmeyer—Research Methodology, Implementation and Student Field Training for the Burro Creek – Pine Creek Archaeological Survey  
137-d Tim Watkins and David Stephen—Integrating education, research and resource management at Burro/Pine Creek  
137-e Jon Boyd and Jonathan Haller—Life on the Edge: Lithic sources in the Burro Creek/Pine Creek region  
137-f Stephanie Tackett and Ashley D'Elia—Distribution of groundstone in relationship to the topography and vegetation of the Burro Creek/Pine Creek Archaeological Survey area  
137-g Kimberlie Booth—Projectile Point Typology and Distribution in the Burro Creek/Pine Creek Survey Area

**[138] POSTER SESSION ■ LIFE, DEATH, AND SURVIVAL IN THE BLACK RANGE**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Organizer and Chair:** Eleanor King

**Participants:**

- 138-a Shawn Fields and Eleanor King—Unearthing the History of a Ghost Town: A Report on Recent Excavations at Hermosa  
138-b Beverly Chiarulli and Donna Smith—Geophysical Investigations of Two Locales Near Hermosa, New Mexico  
138-c Christopher Adams and Joe Encinas—Archaeological Investigations of the Victorio Campaign: New Insights on the May 24-25, 1880 Palomas Fight, New Mexico Territory  
138-d Kathrina Aben—Comparison of Miner Encampments in the Black Range Mountains, New Mexico  
138-e Ishan Gordon—The Hidden Life of Ojo Caliente  
138-f Amelia Swygert—The Configuration and Use of Structures at Fort Ojo Caliente  
138-g Karina Montez—The Apache Wars: Exploring Intertribal Relationships During the Late 1800s



**[139] POSTER SESSION ■ MODERN PEOPLE ON HISTORICAL LANDSCAPES**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Organizers:** Sarah Herr and Michael Lindeman

**Chair:** Sarah Herr

**Participants:**

- 139-a Michael Lindeman—2000 Years of Occupation in the Southern Tucson Basin
- 139-b David Wright, J. Andrew Darling, Craig Fertelmes, Steven Forman and Michael Waters—The Archaeology of Dust: Historical Roots of a Modern Problem
- 139-c Sarah Herr, Michael Diehl and Michael Sullivan—To Everything there is a Season: Western Apache Land Use in the Mogollon Rim Region, Arizona
- 139-d Joelle Clark—Footprints of the Ancestors: Hopi Intergenerational Learning
- 139-e Eric Kaldahl—The Tohono O'odham Nation Museum: One Native Nation's Presentation of their People and their Land
- 139-f Wesley Bernardini, Alicia Barnash and Nathan Strout—"Process Cartography" and the Ancestral Hopi Landscape
- 139-g Lisa Young and Douglas Gann—The Pit and the Podcast: Interpretive Collaboration at Homol'ovi
- 139-h Douglas Gann—Chuk Son to Tucson - Exploring 4000 Years of Human Experience in the Tucson Basin through the Digital Humanities

**[140] GENERAL SESSION ■ TRADE AND INTERACTION IN THE OLD WORLD**

**Room:** 301 (CC)

**Time:** 11:00 AM–12:00 PM

**Chair:** Amanda Logan

**Participants:**

- 11:00 Benjamin Mutin—Cultural Dynamics in Southern Middle-Asia during Protohistory (6th – 3rd millennium BC): an overview based on recent researches on ceramic traditions
- 11:15 Carla Klehm—Local Impacts of Long-Distance Trade: Hinterland relationships at Bosutswe in Iron Age Botswana
- 11:30 Amanda Logan—Food Security and Paleoethnobotany of the Recent Past: A Case Study from Ghana
- 11:45 Kathryn Franklin—Making a Space of Trade in the Medieval Armenian Highlands: An Integrated Approach to Political Economy and Landscape

**Friday Afternoon ■ April 1, 2011**

**[141] GENERAL SESSION ■ MORTUARY ANALYSIS IN THE AMERICAN MIDWEST**

**Room:** 317/318 (CC)

**Time:** 1:00 PM–2:00 PM

**Chair:** Kathleen Foley Winkler

**Participants:**

- 1:00 Robert Jeske—Red Ochre Mortuary Sites in Southeastern Wisconsin
- 1:15 Jason King—Variability in Middle Woodland Mortuary Practices at the Pete Klunk (11C4) and Gibson (11C5) Sites
- 1:30 Kathleen Foley Winkler—Oneota and Langford Mortuary Practices from Eastern Wisconsin and Northeast Illinois
- 1:45 Emily Schach—A multi-regional analysis of Ohio Hopewell gender

**[142] GENERAL SESSION ■ ADVANCES IN AND APPLICATIONS OF XRF AND LA-ICP-MS**

**Room:** 301 (CC)

**Time:** 1:00 PM–2:45 PM

**Chair:** Marco Meniketti

**Participants:**

- 1:00 Catherine Jones—A Pilot Study of the Application of Energy Dispersive X-Ray Fluorescence to the Identification of Individual Human Remains
- 1:15 Marcy Rockman, Paul Pettitt and Simon Chenery—The Cretaceous and the Creswellian: New LA-ICP-MS Analysis of the Use and Movement of Flint during the Early Occupation of Late Glacial Britain
- 1:30 Elizabeth Pintar, Jorge Martínez, Michael D. Glascock and Jorge Funes—Obsidian Sourcing and Mobility Strategies in a High Elevation Desert in NW Argentina
- 1:45 James Davenport and Kit Nelson—Compositional Analysis Using pXRF of Ceramic Pastes and Pigments from the Late Intermediate Period of the North Central Coast of Perú
- 2:00 Dean Arnold, Bruce Bohor, Hector Neff, Gary Feinman and Ryan Williams—Indigenous Knowledge and the Sources of Palygorskite used in Maya Blue
- 2:15 Marco Meniketti—Traditions and Transitions: pXRF Trace Element Analysis of Carib and Afro-Caribbean Wares, Nevis
- 2:30 Tiequan Zhu—The Scientific Study on the Exported Porcelains from Xicun Kiln in Guangzhou

**[143] ELECTRONIC SYMPOSIUM ■ MORTUARY PRACTICES IN THE AMERICAN SOUTHWEST: META-DATA ISSUES IN THE DEVELOPMENT OF A REGIONAL DATABASE**

**Room:** 302/303 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** M. Scott Thompson and Gordon Rakita

**Chair:** M. Scott Thompson

**Participants:**

- M. Scott Thompson—A Preliminary Database of Hohokam Mortuary Practices in the Salt River Valley, Phoenix Basin
- Gordon Rakita—The Mortuary Practices of the Casas Grandes Region: A Preliminary Database
- James Watson—Distances in Space and Time: Issues with a Mortuary Database of the First Farmers in the Southern Southwest
- Ann Stodder—Context as Key for Understanding Mesa Verde Mortuary Data at Local and

Regional Scales

Todd Howell—In With the Old: Examining Issues in Using Older Mortuary Data

Nancy Akins—Exploring Mortuary Variability in the Northern Rio Grande

Pat Gilman and Alison K. Livesay—Mortuary Data from the Mimbres Region of Southwestern New Mexico

Michael O'Hara—Creating Local and Regional Contexts for Understanding Sinagua Mortuary Practices

**[144] FORUM ■ PLANNING FOR ARCHAEOLOGICAL DIGITAL DATA MANAGEMENT**

**Room:** 103 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** Francis McManamon, Eric Kansa and Sarah Kansa

**Chair:** Sarah Kansa

**Participants:**

John Yellen—Discussant

Julian Richards—Discussant

Eric Kansa—Discussant

Keith Kintigh—Discussant

Joshua Wells—Discussant

**[145] SYMPOSIUM ■ RESEARCH UTILIZING THE MAYA HIEROGLYPHIC DATABASE**

**Room:** 203 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizer and Chair:** Martha Macri

**Participants:**

1:00 James D. Sarmento—A Grapheme Inventory for Maya Hieroglyphic Database

1:15 Claire Ebert, Keith Prufer and Douglas Kennett—Terminal Long Count Dates & the Disintegration of Classic Period Maya Polities

1:30 Martha Macri—Dialectology of the Classic Maya

1:45 David Mora-Marín—A Historical Sociolinguistic Study of Two Morphological Markers in Classic Lowland Mayan Inscriptions

2:00 Michael Grofe—The Astronomical Associations of Uhuk Chapat Tz'ikin K'inich Ajaw: archaeoastronomy using the Maya Hieroglyphic Database

2:15 Gabrielle Vail—Painted Texts from the Northern Maya Lowlands: The Classic to Postclassic Transition

2:30 Matthew Looper—Spelling Conventions for Passive Verbs in the Maya Script

2:45 Jessica Munson—Discussant

**[146] SYMPOSIUM ■ THREE-DIMENSIONAL ARCHAEOLOGICAL MODELING: THEORY, METHOD, PRACTICE**

**Room:** 316 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizer and Chair:** Jennifer Campbell

**Participants:**

1:00 Jennifer Campbell—Using Two-dimensional Data to Form Three-dimensional Worlds: Moving from Survey to Structure in a Virtual Realm

1:15 Sebastian Warmlander, Michael Neiss and Sabrina Sholts—3D-model Analysis of Scandinavian Viking Age Brooches

1:30 Sabrina Sholts—Three-dimensional modeling of the human skull: An outline-based analysis of prehistoric cranial morphology on the northern Channel Islands

- of California
- 1:45 Maurizio Forte—3D-Digging at Çatalhöyük
- 2:00 Robert Warden and Julie Rogers—Scale matters: 3D technologies and information with the Maya Research Program in Belize
- 2:15 Elaine Sullivan—3D modeling and the 4th dimension: Reconstructing place through time at Egyptian cult sites
- 2:30 Donald Sanders—Real-Time 3D Modeling for Archaeological Excavation, Analysis, and Publication using the REVEAL Documentation and Display System
- 2:45 Richard Levy, Peter Dawson, Chris Tucker and Lyle Dick—Inveniam viam aut faciam: Using 3D Laser Scanning to Digitally Capture Fort Congers, a Historic Arctic Exploration Base on Ellesmere Island, Nunavut, Canada

**[147] SYMPOSIUM ■ TRATAMIENTO FUNERARIO EN EL NOROESTE DE MÉXICO**

**Room:** 305 (CC)

**Time:** 1:00 PM–3:15 PM

**Organizers:** Elisa Villalpando and John Carpenter

**Chair and Moderator:** Guadalupe Sanchez

**Participants:**

- 1:00 Cristina Garcia—Tratamiento mortuario en el sitio Batacosa
- 1:15 Adrián López Dávila—Funeral practices on the Central Coast of Sonora, near the tideland Tastiota
- 1:30 Carlos Cruz, Silvia Nava, Jessica Cerezo Roman, James Watson and Elisa Villalpando—Cremaciones de Tradición Trincheras
- 1:45 Júpiter Martínez—Oqui Ochoa; a funerary bundle of Opata origin?
- 2:00 Antonio Porcayo and Juan Martín Rojas—Keruk: Revisión Arqueológica de las Costumbres Funerarias de Baja California (Norte)
- 2:15 María de la Luz Gutiérrez—Beyond the Threshold: Mortuary Customs and Worship to the Caves in the Prehistory of Central Baja California, Mexico
- 2:30 John Carpenter and Guadalupe Sanchez—Burial Practices in Viejo Cinaloa
- 2:45 Sophie Kohl—Mortuary Practices at Paquimé and in the Casas Grandes Region
- 3:00 José Luis Punzo—Tratamientos funerarios entre los xiximes de la Sierra Madre Occidental, en el estado de Durango, México

**[148] SYMPOSIUM ■ ANCIENT MAYA WATER AND LAND MANAGEMENT: INQUIRY INTO THE ORGANIZATION OF COMMUNITY IN THE EASTERN PETÉN**

**Room:** 306 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** Rissa Trachman and Marisol Cortes Rincon

**Chair:** Rissa Trachman

**Participants:**

- 1:00 Kirby Farah—Archaeology of Maya Water and Land Management: Past, Present and Future
- 1:15 Rissa Trachman, Kirby Farah and Thomas Ewing—Water to Power: Tracing Notions of Management from an Ancient Water System in Northwestern Belize
- 1:30 Jana Murdock—The Role of Environmental Degradation in Collapse as Studied Through the Ancient Maya in the Eastern Petén Forest of Northwestern Belize
- 1:45 Sheryl Luzzadder-Beach, Timothy Beach, Stephen Houston and Thomas Garrison—Investigating Water Management Structures at El Zotz, Peten
- 2:00 Sarah Boudreaux, Marisol Cortes Rincon and Jaimie Baxter—Overview of Settlement Survey Studies at Programme for Belize Archaeological Project (PbAP)
- 2:15 Marisol Cortes Rincon, Sarah Boudreaux and Jaimie Baxter— Dos Hombres to

- Gran Cacao Settlement Survey Project: Preliminary Findings
- 2:30 Nick Brokaw, Sheila Ward, Stanley Walling and Marisol Cortes Rincon—Trees at ancient Maya sites in northwest Belize
- 2:45 Jamie Baxter—Spatial Visualization: Dos Hombres to Gran Cacao Settlement Survey
- 3:00 Nicole DeFrancisco—Water, Blood and Life: An analysis of Late Classic lowland Maya water management at the local level
- 3:15 Jon Hageman and David Goldstein—Acting Locally: Rural Ancient Maya Farming Communities and Resource Organization
- 3:30 Walter Clifford—The Distribution of Paleoethnobotanical Remains from a Late Classic Maya Site in Northwestern Belize

**[149] SYMPOSIUM ■ ISSUES IN THE SOCIAL EVOLUTION OF PERIPHERAL NORTHEAST ASIA: FROM TRIBES TO STATES**

**Room:** 104/105 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizers and Chairs:** Ken-ichi Sasaki and Martin Bale

**Participants:**

- 1:00 Martin Bale—Periphery of a Periphery? Socio-political Development and Subsistence Patterns of the Taehwa River Basin in Southeast Korea, c. 1500-300 BC
- 1:15 Shozo Iwanaga—Position of the Yayoi Society in the Context of Social Evolution and a Re-examination of the Concept of Chiefdom
- 1:30 Bong Won Kang—A Social Reconstruction of the Korean Bronze Age: Based on the Dolmens Discovered in the Southeastern Korea
- 1:45 Bumcheol Kim—Overheated Competition and Erroneous Investment: Monumentality and Political Economy in the Bronze Age, Central-western Korea
- 2:00 Ji-Hyun Rachel Lee and Ho Pil Yun—Social and Spatial Changes in the Early Villages of South Korea
- 2:15 Sung-joo Lee—Understanding Leadership Types from Burials
- 2:30 Ken-ichi Sasaki—Autonomous Role of Peripheral Polities in the Process of State Formation in Japan
- 2:45 Hiroto Takamiya—The Evolution of Complex Societies on the Islands of Okinawa, Japan
- 3:00 Yutaka Tanaka—Contribution of the 'Burial Group of Chiefly Lineage' Approach to Japanese Archaeology and Issues Related to this Approach
- 3:15 Kaoru Akoshima—The Tagajo Fort Site and frontier processes in northeastern Japan during the eighth century A.D.
- 3:30 Sunmi Park—The Buffer Zone Trade in Manchuria and the Korean peninsula c. third century BC to third century AD.

**[150] SYMPOSIUM ■ NATIONAL GUARD CONTRIBUTIONS TO NORTH AMERICAN STUDIES OF PREHISTORY**

*(Sponsored by National Guard Bureau)*

**Room:** 319 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** Ethan Bertrando, Jake Fruhlinger and Karen Kempton

**Chair:** Ethan Bertrando

**Participants:**

- 1:00 Amie Gray and Christy Smith—Ruts, Bullets, and Beads: The Archaeology of Contested Landscapes
- 1:15 Karen Kempton—Twenty Years of Contributions to Wyoming Archaeology

- 1:30 William Norton and Mark Basgall—Stuck in the Middle: On the Nature of Coastal-Interior Interactions
- 1:45 Jennifer Farquhar, Ryan Brady and John Ellison—Flaked stone studies at Camp Roberts California Army National Guard Training Installation: Theoretical underpinnings and contributions to California Central Coast Prehistory
- 2:00 Karin Pitts and Kristina Gill—Modeling Small Seed Efficiency as a Food Source in the South Coast Range
- 2:15 Ethan Bertrando—Culture as Constraint on Costly Signaling Theory: Gender Roles and Social Stratification Influencing “Show-Off” Behavior and the Archaeological Record in Central California
- 2:30 Brady Guthrie, Sam Smith and Jonathan Dugmore—Site Integrity within National Guard Training Lands
- 2:45 Jake Fruhlinger and Jessica Dougherty—Techniques for Site Management within National Guard Training Areas
- 3:00 Shaun Nelson, Aaron Jordan and John Crane—Backhoe Village Revisited: Results from Recent Excavations at the Richfield Armory.
- 3:15 Regina Meyer—I Want to be Indiana Jones When I Grow Up
- 3:30 Rebecca Klein—Bridging the Gap: Better Archaeology through Public Outreach

**[151] SYMPOSIUM ■ PREHISTORIC OCCUPATION IN THE BALLONA LAGOON, WEST LOS ANGELES**

**Room:** 311/312 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** Seetha Reddy and John Douglass

**Chairs:** John Douglass and Seetha Reddy

**Participants:**

- 1:00 Jeffrey Altschul, Richard Ciolek-Torrello and Donn Grenda—Long Term Research in the Ballona Wetlands of west Los Angeles, California
- 1:15 Diane Douglas and Jeffrey Homburg—Paleoenvironmental and Landscape Reconstruction of the Ballona in West Los Angeles
- 1:30 Donn Grenda, John Douglass and Richard Ciolek-Torrello—Changing Patterns of Settlement and Site Structure in the Ballona Area, west Los Angeles
- 1:45 Sarah Van Galder, Seetha Reddy, Justin Lev-Tov and Richard Ciolek-Torrello—A Balanced Diet: Subsistence Practices in the Ballona, Coastal Southern California
- 2:00 Scott Kremkau, Seetha Reddy and Kathleen Hull—Knapping through time along the coast: Lithic Technologies in the Ballona, West Los Angeles
- 2:15 Amanda Cannon and Janet Griffiths—From Land to Sea: The Worked Shell and Bone Collections from the Ballona, West Los Angeles, California
- 2:30 Christopher Garraty—The Post-Conquest Origins of Pottery among the Tongva-Gabrielino: Indigenous Brown Wares from the Ballona
- 2:45 Seetha Reddy, John Douglass and Donn Grenda—Public Feasting and Mourning during the Mission Period in the Ballona, West Los Angeles
- 3:00 John Douglass, Steven Hackel, Anne Stoll and Richard Ciolek-Torrello—Early Historical Period Gabrielino/Tongva-Hispanic Interaction in the Los Angeles Basin
- 3:15 Richard Ciolek-Torrello, Seetha Reddy, John Douglass and Donn Grenda—Contributions of Ballona Research to Gabrielino/Tongva Prehistory and Ethnohistory
- 3:30 John Johnson—Discussant

**[152] SYMPOSIUM ■ REMEMBERING AND COMMEMORATING: THE MORTUARY ARCHAEOLOGY AND BIOARCHAEOLOGY OF ANCIENT NEAR EASTERN SOCIETIES**

**Room:** 204 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** Benjamin Porter and Alexis Boutin

**Chair:** Benjamin Porter

**Participants:**

- 1:00 Stuart Smith and Michele Buzon—Identity, Commemoration and Remembrance in Colonial Encounters: Burials at Tombos during the Egyptian New Kingdom Nubian empire and its aftermath.
- 1:15 Jessica Kaiser—The Wall of the Crow Cemetery in Giza, Egypt: Remembering the Children
- 1:30 Glenn Schwartz—Remembering and Forgetting the Dead in 3rd-2nd Millennium BC Syria: Umm el-Marra 2010 Results
- 1:45 Christina Torres-Rouff, William Pestle and Blair M. Daverman—An Attempt at Re-Contextualizing Bodies and Lives: The 'A Cemetery' at Kish
- 2:00 Basak Boz and Lori Hager—Intramural Burial Practices at Çatalhöyük, Central Anatolia, Turkey
- 2:15 Helen Dixon—Commemoration at Khaldeh: Reconstructing Burial Practices in the Phoenician Homeland
- 2:30 Margaret Judd—Remembrance, Relics and Recovery at Mount Nebo, Jordan
- 2:45 Jaime Ullinger, Susan Sheridan and Lesley Gregoricka—Group Inclusion in the Early Bronze Age Cemetery at Bab edh-Dhra', Jordan
- 3:00 Lesley Gregoricka—Mobility and tomb membership in Bronze Age Arabia using strontium isotope analysis
- 3:15 Alexis Boutin and Benjamin Porter—Dying in Dilmun: Revisiting the Peter B. Cornwall Collection
- 3:30 Jennifer Piro and Sheel Jagani—Animals and mortuary practices in the ancient polity of Dilmun (Bahrain) from the late 3rd millennium BCE to the end of the 1st millennium CE

**[153] SYMPOSIUM ■ ARCHAEOLOGICAL CARTOGRAPHIES**

**Room:** 308 (CC)

**Time:** 1:00 PM–4:15 PM

**Organizer and Chair:** James Flexner

**Participants:**

- 1:00 Mark Bowden and David McOmish—Archaeological mapping: the British tradition
- 1:15 Jun Sunseri—Cartographies of the State: Landscape archaeology of a colonial frontier
- 1:30 Kathleen Sterling and Sebastien Lacombe—Mapping to See Beyond the Site
- 1:45 James Flexner—Top-Down Maps, Bottom-Up Histories: The Plan View and Archaeological Ways of Seeing
- 2:00 Tom Dye and Maurice Major—Mapping the Dynamic Traditional Hawaiian Built Environment
- 2:15 Matthew Russell—An Archaeological History of Historical Archaeology: Using Real-Time Kinematic GPS for Site Mapping to Locate Previous Excavations
- 2:30 Rachel Giraudo—Mapping Intangible Heritage at the Tsodilo Hills
- 2:45 Alex Morrison, Chris Lee, Carl Lipo and Terry Hunt—[Multi-stage Remote Sensing Applications for Mapping Archaeological Features and Landscape Characteristics: A Case Study from Rapa Nui, Chile]
- 3:00 Jana Morehouse—Hydrology, GIS, and LiDAR: A Waiapuka Case Study

- 3:15 Anabel Ford—Maya Population and the Traditional Maya Milpa-Forest Garden  
3:30 Philip Buckland, Erik Eriksson and Johan Linderholm—Mapping, querying and presenting multiproxy environmental archaeology  
3:45 Peter Whitridge—On the track of the track: human and animal paths in the Arctic  
4:00 Ruth Van Dyke—Discussant

**[154] GENERAL SESSION ■ ARCHAEOLOGICAL EDUCATION AND PUBLIC OUTREACH IN THE AMERICAS**

**Room:** 304 (CC)

**Time:** 1:00 PM–4:15 PM

**Chair:** Kirk French

**Participants:**

- 1:00 Kirk French and Jason De Leon—Sleeping with the Enemy: A Lesson in Archaeological Ethics and Television Production  
1:15 Victor Fisher—Images of Environmental Archaeology  
1:30 Dennis Griffin—Education Through Recreation: Celebrating Oregon's Cultural Heritage through Theme-based Playing Cards  
1:45 Sara Turner—All About Archaeology  
2:00 Angela Lockard Reed—Archaeology Service-Learning: An After-School Program  
2:15 Alejandra Figueroa Flores—Increasing the impact of museums: education programs as tools for development  
2:30 Noah Thomas—Making Archaeology Relevant for a Diverse Public: Exhibit Planning and Display at the Small Adobe Interpretive Center, Olivas Adobe, Ventura, California  
2:45 Rebecca Schwendler—Using Backyard Archaeology to Foster Cultural Resource Preservation  
3:00 Kristin Swanton—Public Archaeology and Landowner Support at the Battle of Mystic Fort  
3:15 Antoinette Collins—Resting in the Shadow of the Ruins: The Weymouth Burial Grounds Mapping Project  
3:30 Beth Padon—Public Partnership in Site Preservation: Volunteer Site Stewards in California  
3:45 Catherine Glidden and Ben Rodd—Rethinking the National Register Criteria for Tribal Sites  
4:00 Laurie Rush—Heritage Forward Lessons Learned

**[155] SYMPOSIUM ■ CLOVIS: CURRENT PERSPECTIVES ON TECHNOLOGY, CHRONOLOGY, AND ADAPTATIONS (PART II)**

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

**Room:** 315 (CC)

**Time:** 1:00 PM–4:45 PM

**Organizer and Chair:** Thomas Jennings

**Participants:**

- 1:00 David Kilby—A Regional Perspective on Clovis Blades and Caching Behavior  
1:15 Heather Smith and Ashley Smallwood—Variability in Clovis Point Shape in North America Using Geometric Morphometrics  
1:30 Derek Anderson, D. Shane Miller and William Haas—Reconceptualizing Clovis Mobility: Sites and Projectile Point Distributions in North America  
1:45 D. Shane Miller—Rivers, Rocks and Eco-Tones: Modeling Clovis Landscape-Use in the Southeastern United States



- 2:00 Thomas Jennings and Ashley Smallwood—An Analysis of Clovis Site Types and Occupation Patterns: Exploring Homogeneity and Variability within Clovis Settlement
- 2:15 Vance Holliday—Geoarchaeology and Paleoenvironments of the Clovis Occupation in the Southwestern U.S. and Northwestern Mexico
- 2:30 Leland Bement and Brian Carter—From Mammoth to Bison: Changing Clovis Prey Availability at the End of the Pleistocene
- 2:45 Joseph Gingerich and Nathaniel Kitchel—Early Paleoindian Subsistence Strategies in Eastern North America: A continuation of the Clovis tradition? Or evidence of regional adaptations?
- 3:00 Mark Collard, Briggs Buchanan, Marcus Hamilton and Michael O'Brien—Testing hypotheses about the Early Paleoindians with radiocarbon dates
- 3:15 Mary Prasciunas and Todd Surovell—Reevaluating the Duration of Clovis: the Problem of Non-Representative Radiocarbon Dates
- 3:30 Stuart Fiedel—The Clovis-Era Radiocarbon Plateau
- 3:45 Michael Waters—Clovis Chronology and Origins
- 4:00 Gary Haynes—Nearly Visible Stirrings a Thousand Years Before the Clovis Era?
- 4:15 David Meltzer—Discussant
- 4:30 Ted Goebel—Discussant

**[156] SYMPOSIUM ■ HUMAN SACRIFICE ON THE NORTH COAST OF PERU: NEW PERSPECTIVES FROM DIACHRONIC AND MULTIDISCIPLINARY STUDIES OF ANCIENT RITUAL KILLING**

**Room:** 307 (CC)

**Time:** 1:00 PM–4:45 PM

**Organizer:** Haagen Klaus

**Chair:** J. Marla Toyne

**Participants:**

- 1:00 Laurel Hamilton—Sharp Force Trauma in Moche Sacrifice
- 1:15 Heather Backo—Huaca de la Luna Plaza 3A and the Taphonomy of Human Sacrifice
- 1:30 Rose Tyson and Alana Cordy-Collins—Ritual Bloodletting as Preliminary to Decapitation: A New Interpretation of the Evidence from El Cuarto de los Craneos at Dos Cabezas
- 1:45 Haagen Klaus and Izumi Shimada—Bodies and Blood: Evidence and Interpretation of Middle Sicán Human Sacrifice on the North Coast of Peru, A.D. 900-1050
- 2:00 Catherine Gaither, Jonathan Bethard, Jonathan Kent, Teresa Rosales Tham and Víctor Vásquez Sánchez—Traditions of Mortuary Patterns and Human Sacrifice at Santa Rita B in the Middle Chao Valley, Peru
- 2:15 J. Marla Toyne—Life before death: Human sacrifice, paleopathology, and cultural identity from Templo de la Piedra Sagrada, Túcume, Peru
- 2:30 JoEllen Perez, Haagen Klaus, Joseph Luce, Fausto Saldaña and Carlos Wester—Sacrifice as an act of creation: generative violence and ritual killing of women and children at Chotuna, Lambayeque Valley, Peru (A.D. 1375-1532).
- 2:45 Jean-Francois Millaire—Pots and Posts: Propitiatory Ritual at Huaca Santa Clara in the Virú Valley, Peru.
- 3:00 Sylvia Bentley and Haagen Klaus—Reconsidering Retainers: Offerings, Sacrifice, and Burial in Ancient Peru
- 3:15 Andrew Nelson and Carol Mackey—A Reanalysis of the Avispas Burial Mound at Chan Chan

- 3:30 Sara Phillips—Foreign fighters and civilian casualties: differentiating armed combatants and civilians in Peru's human sacrificial record  
3:45 John Verano—Human Sacrifice in Northern Peru: Continuity or Diversity?  
4:00 Tiffany Tung—Discussant  
4:15 Vera Tiesler—Discussant

**[157] SYMPOSIUM ■ MESOAMERICAN ORIGINS: PAPERS IN HONOR OF MARY D. POHL**

**Room:** 202 (CC)

**Time:** 1:00 PM–4:45 PM

**Organizers and Chairs:** Joshua Englehardt and Daniel Seinfeld

**Participants:**

- 1:00 Daniel Seinfeld—Maize Agriculture and the Origins of Sociopolitical Complexity at San Estevan, Belize  
1:15 Nicholas Hopkins—The Origin of the Southern Mayan Languages  
1:30 Michael Carrasco and Joshua Englehardt—The Cascajal Block and the Olmec Origins of Mesoamerican Writing  
1:45 Guy Hepp—The Material Culture of Early Sedentism in Coastal Oaxaca: Probable Early Formative Ceramics from La Consentida  
2:00 Jon Spenard—Pioneering the Underworld: Mary Pohl's Contributions to the Origins of a Self-Conscious Cave Discipline  
2:15 John Clark—Tracking the Origins of Agriculture in Middle America  
2:30 Marilyn Masson—Animal Husbandry, Veneration, and Sacrifice at Mayapan: Mundane-to-Sacred Economic Linkages in the Land of Turkey and Deer  
2:45 Travis Doering—Formative Period Obsidian Analysis  
3:00 Chris von Nagy—Coastal deltaic dynamics, human settlement, and ancient Olmec polities in Tabasco, Mexico  
3:15 David Cheetham—Cunil Horizon Pottery at Pulltrowser Swamp, Belize  
3:30 Diana Fridberg and David Freidel—Thinking about Turtles at El Perú-Waka', Petén  
3:45 Lori Collins, Travis Doering and Mary Pohl—The La Venta Stone Monument Documentation Project: New Directions in Iconography and Preservation Opportunities for Carved Stone Monuments in Mesoamerica  
4:00 Joshua Englehardt and David Lentz—Early Precolumbian Agriculture and the Evolution of Anthropogenic Mesoamerican Landscapes  
4:15 John Pohl—Discussant  
4:30 Mary Pohl—Discussant

**[158] SYMPOSIUM ■ ENRICHING ARCHAEOLOGICAL STUDIES: THE CONTRIBUTIONS OF ROCK ART TO THE ARCHAEOLOGICAL UNDERSTANDING IN THE PREHISTORIC WESTERN UNITED STATES AND THE PACIFIC RIM**

*(Sponsored by Rock Art Interest Group)*

**Room:** 314 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Donna Gillette and Nancy Olsen

**Chair:** Donna Gillette

**Participants:**

- 1:00 Alfonso Grave—Petroglyphs Associated with Fertility in Southern Sinaloa  
1:15 Howard Higgins, Christopher Watkins and Glen Rice—Petroglyphs and Pilgrimages; A Perspective from the Gillespie Rock Art Complex  
1:30 Ruth Musser-Lopez—Understanding Prehistoric Commerce, Technology and the

- Chronological Position of the Portable Milling Tool Production and Stone Sculpture on the Lower Colorado River via the Functional Context of Associated Rock Art
- 1:45 Nancy Olsen—A Case for Ethnic Boundary Maintenance in Rock Art on the Pajarito Plateau, New Mexico
- 2:00 Peter Kakos—Rock Art: A Lost Language of Meaning, Myth, and Symbols
- 2:15 Bryan Gordon—Dating an old problem – petroglyphs: An extension of my past method of dating pictographs
- 2:30 Lynn Dodd, Sarah Butler, Ashley Sands and Lucy Harrington—Visualizing the Native American Cultural Landscape: Significant Advances in Imaging and Dissemination
- 2:45 Jon Harman—Using DStretch to investigate paintings in Cueva San Borjitas, BCS Mexico
- 3:00 Carolynne Merrell—Fleshing out the Idaho archaeological record through contributions from Rock Art investigations
- 3:15 Amy Gilreath—Stuart Ranch and Pahrnagat Rock Art, Nevada
- 3:30 Alan Gold—Reproductive Symbolism in Great Basin Rock Art
- 3:45 Sandra Gaskell, Danette Johnson and Richard Hogan—Family Routes and Yosemite American Indian Pictographs
- 4:00 Robert David—The Archaeology of Myth: Rock Art, Ritual Objects, and Sacred Landscapes of the Klamath Basin
- 4:15 Mark Howe, Tim Kelly, Daniel F. McCarthy, Claudia Brackett and Richard Lundin—Lake Isabella Rock Art Recording Project
- 4:30 Jonathan Reeves and Benjamin Pykles—Illuminating Iosepa: Hawaiian Petroglyphs in Skull Valley, Utah
- 4:45 Jo McDonald—Discussant

**[159] SYMPOSIUM ■ ARCHAEOLOGY, INUIT, AND THE INTERNATIONAL POLAR YEAR**

**Room:** 309/310 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizer:** Max Friesen

**Chairs:** Max Friesen and John Hoffecker

**Participants:**

- 1:00 Max Friesen and Lauren Norman—Migration and privation: a short-term Thule Inuit occupation at the Pembroke site, Victoria Island
- 1:15 Matthew Walls—Frozen Landscapes, Fluid Technologies: Inuit Kayak Hunting and the Perception of the Environment in Greenland
- 1:30 Donald Johnson, James Savelle and Arthur Dyke—Pioneering Thule Inuit on Somerset Island: Implications for Thule Development
- 1:45 Sarah Hazell—Preliminary Analysis of Thule Occupation at Resolute Bay, Cornwallis Island, Nunavut
- 2:00 Genevieve LeMoine, Christyann Darwent and John Darwent—Adapting to change: the Thule occupation of Inglefield Land
- 2:15 Daniel Gendron, Pierre Desrosiers, Najat Bhiry, Stéphanie Steelandt and Hervé Monchot—IbGk-3 : A Glimpse into Inuit Past Lifeways in Hudson Bay.
- 2:30 Sean Pickering and Peter Dawson—Continuity and change in southern Kivalliq land use patterns, and their implications for the emergence of Caribou Inuit Culture
- 2:45 Peter Dawson, Elizabeth Dixon, Natasha Lyons and Lisa Hodgetts—Using GIS and social media to explore the relationships between archaeology and Inuit oral history in the Kivalliq Region, Nunavut, Canada
- 3:00 Lisa Hodgetts, Don Butler, Peter Dawson and Edward Eastaugh—Seeing the

- unseen: geophysical and geochemical investigations of activity areas in the southern Keewatin District, Nunavut
- 3:15 James Woollett—Dog Days at Uivak Point: Zooarchaeological perspectives on Inuit dog team management
- 3:30 John Hoffecker, Owen Mason, Nancy Bigelow and Christyann Darwent—One Thousand Years of Settlement at Cape Espenberg, Northwest Alaska
- 3:45 Owen Mason—Revisiting the affinities of the early Thule succession within Kotzebue Sound: Impact of the 2010 season at Cape Espenberg on conventional wisdom
- 4:00 Claire Alix, Nancy Bigelow and Laura Crawford—The importance of wood for Thule settlement at Cape Espenberg, Northwest Alaska
- 4:15 Jeremy Foin, Christyann Darwent and Frederic Dussault—Archaeological Investigation of the Thule Sequence at Cape Espenberg, Alaska
- 4:30 Adam Freeburg and Shelby Anderson—Cape Krusenstern Revisited
- 4:45 Anne Jensen—Where Great Whales Come Sailing By: Whaling Captains' Footprints on Alaska's North Slope

**[160] SYMPOSIUM ■ TOOLSTONE GEOGRAPHY OF THE PACIFIC NORTHWEST**

**Room:** 313 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Ron Adams and Terry Ozbun

**Chairs:** Terry Ozbun and Ron Adams

**Participants:**

- 1:00 Terry Ozbun—Some Observations of the Distribution, Nature, and Traditional Uses of Toolstones in the Pacific Northwest
- 1:15 Jesse Morin—Nephrite/Jade: The Preeminent Celt Stone of the Pacific Northwest
- 1:30 Rick Budhwa—Toolstone Geographies and Indigenous Sense of Place in British Columbia, Canada: The Importance of Local Knowledge
- 1:45 Mike Rousseau—Primary and Secondary Toolstone Sources and Pre-Contact Period Quarrying Behaviour in the Thompson River Drainage of South-Central British Columbia
- 2:00 Heather Kendall—Chert characterization and sourcing at ST 109, Keatley Creek
- 2:15 Patrick McCutcheon and Kevin A. Vaughn—Tool Stone Extraction and Resource Density in the Saddle Mountains, Grant County, Washington
- 2:30 Rick McClure—Elk Pass Obsidian and Precontact Band Territory in the Southern Washington Cascades
- 2:45 Ron Adams—Columbia Hills Toolstone Quarrying
- 3:00 Elizabeth Sobel—The Expansion Model of Post-Contact Change in NW Coast Exchange Systems: An Archaeological Test Using Obsidian Evidence from the Lower Columbia River
- 3:15 Nicholas Smits—A View from Craig Mountain: New Perspectives on the Stockhoff Basalt Quarry in Northeastern Oregon
- 3:30 Sara Davis—Reduction Technologies at the Stockhoff Basalt Quarry in Northeastern Oregon
- 3:45 Thomas Connolly, Craig Skinner and Paul Baxter—Ancient Obsidian Trade Routes in the Pacific Northwest
- 4:00 Dan Stueber—Glass Buttes Oregon: 14,000 Years of Continual Use
- 4:15 Jennifer Ferris and William Andrefsky, Jr.—Chert Toolstone Provenance, Availability, and Social Geographic Systems in the Owyhee Uplands
- 4:30 Jacob Adams and Douglas MacDonald—Differential Selection of Lithic Raw Materials by Prehistoric Hunter-Gatherers in the Upper Yellowstone River Valley,

- Montana/Wyoming  
 4:45 Paul Baxter, Thomas Connolly and Craig Skinner—Obsidian Use in the Willamette Valley and Adjacent Western Cascades of Oregon

**[161] POSTER SESSION ■ ARCHAEOLOGICAL EDUCATION AND PUBLIC OUTREACH IN THE AMERICAS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 161-a D Clark Wernecke and Nancy Littlefield—Archaeology in the Classroom: an education initiative by The Gault School of Archaeological Research
- 161-b Sarah Tate—Stewards of Their Own Lands: An Examination of the Tribal Role in Historic Preservation
- 161-c Robert Gustas—Peoples of Humboldt County – A Cultural Center
- 161-d Bryan Tucker, Heath Tucker and Matt Luke—Archaeology and Augmented Reality: Using AR to Enhance Archaeological Interpretation
- 161-e Catherine McMahon, Michael Trimble, Andrea Adams, Cody Gregory and Lester Stone—Veterans and Archaeological Collections: The History and Application of the Veterans Curation Project

**[162] POSTER SESSION ■ CULTURAL HERITAGE AND SITE PRESERVATION**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 162-a Corey Ragsdale and Keith Prufer—Isla del Idolo: a survey of an endangered archaeological site in Veracruz, Mexico
- 162-b Konnie Wescott, Matthew Braun, Bruce Verhaaren and Robin Burgess—Cultural Resource Challenges of Utility-Scale Renewable Energy Development on Public Land
- 162-c Ursel Wagner, Thibault Demoulin, Rupert Gebhard, Werner Haeusler and Cristina Mazzola—Attempts to stabilize Archaeological Iron Objects: A Moessbauer Study
- 162-d Marc Levine and Lucha Martinez de Luna—The Teotihuacan Attraction: Quantifying Collections of Artifacts Attributed to Teotihuacan in US Museums and Auctioned on the Art Market
- 162-e Katherine Shakour—Perspectives On Community Identity: The Slate Quarries Peoples and Archaeology Heritage
- 162-f Erica Kowsz and Nathan Goodale—Ancestral Ties and the Archaeology of Place: Documenting an "Extinct" People
- 162-g Carey Baxter, Dick Gebhart, Michael Hargrave, H. Allen Torbert and Antonio Palazzo—Quantifying military training impacts using soil chemical and mechanical properties
- 162-h Masahiro Kamiya and Laura Short—Effects of Post-Excavation Conditions on Infrared Spectroscopy
- 162-i J. May—Hoyle House, Gaston County, North Carolina: From the 18th to the 21st centuries

**[163] POSTER SESSION ■ MAPPING TECHNIQUES AND AMERICAN LANDSCAPES**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 163-a Marjie Heyman—Analyzing Social Space: Interpreting Spatial Patterning at

- Archaeological Sites Using Ethnoarchaeological Data
- 163-b Edward Herrmann—Predicting Late Pleistocene and Early Holocene Settlement Patterns along the White River Valley in South-Central Indiana
- 163-c Rebecca Winker—Analysis of Archaeological Site Distribution in the Huaura Valley
- 163-d Justin DeMaio—Site Type Variation and Prehistoric Landscape Use across the Nevada Test Site
- 163-e Jowanna Westfall—A GIS Analysis: Community and Agricultural Landscapes among Prehistoric Pueblos of North Central New Mexico
- 163-f Matthew Piscitelli—Intensive Predictive Mapping of Surface Topography at Three Late Archaic Sites in the Fortaleza Valley, Peru
- 163-g Kara Casto, Scott M. Fitzpatrick and Michiel Kappers—GIS-based Analyses of Archaeological Assemblages from Two Prehistoric Caribbean Sites
- 163-h Jennie Sturm and Michele Koons—Ground-Penetrating Radar Investigations at Licapa II, Peru
- 163-i Cliff Creger and Beth Smith—Terrestrial LiDAR in Site Analysis: Practical Applications on a Prehistoric Antelope Trap in Northeastern Nevada
- 163-j Charles Zufah—LiDAR Survey of Soconusco, Chiapas
- 163-k Tim Gibbs, Kristin M. Brown, Donald Keller and Ted Neff—Digital Mapping of Architectural Remains at Walnut Canyon National Monument
- 163-l Luke Pecoraro, Thomas P. Leppard, John F. Cherry, Krysta Ryzewski and Elizabeth Murphy—Using a GIS framework in Caribbean landscape archaeology: Survey and Landscape Archaeology on Montserrat 2010
- 163-m Austin Jenkins—Blackduck and Psinomani: Using GIS to Distinguish Archaeological Complexes
- 163-n Paul Buck and Donald Sabol—Optimal Prehistoric Maize Field Location in Mt Trumbull AZ Area

**[164] GENERAL SESSION ■ COMMUNITY ORGANIZATION, STORAGE, AND CONSTRUCTED SPACE**

**Room:** 302/303 (CC)

**Time:** 3:15 PM–5:00 PM

**Chair:** Rhian Stotts

**Participants:**

- 3:15 Sandra Katz, William Engelbrecht and Kathleen Allen—Hearthside activities at the Eaton Site
- 3:30 Keith Stephenson and Adam King—Coastal Plain Chiefdoms of the Middle Savannah River Valley: Labor, History, and Hierarchy
- 3:45 Benjamin Steere—House segmentation and household economy in the native Southeast
- 4:00 Sharon Moses—Sacred South & the Houses of Neolithic Catalhoyuk, Turkey: Directionality and Ritual Movement in Constructed Spaces - A Native American Perspective
- 4:15 Rhian Stotts—Storage Behavior in the Mediterranean: An Ethnoarchaeological Approach
- 4:30 Anna Stroulia—Unusual Disposal of Ground Stone Tools: The Case of Kremasti, Greece
- 4:45 Lara Ghisleni—Gender, Domestic Space and Temporality in Late Iron Age and Early Roman Dorset, England

**[165] GENERAL SESSION ■ HOUSEHOLDS AND COMMUNITIES IN MESOAMERICA: PART 2**

**Room:** 103 (CC)

**Time:** 3:30 PM–4:30 PM

**Chair:** Astrid Runggaldier

**Participants:**

- 3:30 Astrid Runggaldier—The domestic landscape of San Bartolo, Guatemala: Social memory Mechanisms in Contexts of Abandonment and Resettlement
- 3:45 Tim Preston—Field Report on Excavations of an Elite Residential Courtyard Group and Associated Activity Areas
- 4:00 Antonia Figueroa, Sarah M. Wigley and Laura J. Levi— Household Production Strategies and Resource Management at San Estevan, Belize
- 4:15 Kara Rothenberg—Multi-elemental Chemical Analysis of Anthropogenic Soils from the North Plaza, Palmarejo, Honduras

**[166] GENERAL SESSION ■ CULTURAL HERITAGE AND COMMUNITY ENGAGEMENT IN NORTH AMERICA**

**Room:** 203 (CC)

**Time:** 3:30 PM–4:45 PM

**Chair:** Emily Dean

**Participants:**

- 3:30 Rolla Queen—Cultural Resources Management Challenges from Renewable Energy Projects in the California Desert
- 3:45 Dwight Dutschke and Susan Stratton—By the Numbers: Trying to Develop a Programmatic Agreement
- 4:00 Paul White—Timbisha Shoshone Historic Landscapes Project: A Negotiation of Tribal and National Park "Scapes"
- 4:15 Emily Dean and Barbara Frank—A Public Private Partnership: Community Archaeology at the Little Rabbit Site in Kanab, Utah
- 4:30 Christopher Bolfig and S. Margaret Spivey—The Practice of Archaeology and Identity Formation among Disenfranchised Native Americans

**[167] GENERAL SESSION ■ TRADE AND INTERACTION IN THE NEAR EAST**

**Room:** 301 (CC)

**Time:** 3:30 PM–4:45 PM

**Chair:** Joseph Lehner

**Participants:**

- 3:30 Brandi Lee MacDonald, Fiona McNeill, Michael Farquharson, Diane de Kerckhove and Spencer Pope—Methods for the Analysis of Ancient Coins
- 3:45 Lamya Khalidi, Krista Lewis, Bernard Gratuze and H. Xander Veldhuijzen—On the cutting edge? Obsidian and Iron Use and Exchange in Pre-Islamic Highland Yemen
- 4:00 David Massey, Anne Bomalaski, Christopher Thornton and Ayse Gursan-Salzmänn—Cultural Dynamics at Tepe Hissar Iran During the Mid-Fourth Millennium BCE: A GIS Analysis
- 4:15 Rodney Fitzsimons, Evi Gorogianni and Joanne Cutler—Something Borrowed, Something New: Possible Archaeological Evidence for Foreign Brides as Catalysts for Acculturation at Ayia Irini, Kea
- 4:30 Joseph Lehner—Innovations in technology and political economy during the Central Anatolian Iron Age

**[168] GENERAL SESSION ■ HUNTER-GATHERER STUDIES IN THE AMERICAS: PART 2**

**Room:** 317/318 (CC)

**Time:** 3:15 PM–5:00 PM

**Chair:** Rigden Glaab

**Participants:**

- 3:15 Rigden Glaab—Avoiding the Omega: Human Adaptation and Social Resilience on the Tavaputs Plateau of Northeastern Utah
- 3:30 Craig Smith and Lance McNees—Persistent Use of the Landscape and the Mid-Holocene Housepits of Wyoming
- 3:45 Mark Brodbeck and Micah Hale—Exploring Prehistoric Settlement and Land Use in the McCain Valley Region, San Diego County, California
- 4:00 Trevor Orchard, Nicole Smith, Iain McKechnie and Daryl Fedge—Subsistence Change in Late Holocene Gwaii Haanas (southern Haida Gwaii, British Columbia): Mass Harvesting Technologies and Resource Specialization
- 4:15 Douglas Ritchey—The Ahtna Fish Weir Site: Weir are the Fish?
- 4:30 Diane Hanson and Debbie Corbett—Adak Island Upland Sites: Four Seasons of Archaeological Surveys in the Aleutian Islands, Alaska
- 4:45 Gustavo Martinez and María Gutiérrez—An Early Holocene water well in the Pampas Plains (Pampean Region, Argentina)?

**[169] GENERAL SESSION ■ PALEOETHNOBOTANICAL STUDIES: GLOBAL PERSPECTIVES**

**Room:** 316 (CC)

**Time:** 3:30 PM–5:00 PM

**Chair:** Rachel Dwyer

**Participants:**

- 3:30 Susan Allen and Gjipali Ilirian—Wetlands and the Transition to Agriculture in Europe: The 2010 Southern Albania Neolithic Archaeological Project (SANAP) Excavation at Vashtëmi, Albania
- 3:45 Sadie Weber and Cheryl Makarewicz—Hidden Roots: Tubers and the Transition from Foraging to Farming in the Near East
- 4:00 Kelly Lindberg and Chantel White—Neolithic Food Practices and Experimental Grain Processing at el-Hemmeh, Jordan
- 4:15 Rory Walsh—Experiments in morphology and taphonomy: Foxtail millet
- 4:30 William Longacre and Taylor Hermes—Ethnoarchaeology of Rice and Pottery Production among the Kalinga, Philippines
- 4:45 Rachel Dwyer—Toward a paleoethnomedicine

**[170] GENERAL SESSION ■ MESOAMERICAN COSMOLOGIES, RITUALS, AND SACRED SPACE**

**Room:** 305 (CC)

**Time:** 3:45 PM–4:45 PM

**Chair:** Eric Heller

**Participants:**

- 3:45 David Kaufman—Orion, Uaxactun, Izapa, and Creation
- 4:00 Eric Heller—When it Breathes, It Pours: Foundations and Functions of the Mesoamerican Reptilian Earth
- 4:15 Zena Kruzick—Icons of Death and Sacrifice: Hachas of Southern Mesoamerica
- 4:30 Charles Stapleton and Maria Stapleton—Burning for the Gods: Ceramic Incensarios/Braseros as Indicators of Cultural Continuity and Disjunction in Postclassic Central Mexico



**[171] GENERAL SESSION ■ COASTAL ARCHAEOLOGY AROUND THE WORLD**

**Room:** 319 (CC)

**Time:** 4:00 PM–4:30 PM

**Chair:** Amanuel Beyin

**Participants:**

- 4:00 Amanuel Beyin—Early to Middle Holocene shoreline adaptations in northeast Africa: Analogies and contrasts between coastal Eritrea and Lake Turkana (northern Kenya)
- 4:15 Mary Beth Timm and Debra Martin—Arms of Sailors: Evidence of Fishing Behavior from a Bronze Age Tomb on the Arabian Peninsula

**[172] SYMPOSIUM ■ EPA IGNORES HISTORIC PRESERVATION LAWS**

**Room:** 311/312 (CC)

**Time:** 4:00 PM–5:00 PM

**Organizer and Chair:** John Parker

**Participants:**

- 4:00 Jim Brown—Tribal Administrator Fired for trying to get EPA to Comply with Section 106
- 4:15 John Parker, Jim Brown and Batsulwin Brown—Where is the "Environment" in the Environmental Protection Agency?
- 4:30 Susan Stratton—Remediating Toxic Behaviors
- 4:45 Tom King—How Does EPA Get Away With It? The Delegation Two-Step and the CERCLA Shuffle

**[173] SYMPOSIUM ■ LIVING LEGACIES: MANAGEMENT OF CULTURAL RESOURCES, INSTITUTIONS, AND PEOPLE. A SESSION ORGANIZED IN MEMORY OF DR. ALBERT A. DEKIN, JR.**

**Room:** 306 (CC)

**Time:** 4:00 PM–5:00 PM

**Organizer:** Gillian Newell

**Chair:** Randall McGuire

**Participants:**

- 4:00 Gillian Newell—Notes on the "Tragedy at Utqiagvik, Alaska": South of the Border
- 4:15 Georgeanne Reynolds—Storage Practices of the Protohistoric Inupiat: A Window into Cultural Behavior
- 4:30 Julia Steele—Resolution and Scale: The Archaeology of Military Sites
- 4:45 Paulette Steeves—Pebbles In A Pond; American Archaeology Needs A Landslide

**[174] GENERAL SESSION ■ MONUMENTAL ART AND ARCHITECTURE IN COASTAL PERU**

**Room:** 104/105 (CC)

**Time:** 4:00 PM–5:00 PM

**Chair:** Jeffrey Stvan

**Participants:**

- 4:00 Camila Capriata Estrada and David Chicoine—Building Sequence, Spatial Planning and Mound Construction: Recent Excavations at a Formative Raised Platform Complex at Caylan
- 4:15 Go Matsumoto and Izumi Shimada—Reassessing the "Ceremonial Plaza" on the North Coast of Peru
- 4:30 Jeffrey Stvan—Building on Tradition: The Transmission of Architectural Knowledge Among the Late Moche
- 4:45 Gregory Lockard—The Last of the Southern Moche on the North Coast of Peru

**Saturday Morning ■ April 2, 2011**

**[175] SYMPOSIUM ■ ARCHAEOLOGY, INEQUALITY AND THE INLAND NORTHWEST**

**Room:** 309/310 (CC)

**Time:** 8:00 AM–9:45 AM

**Organizers and Chairs:** Mark Warner and Stacey Camp

**Participants:**

- 8:00 Mark Warner—The other side of the tracks (literally): Historical archaeology of the Disenfranchised in turn of the century Sandpoint Idaho
- 8:15 Mary Petrich-Guy—What's Hot, What's Not?: Public Archaeology in the Inland Northwest
- 8:30 Heather Sargent—Bullets, Buttons and Beads: the History and Archaeology of Fort Spokane, Washington.
- 8:45 Tiffany Brunson—What Boys and Girls Are Made Of: Historic Archaeology at the Fort Spokane Indian Boarding School
- 9:00 Rachel Stokeld—Chinese Ceramics of a Frontier Economy
- 9:15 Josh Allen and Jamie Capawana—Excavating Inequality: The Archaeology of World War II Japanese Internment in Northern Idaho (1943-1945)
- 9:30 Stacey Camp—Masculinity and Material Culture at Idaho's Kooskia Internment Camp (1943-1945)

**[176] POSTER SESSION ■ COMPLEX HUNTER-GATHERERS OF THE WESTERN CANADIAN PLATEAU: NEW RESEARCH DIRECTIONS IN PREHISTORIC PITHOUSE VILLAGES**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Suzanne Villeneuve and Brian Hayden

**Chair:** Suzanne Villeneuve

**Participants:**

- 176-a Tyler Hicks, Matthew Sisk, Andrew Watson, Utsav Schurmans and Suzanne Villeneuve—GIS in the Analysis of Pithouse Village Occupation at Keatley Creek, British Columbia Plateau
- 176-b Suzanne Villeneuve, Brian Hayden, Paul Goldberg, Guy Cross and Matthew Sisk—Investigating Processes of Aggregated Village Formation on the Western Canadian Plateau
- 176-c Nora Billy, Suzanne Villeneuve, Arthur Adolph, Naoko Endo and Eric Carlson—Results of the Sxetl' Basket Excavations at Six Mile Rapids along the Fraser River, British Columbia
- 176-d Michael Richards, Alejandra Diaz, Suzanne Villeneuve and Brian Hayden—Dietary isotope analysis of canids and other fauna from the Keatley Creek site
- 176-e Brian Hayden, Suzanne Villeneuve and Rolf Mathews—New Interdisciplinary Investigations into the Emergence and Collapse of Keatley Creek
- 176-f Naoko Endo, Rebecca Wigen, Louise Williams, Suzanne Villeneuve and Brian Hayden—Examining Shifts in Subsistence Patterns throughout the Evolution of Keatley Creek
- 176-g Rhonda Leech, Suzanne Villeneuve, Darcy Matthews, Andrew Watson and Brian Hayden—Research Directions at the McKay Creek Pithouse Village Site

**[177] POSTER SESSION ■ FAUNAL ANALYSIS AND TAPHONOMY**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 177-a Maria Gutierrez, Agustina Massigoge, Daniel Rafuse, María Alvarez and Cristian Kaufmann—Actualistic Taphonomy in the Pampean Region: Limitations, Challenges, and Results
- 177-b Janet Griffiths—Birds of a feather: wild food use in turn-of-the-century Tucson
- 177-c Emily Jones, Tod Hildebrandt, Ryan Breslawski and Elizabeth Seymour—The Idaho Archaeofaunal Database
- 177-d Anneke Janzen and J. Cameron Monroe—The Dahomean Feast: Royal Culinary Practices and Animal Procurement Strategies in 18th-Century West Africa
- 177-e Cynthia Munoz, Patricio Villanueva and Raymond Mauldin—Exploring Diagenetic Alterations in Stable Isotopic Signatures in Bone Collagen
- 177-f Patrick Lubinski and Megan Partlow—MNI, NISP, or What? Considering Specimen Interdependence in Mortality and Size Distributions
- 177-g Lynn Wack—Analyzing Change in Animal Use from the Late Archaic to the Terminal Late Prehistoric Periods at the Burris Bison site (41VT66) in South Texas
- 177-h Max Price—Chalcolithic Subsistence Practices and the Animal Economy in the Lower Galilee (Israel)

**[178] POSTER SESSION ■ FISHING AND HUNTING IN THE PACIFIC NORTHWEST**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 178-a Neal Endacott and Steven Hackenberger—Late Holocene Increases in Artiodactyl Populations in the Columbia Basin: A Case Study from the Sanders Site, Southcentral WA
- 178-b Alexander Stevenson, Virginia Butler, Dongya Yang, Camilla Speller and Jessica Miller—Evaluating the native status of anadromous salmonids in the Upper Klamath Basin, Oregon using mtDNA and geochemical analyses of archaeological fish remains
- 178-c Kelli Flanigan, Colin Grier, Sarah Runnells, Susan Lukowski and Brian M. Kemp—Molecular Species Identification of Salmonid Vertebrae: Reconstructing Salmon Fisheries in the Salish Sea of the Northwest Coast
- 178-d Stephanie Trudel, Dennis Lewarch and Leonard A. Forsman—Middle and Late Holocene Habitat and Economic System Diversification
- 178-e Cassandra Manning—The Role of Salmon in Middle Snake River Assemblages: A Re-examination of the Hetrick Site
- 178-f Anthony Hofkamp and Virginia Butler—“Ground truthing” the use of radiographic analysis of annular growth rings for age determination in Pacific salmon (*Oncorhynchus* sp.)
- 178-g Sarah Jenkins—Old site, new questions: putting resource intensification to the test in the Southeastern Columbia Plateau using faunal remains from Windust Cave C (45FR46)

**[179] POSTER SESSION ■ HUNTER-GATHERER STUDIES IN THE AMERICAS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 179-a Melinda Leach—Technology and Mobility in the Archaic Northwestern Great

- Basin: a View from the High Rock Country
- 179-b Jeffrey Adams, John Kennedy and Mark Lowe—Archaeological investigations along the terraces of the Upper Green River, Wyoming
  - 179-c Tod Hildebrandt—High Elevation Adaptations in the Late Prehistoric Great Basin
  - 179-d Kristina Solis—Relations between south Texas Hunter-gatherers and complex Mesoamerican societies
  - 179-e Carol Gelvin-Reymiller and Joshua Reuther—Quartz Lake, Interior Alaska: Human Presence throughout the Holocene
  - 179-f Brandon Gabler, David Yoder, John Raveslout, Michael Boley and Melanie Medeiros—Small Sites, Big Questions: Seasonality, Foraging, and Fremont Horticulture in the Eastern Great Basin
  - 179-g Celeste Henrickson and Shane Macfarlan—Analysis of Archaeological Materials from Cueva Santa Rita, Baja California Sur, Mexico

**[180] POSTER SESSION ■ OF RABBIT AND DEER: HUNTING AND CONSUMPTION IN NORTH AMERICA**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 180-a Sarah Williams—Prehistoric Deer Bones Tell Their Story: Investigating Deer and Human Behavior through Stable Carbon Isotope Analysis
- 180-b Joseph Beaver—Efficiency and Effectiveness of Sex-Biased Ungulate Hunting: Simulation Modeling and Implications
- 180-c Angela Lexvold and Rebecca Dean—Faunal Remains from the Joint Site, Arizona
- 180-d David Rhode, David Schmitt, David Page, Rachel Quist and James Feathers—Starch Grains, Bunny Bones and Luminescence Dates from FCR Features at the One-Eyed Rabbit Site, Dugway Proving Ground, Utah
- 180-e Heather Gibb—Anatomical Refitting Using Visual Comparison on Deer (*Odocoileus* spp.)
- 180-f Trine Johansen—Snares, nets and stone traps: Increasing foraging efficiency for small game at Iita, Northwest Greenland
- 180-g Amy Commendador, Bruce Finney and John Dudgeon—Isotopic Analyses of Small Mammals from the Wasden Site, Idaho as Indicators of Climate Change on the Eastern Snake River Plain

**[181] POSTER SESSION ■ SETTLEMENT AND MOBILITY IN THE ARCTIC**

**Room:** East Lobby-Third Floor (CC)

**Time:** 8:00 AM–10:00 AM

**Participants:**

- 181-a Eva Hulse—Patterns of domestic space in Subarctic soils
- 181-b Jennifer Bencze, Christyann Darwent and Jelmer Eerkens—Frozen Soils: Using Chemical Analyses to Discern Prehistoric Inuit Household Activities
- 181-c Catherine West—Paleoenvironmental Reconstruction in Alaska's Kodiak Archipelago
- 181-d Edmund Gaines, James Kunesh, Kate Yeske, William Johnson and Scott Shirar—FAI-02043: A Recently Identified Multi-Component Pleistocene Archaeological Site in the Tanana Valley, Interior Alaska
- 181-e Kate Yeske and Edmund Gaines—Prehistoric Land Use of a Vegetated Dune Field, Tanana Flats, Interior Alaska

- 181-f Angela Gore and Kelly Graf—Re-evaluation of the Denali Complex “Cobble Feature” at the Owl Ridge Site, Teklanika River, Central Alaska
- 181-g Angela Younie, Heather Smith, Ted Goebel, Michael Waters and Kelly Graf—The Fluted-Point Locality near Serpentine Hot Springs, Alaska: Archaeological Investigations during the 2010 Field Season
- 181-h Risa Carlson and James Baichtal—Raised Marine Beach Predictive Model results in New Early Holocene Sites in Southeast Alaska
- 181-i John Blong—Prehistoric Upland Use in the Central Alaska Range

**[182] SYMPOSIUM ■ MESOAMERICAN PLAZAS: PRACTICES, MEANINGS, AND MEMORIES**

**Room:** 307 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** Kenichiro Tsukamoto

**Chair:** Takeshi Inomata

**Participants:**

- 8:00 Ann Cyphers—Early Olmec communal spaces
- 8:15 Barbara Arroyo—The Plaza Space in the Maya Highland Middle Preclassic
- 8:30 Takeshi Inomata—Plaza Construction and Ritual at the Preclassic Maya center of Ceibal, Guatemala
- 8:45 Javier Urcid and Arthur Joyce—Formative Period Transformations of Monte Albán’s Main Plaza and their Political Implications
- 9:00 Marijke Stoll and Dante García Ríos—Empty Space, Active Place: Examining the Relationship Between Ball Courts and Plazas in Prehispanic Oaxaca
- 9:15 Rodrigo Liendo and Javier Lopez—The social construction of public spaces. An attempt to elicit the importance of public space from an archaeological point of view in the Palenque region, Mexico
- 9:30 Kenichiro Tsukamoto—The Social Roles of Plazas during Turbulent Times: The Classic Maya Center of El Palmar, Campeche, Mexico
- 9:45 Alanna Ossa—Plazas in comparative perspective in south-central Veracruz from the Classic to the Postclassic period (A.D. 300-1350)

**[183] ELECTRONIC SYMPOSIUM ■ RE-CONCEPTUALIZING NICARAGUAN PREHISTORY**

**Room:** 301 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** Geoffrey McCafferty

**Chair:** Alex Geurds

**Participants:**

- Geoffrey McCafferty—Reflections on Ten Years of Nicaraguan Archaeology
- Carrie Dennett and Geoffrey McCafferty—Pottery and People: Reassessing Social Identity In Pacific Nicaragua
- Larry Steinbrenner—The Pacific Nicaragua Potting Tradition, AD 800-1350
- Lorelei Platz—Early Changes in the Ceramic Sequence within Nicaragua: An Examination of the Tempisque and Bagaces Periods
- Sharisse McCafferty, Andrea Waters-Rist, Celise Chilcote, Carrie Dennett and Geoffrey McCafferty—Raising the Dead: Mortuary Patterns in Pacific Nicaragua
- Laura Wingfield—Decoding Nicoyan Body Decoration: From Spirals to Mat-Weave Patterns on Nicaraguan and Costa Rican Effigies and Stamps, c. 500 BCE-1522 CE
- Sacha Wilke—There’s a Gadget for that! Examining changes in fishing tools at El Rayo
- Alex Geurds—Materials and materiality of megalithics in Nicaragua
- Fred Lange—Discussant

**[184] FORUM ■ TWO DECADES OF NAGPRA: REFLECTIONS AND PROSPECTS**

**Room:** 317/318 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Dorothy Lippert and Vin Steponaitis

**Chairs:** Vin Steponaitis and Dorothy Lippert

**Moderator:** Joe Watkins

**Participants:**

Jennifer Richman—Discussant

Donald Craib—Discussant

Lynne Goldstein—Discussant

Patricia Capone—Discussant

Patricia Lambert—Discussant

**[185] FORUM ■ PUTTING CULTURE INTO THE FIGHT: CULTURAL HERITAGE PROTECTION IN MILITARY OPERATIONS AT HOME AND ABROAD.**

**Room:** 103 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer and Chair:** Duane Quates

**Moderator:** Serena Bellew

**Participants:**

Paul Green—Discussant

Duane Quates—Discussant

Laurie Rush—Discussant

Serena Bellew—Discussant

Christopher McDaid—Discussant

**[186] SYMPOSIUM ■ HOUSEHOLD AND COMMUNITY AT MIDDLE PRECLASSIC LA BLANCA, SAN MARCOS, GUATEMALA**

**Room:** 302/303 (CC)

**Time:** 8:00 AM–10:15 AM

**Organizers:** Michael Love and Julia Guernsey

**Chair:** Michael Love

**Participants:**

8:00 Michael Love—Household and Polity at La Blanca, Guatemala

8:15 Lucy Cogswell—Jade as a Prestige Good at La Blanca, Guatemala

8:30 Mikael Fauvelle—Economic Complexity at La Blanca: Feasting, Craft Specialization, and Domestic Production

8:45 Laura Hoffman—Differential Access to Resources and the Emergence of Elites: Obsidian at La Blanca

9:00 Meghan Barge and Thomas Wake—Vertebrate Consumption in an Elite Household at La Blanca, Guatemala

9:15 Isabel Cordova—Determining the Role of Anthropomorphic Figurines in Social Complexity: Is there a Correlation?

9:30 Michael Long—Keeping 'tabs' on the sacred and feminine at La Blanca

9:45 Julia Guernsey—From household to plaza: figurines, sculpture, and the construction of elite identity in the Preclassic

10:00 Carl Wendt—Discussant

**[187] GENERAL SESSION ■ CERAMIC ANALYSIS IN THE UNITED STATES**

**Room:** 304 (CC)

**Time:** 8:00 AM–10:30 AM

**Chair:** Veletta Canouts

**Participants:**

- 8:00 Anna Semon—Exploring Late Prehistoric Vessel Assemblages in the Coastal Southeastern US
- 8:15 Rebecca Wiewel—Regional Interaction in the Central Arkansas River Valley: Stylistic and Compositional Analysis of Carden Bottoms Phase Ceramics
- 8:30 Marcus Schulenburg—Ceramic Analysis in the Miami Valleys: Using Clay Sourcing to Determine Intraregional Contact within the Fort Ancient Tradition
- 8:45 Jill Neitzel—Facing Identity and Interaction: Human Depictions on Prehistoric Southwest Pottery
- 9:00 Andrew Lack, Sophia Kelly, David Abbott, Joshua Watts and Pamela Cox—The Duration and Extent of Specialized Red-on-buff Production among the Hohokam along Queen Creek in the Phoenix Basin
- 9:15 David Abbott, Sophia Kelly, Andrew Lack and Margaret Beck—The Provenance of Patayan Pottery from the Patayan Enclave at Las Colinas
- 9:30 Veletta Canouts, Ronald Bishop and M. James Blackman—Compositional Complexity on the Colorado Plateau
- 9:45 Monica Webb—A Design Analysis of Ramos Polychrome, Babicora Polychrome, and White Paste Babicora Polychrome Ceramic Shards From Test Pits at Site 204, Casas Grandes Region, Chihuahua, Mexico
- 10:00 Lori Barkwill Love—From the Receiving End: A Ceramic Analysis of a 13th Century Site in the Northern Rio Grande
- 10:15 Scott Ure—Fremont Pottery Standardization: A Preliminary Examination of Fremont Painted Bowls and their Degree of Standardized Morphological Characteristics

**[188] SYMPOSIUM ■ FALLS CREEK ROCK SHELTER: REANALYSIS OF BASKETMAKER II SITE**

*(Sponsored by United States Forest Service, San Juan Public Lands)*

**Room:** 319 (CC)

**Time:** 8:00 AM–10:30 AM

**Organizer and Chair:** Julie Coleman

**Participants:**

- 8:00 Julie Coleman—The Worst and Best of Durango Archaeology: Falls Creek Rock Shelters Revisited
- 8:15 Laurie Webster and Edward Jolie—A Perishables Perspective on Falls Creek and the Basketmaker II World
- 8:30 Edward Jolie—A Perishables Perspective on Falls Creek and the Basketmaker II World
- 8:45 Judy Paterson and Karen R. Adams—Plant Materials Associated with the Burial Crevice
- 9:00 Kristina Horton—Reverse Archaeology- A History of the Falls Creek Collection from a Database and Collection Management Perspective
- 9:15 Carole Graham and Mona Charles—Reconstructing the Archaeology of the Burial Crevice, Falls Creek North Shelter
- 9:30 Dawn Mulhern—Biological and cultural interpretations from Falls Creek: Evidence from the human skeletal remains
- 9:45 Mona Charles—Ornaments and Bone Tools from the Falls Creek Burial Crevice
- 10:00 Sally Cole—Place, Color, and Image: Chronology and Social Identity in

Basketmaker II—Associated Rock Art at the Falls Creek Shelters  
10:15 Joel Janetski—Discussant

**[189] SYMPOSIUM ■ PRODUCING SOCIAL ENVIRONMENTS IN PRE-COLONIAL SOUTH ASIA: MATERIALITY AND THE SOCIAL STRATEGIES AND CONSEQUENCES OF MAKING THINGS**

**Room:** 203 (CC)

**Time:** 8:00 AM–10:30 AM

**Organizers:** Andrew Bauer and Peter Johansen

**Chairs:** Peter Johansen and Andrew Bauer

**Participants:**

- 8:00 Andrew Bauer—Materials and Materiality: Soils, Stones, and Social Landscapes in Iron Age South India  
8:15 Peter Johansen—Forging Social Relations, Producing Metals: Investigating Scale and Context in the Socio-material Landscape of Iron/Steel Production in Iron Age Karnataka  
8:30 Lars Fogelin—Fattening the Buddha: Embodied Icons in South Asian Buddhism  
8:45 Uzma Rizvi —Crafting Resonance: Third Millennium BC Copper Arrowheads from Ganeshwar, Rajasthan.  
9:00 Brad Chase —The production of Harappan Gujarat: materiality and identity in the borderlands of the Indus Civilization  
9:15 Mudit Trivedi—Materiality and Alterity in Medieval Mewat  
9:30 Katie Lindstrom—Pottery Preferences at Gola Dhoro (Gujarat, India) and Cultural Affiliation Strategies along the Indus Civilization Borderlands  
9:45 Teresa Raczek —When Possessions are Few: Mobility, Materiality, and Minimalism in Northwest India  
10:00 Elizabeth Bridges —Local Production and Imperial Culture: Situating the Keladi-Ikkeri Nayaka State in Relation to the Vijayanagara Empire of Late Pre-Colonial South India  
10:15 Praveena Gullapalli—Crafting Continuity: Delineating (Social) Actions in Metal Artifacts

**[190] GENERAL SESSION ■ MAYA CRAFT PRODUCTION, TRADE, AND MARKETS**

**Room:** 316 (CC)

**Time:** 8:00 AM–10:45 AM

**Chair:** Bernadette Cap

**Participants:**

- 8:00 Laura Johnson and Bradford Andrews—Expedient Flaked Stone Tools at a Mayan Center: Analysis of a Lithic Collection from Baking Pot, Belize  
8:15 Josalyn Ferguson—In the Shadow of Colha? The Lithic Assemblage of a Terminal Classic Migrant Maya Community in Northern Belize.  
8:30 Maxine Oland and William Stemp—Local and Regional Maya Lithic Economies in the Postclassic-Colonial Periods: Comparing Data from Progreso Lagoon and San Pedro, Belize  
8:45 Angela Keller—Locating Marketplaces in a Classic Maya Moral Economy  
9:00 Bernadette Cap—A Marketplace System at the Classic Period Maya Site of Buenavista del Cayo, Belize  
9:15 Darcy Wiewall and Linda Howie—New Insights on the Mercantile Economy at Lamanai, Belize during the Terminal Postclassic to Early Colonial Periods  
9:30 Andrew Kindon, John Morris and Samuel Connell—Commercial Centers of the Maya Past and Mennonite Present: the UCLA Maya Archaeology Project at Aguacate, Spanish Lookout, Belize



- 9:45 Satoru Murata, Jim Aimers and Patricia McAnany—Pots and Salt at Wits Cah Ak'al: a multicrafting landscape amidst the mangroves in the eastern Maya Lowlands
- 10:00 Leslie Cecil—Maya Blue in Central Peten: Further Evidence of the Exchange of Ideas and not Things
- 10:15 Jennifer Loughmiller-Newman—The Construction, Production, and Function of Classic Maya Flask Vessels
- 10:30 Katharine Lukach—Representation and exchange in Late Classic Mesoamerica: a study of some figurines from the Brandeis University Material Culture Laboratory Collection

**[191] SYMPOSIUM ■ RITUAL, VIOLENCE, AND THE FALL OF THE CLASSIC MAYA KINGS**

**Room:** 306 (CC)

**Time:** 8:00 AM–10:45 AM

**Organizer and Chair:** Gyles Iannone

**Participants:**

- 8:00 Gyles Iannone—Cross-Cultural Perspectives on Power, Prosperity, and Political Truncation
- 8:15 Jose Suasnavar and Arthur Demarest—Variability in the Violent Destruction of the Pasion Valley Cities and Cancuen: Implications for the Early Collapse of the West
- 8:30 Olivia Navarro Farr—Dynamic Transitions at El Perú-Waka': Late to Terminal Classic Ritual Repurposing of a Monumental Shrine
- 8:45 Brett Houk—The Deadly Years: Terminal Classic Problematic Deposits and the Fates of Dos Hombres and Chan Chich, Belize
- 9:00 Fred Valdez and Palma Buttles—Social-Political Events of the Terminal Classic at Colha, Northern Belize
- 9:15 Thomas Guderjan, Colleen Hanratty and Tim Preston—Abandonment, Ritual, and Survival at Blue Creek, Belize, and its Neighbors.
- 9:30 Jason Yaeger—The Ritual Termination of a Provincial Palace and the Restoration of Political Sovereignty at Xunantunich, Belize
- 9:45 Sonja Schwake and Gyles Iannone—Destruction Events and Political Truncation at the Little Kingdom of Minanha, Belize.
- 10:00 Ellie Harrison-Buck—The Fall of the Classic Maya Kings: Defaced Monuments as Acts of Violence
- 10:15 David Webster—What We Don't Know about Maya Kings
- 10:30 David Freidel—Discussant

**[192] SYMPOSIUM ■ CATCHING FIRE: NEW METHODS AND RESEARCH FOR IDENTIFYING ANTHROPOGENIC FIRE AND LANDSCAPE MODIFICATION**

**Room:** 315 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer and Chair:** Kelly Derr

**Participants:**

- 8:00 Kelly Derr—Intensifying with Fire: Pre-Contact Anthropogenic Fire and Landscape Management in the Gulf Islands, British Columbia
- 8:15 Jeff LaLande—So, Just How Extensive Was Anthropogenic Fire in the Pacific Northwest and California?: Southwestern Oregon as a Case Study
- 8:30 Jon Keeley—Early Human Impacts on Fire in California Ecosystems
- 8:45 Teresa Rodrigues, Hoski Schaafsma and Alan Sinclair—Landscape Ecology and Anthropogenic Fire in the Sonoran Desert: Hohokam and O'odham Management Strategies

- 9:00 Chris Kiahtipes—Fire, Foragers, and Ecological Mythology
- 9:15 Damien Rius, Didier Galop, Boris Vannière and Hervé Richard—Holocene Anthropogenic Fire Regimes as Documented by Sedimentary Charcoal and Pollen Analyses in the Pyrenees Mountains, France
- 9:30 Rebecca Bird, Douglas Bird and Brian Coddling—Foraging with Fire: Identifying anthropogenic fire regimes in Western Australia
- 9:45 Meg Krawchuk and David Ganz—Lessons Learned from Alternative Approaches to Community-Based Fire Management in Yunnan Province, P.R. China
- 10:00 Jason LaBelle, Jason Sibold and Laurie Huckaby—Glass Beads, Conical Lodges, and Fire Scars: Native American Occupation of the Colorado Front Range
- 10:15 Lawrence Todd, Burnett Paul and Abe Thompson—Venus in Flames: Archaeology on a burned landscape in Northwest Wyoming
- 10:30 Kevin Ryan—Effects of fire in an archaeological context
- 10:45 Chris Roos—Discussant

**[193] SYMPOSIUM ■ 1ST INTERNATIONAL SAA SYMPOSIUM FOR RECENT, INTERNATIONAL ADVANCES IN THE USE OF pXRF AND OTHER PORTABLE, FIELD TECHNOLOGIES FOR ARCHAEOCHEMICAL STUDIES OF SITES IN THE AMERICAS**

*(Sponsored by Wondjina Research Institute, Country Chemist; Co-Sponsored by The Society For Archaeological Science, the pXRF Users Group, OLYMPUS INNOV-X )*

**Room:** 313 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizers and Chairs:** Richard Lundin and Vanessa Muros

**Participants:**

- 8:00 Christina Friberg—Shell Sourcing with pXRF: Elemental analysis of archaeological shell
- 8:15 Olaf Jaime-Riveron, Christopher Pool, Dolores Tenorio, Fabiola Monroy and Melania Jimenez—Formative Period Variation in Basalt Sources and Technology at Tres Zapotes, Veracruz, Mexico
- 8:30 Ozge Gencay Ustun and Dennis Harbach—Heavy metal analysis using a pXRF analyzer on organic artifacts
- 8:45 Richard Lundin, Michael Hargrave, Claudia Brackett, William Iseminger and John Kelly—Combined Survey Format (CSF) Archaeochemical (pXRF) and Geophysical Investigations at Ramey Field, Cahokia
- 9:00 Farrel Lytle—Dating Petroglyphs by Chemical Analysis with XRF
- 9:15 Douglas Boggess, Richard Lundin and Claudia Brackett—Portable X-Ray Fluorescence Analyses of Plant and Soil samples at Two Sites in Southeastern New Mexico
- 9:30 Craig Fertelmes, Chris Loendorf and Letricia Brown—Geochemical Characterization of Vesicular Basalt Outcroppings in the Gila River Indian Community, Arizona
- 9:45 Sophia Kelly and Craig Fertelmes—The Applicability of Bulk Elemental Characterization Techniques for Identifying Prehistoric Ceramic Recipes in the Phoenix Basin, Arizona
- 10:00 Harriet Beaubien, Ainslie Harrison, Kim Cullen Cobb and Richard Cooke—Piecing together a history of goldworking in Pre-Columbian Panama: the XRF contribution
- 10:15 Robert Tykot—Discussant
- 10:30 Lucy Burghardt, Donna Nash and Mark Golitko—Obsidian sourcing points to inclusive exchange for the people of Cerro Mejía
- 10:45 James Meierhoff and Mark Golitko—Obsidian acquisition, trade, and regional

interaction at the ancient Maya farming village of Chan, Belize.  
 11:00 Vanessa Muros—Discussant

**[194] SYMPOSIUM ■ BIOARCHAEOLOGICAL AND ARCHAEOLOGICAL PERSPECTIVES ON  
 MIGRATION, DIET AND HEALTH IN PREHISTORIC CENTRAL CALIFORNIA**

**Room:** 202 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizers:** Richard Fitzgerald and Jelmer Eerkens

**Chair:** Richard Fitzgerald

**Participants:**

- 8:00 Melanie Beasley, Jack Meyer, Eric J. Bartelink and Randy Miller—Human Bone Diagenesis in a Prehistoric Burial Mound from the Central California Delta: Bioarchaeological and Geoarchaeological Approaches
- 8:15 Eric J. Bartelink, Melanie Beasley, Jelmer Eerkens, Karen Gardner and Mark Griffin—Ancient Human Diet and Subsistence in the Prehistoric Central California Delta
- 8:30 Glenn Farris —With a View to the Afterlife: A Reconsideration of Peter Schulz's Windmiller burial orientation data in light of the Marsh Site Excavations
- 8:45 Al Schwitalla—Sub-regional Patterns of Health Stress in Central California
- 9:00 Cara Monroe , Fernando Villanea, Alan Leventhal, Rosemary Cambra and Brian M. Kemp—Ancient human DNA analysis from CA-SCL-38 Burials: Correlating biological relationships and mortuary behavior.
- 9:15 Karen Gardner, Alan Leventhal, Rosemary Cambra, Eric J. Bartelink and Antoinette Martinez—Food and Identity in the Prehistoric Santa Clara Valley: Using Stable Isotope Analysis to Understand Social Organization at CA-SCL-38
- 9:30 Gina Jorgenson, Jelmer Eerkens and Gry Barfod—A Bioarchaeological Investigation of Migration and Social Organization in the Prehistoric California Delta
- 9:45 Jennifer Marks, Mark Griffin and Randy Wiberg—Nonalimentary tooth use in ancient California
- 10:00 Mark Griffin, David Grant and Randy Wiberg—Oral Health Status in an Ancient Central California Population
- 10:15 David Grant—Patterns in Ancient Teeth: Palimpsests of Behavior
- 10:30 Irina Nechayev and Viviana Bellifemine—[Enter Submission Interpersonal Violence in Prehistoric Populations from the San Francisco Bay Area: Biocultural Interpretations
- 10:45 Andrea Guidara, Mark Griffin and Randy Wiberg—Canine Dimorphism in Ancient Central California
- 11:00 Nate Stevens—The Middle to Late Holocene Transition in Central California

**[195] GENERAL SESSION ■ HISTORIC ARCHAEOLOGY**

**Room:** 305 (CC)

**Time:** 8:15 AM–11:15 AM

**Chair:** Rubén Mendoza

**Participants:**

- 8:15 Anna-Karin Andersson—The archaeology of 19th century— is it worth the effort?
- 8:30 John Chenoweth—Negotiating Race and Religion on an Eighteenth Century Caribbean Plantation
- 8:45 Kenny Pearce and Paul Jackson—Excavation and Documentation of 9ME751

- (The Peter Guerry Site)
- 9:00 Melissa Scharffenberg—Investigation of the Lacy Hotel Site: A 19th Century rural dwelling in Kennesaw, GA
- 9:15 Teresa Bulger—Family and Everyday Practices: Tracing Intimate Relationships at a 19th-century Free African American Homesite
- 9:30 Rubén Mendoza—Architectural Histories and Historical Archaeologies: Recent Case Studies from the Missions and Presidios of the Monterey Bay
- 9:45 Margan Grover—Historical Archaeology of Early Russian America on Adak Island, Central Aleutian Islands
- 10:00 Katherine Burnett—Preliminary Investigations at the Nostrum Springs Stage Station, Thermopolis, Wyoming
- 10:15 Julie-anna Rodman—Boom and bust in White Pine County, Nevada
- 10:30 Sarah Heffner—Healthcare Practices of the Chinese in Nineteenth- and Twentieth-Century Nevada Mining Communities
- 10:45 Ethan Barnes—Perceived Identity and the Archaeological Record: Material Culture in Early Twentieth Century Ohio
- 11:00 Matt O'Mansky—The Canfield Jail Site: Regional Political Struggles in 19th Century Ohio

**[196] SYMPOSIUM ■ RISING FROM THE ASHES: GLORY, TROUBLE AND RENAISSANCE AT THE ROBERT S. PEABODY MUSEUM OF ARCHAEOLOGY**

**Room:** 104/105 (CC)

**Time:** 8:00 AM–11:30 AM

**Organizers:** Malinda Blustain and James Richardson

**Chair:** Malinda Blustain

**Moderator:** Lindsay Randall

**Participants:**

- 8:00 Nathan Hamilton and Eugene C.. Winter Jr.—Roots Run Deep: An Historical Perspective on the Robert S. Peabody Museum of Archaeology
- 8:15 Linda Cordell—The R. S. Peabody Museum and Pecos: The Legacy Continues
- 8:30 James Richardson and James Adovasio—The Robert S. Peabody Museum and the Peopling of the Americas: the Sites, Issues and Debates
- 8:45 Brian Robinson—The R.S. Peabody Museum: Foundations of Northeast North American Archaeology
- 9:00 Mary Eubanks—Origins of American Agriculture: A Retrospective Reinterpretation
- 9:15 James Bradley—Negotiating NAGPRA
- 9:30 Marcelle Doheny, Malinda Blustain, Jeremiah Hagler, Claire Gallou and Becky Sykes—The Peabody gets Out of Trouble: Trial and Redemption
- 9:45 Donald Slater and Nathan Hamilton—In the Footsteps of the Founders: Current Archaeological Research at the Robert S. Peabody Museum of Archaeology
- 10:00 Becky Sykes and Margaret Conkey—Integrating Archaeology into a High School curriculum: the Andover Example
- 10:15 Jeremiah Hagler, Claire Gallou and Malinda Blustain—Teaching From the Museum: the Ongoing Integration of the Robert S. Peabody Museum Into the Curriculum of Phillips Academy
- 10:30 Lindsay Randall and Christopher Toya—Pecos Pathways: A Model for Creating Lasting Partnerships
- 10:45 Hillary Abe and Forrest Cox—Can an Elite High School and a North American Archaeological Museum Succeed in Giving Back to Indian Country
- 11:00 Kristi Gilleon—Just Down the Road: The Robert S. Peabody Museum and its Approach to Secondary Education

11:15 Abigail Seldin—Open Doors: A Retrospective on the R.S. Peabody Museum of Archaeology

**[197] SYMPOSIUM ■ ON THE EDGE OF (A) REASON: ARCHAEOLOGY, ACTIVISM, AND THE PURSUIT OF RELEVANCE**

**Room:** 311/312 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Sonya Atalay and Lee Rains Clauss

**Chair:** Lee Rains Clauss

**Participants:**

8:00 Sonya Atalay—Engaging Archaeology: Positivism, objectivity and rigor in activist archaeology  
 8:15 John Welch and Neal Ferris—Making a Sustainable Archaeology  
 8:30 George Nicholas—Achieving Reasonable Balance in Archaeological Practice  
 8:45 Jon Daehnke—Using the Master's Tools: Activism in the Midst of Colonial Legacy  
 9:00 John Norder—Archaeology, Traditional Environmental Knowledge, and Environmental Justice  
 9:15 Patricia McAnany—Reflecting on Activism and Indigenous Maya Heritage Alienation  
 9:30 Des Kahotea—The Margin of Archaeology  
 9:45 Jay Stottman—A Slow and Moving Target: The Reality of a Practice of an Activist Archaeology  
 10:00 Randall McGuire—Working Class Archaeology  
 10:15 Timothy Jones—An Overview: 30 Years of Applied Activist Archaeology  
 10:30 Courtney Singleton and Larry Zimmerman—Thinking Outside the Excavation Unit: An Archaeology of Contemporary Homelessness  
 10:45 Quetzil Castañeda—Discussant  
 11:00 TJ Ferguson—Discussant  
 11:15 K. Anne Pyburn—Discussant  
 11:30 Lee Rains Clauss—Discussant

**[198] SYMPOSIUM ■ SURPLUS: THE POLITICS OF PRODUCTION AND THE STRATEGIES OF EVERYDAY LIFE**

*(Sponsored by the Archaeology Division of the American Anthropological Association)*

**Room:** 204 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Christopher Morehart and Kristin De Lucia

**Chair:** Christopher Morehart

**Participants:**

8:00 Charles Cobb and Dawnie Steadman—The Class Process, Symbolic Capital, and Mississippian Epidemiological Transitions  
 8:15 E. Christian Wells—Archaeological Perspectives on Surplus Capture in Contrasting Modes of Religiosity  
 8:30 Tina Thurston—Surplus from below: self organization of production in early historic Northern Europe  
 8:45 Heather Miller —Surplus in the Indus Civilization: Cultural Economies and Political Traditions  
 9:00 Dean Saitta—Surplus, Class, and Causality  
 9:15 Christopher Morehart—The Materiality of Excess: Investment, Productivity, and Waste in the Formation of Landscape  
 9:30 Douglas Bolender—The production of intra- and inter-household surplus in Viking

- Age political economies
- 9:45 Kristin De Lucia—Why households choose to produce surpluses: An Early Postclassic perspective on household strategy and surplus production in Xaltocan, Mexico
- 10:00 James Brown and John Kelly—Agency, Event, and the Potential for Surplus in the Mississippian Period
- 10:15 Victor Thompson—Conduits of Complexity: Creating, Commemorating, and Materializing Surplus in Hunter-Gatherer Economies
- 10:30 Patricia Wattenmaker—Celebrating Abundance, Creating Scarcity: Ancient Mesopotamian Surplus Economies
- 10:45 Neil Norman—Surplus Houses: Palace Politics in the Bight of Benin West Africa, 1650-1727 A.D.
- 11:00 Ann Stahl—Surplus production in a time of slavery and political dislocation. A West African case study
- 11:15 Cathy Costin—The Cooption of “Surplus”: Social Costs and Political Benefits in the Inka Empire
- 11:30 Elizabeth Brumfiel—Discussant

**[199] SYMPOSIUM ■ WHAT WE DON'T KNOW ABOUT AGRICULTURE IN THE PREHISTORIC NORTH AMERICAN SOUTHWEST**

**Room:** 308 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizers:** Scott Ingram and Robert Hunt

**Chair:** Scott Ingram

**Participants:**

- 8:00 Alan Sullivan, Christopher Roos and Philip Mink—The Archaeology of Subsistence Agriculture in Coniferous Ecosystems
- 8:15 Jeffrey Dean—Environment, Human Behavior, and Demography in the Prehistoric Southwest
- 8:30 Scott Ingram—What We Don't Know About Human Vulnerability to Dry Periods
- 8:45 Karen R. Adams—The Archaeobotany and Agronomy of Ancient Maize: We're Still Learning
- 9:00 Jonathan Sandor and Jeffrey Homburg—Agricultural Soils of the Prehistoric Southwest: Known Unknowns...
- 9:15 Robert Hunt—Water is not only H<sub>2</sub>O: Solutions, Suspensions and Agriculture
- 9:30 Gary Huckleberry—What We Still Don't Know: The Environmental Context for the Northward Spread of Agriculture 4000-2000 BC into the Southwest
- 9:45 Michael Adler—What we don't know about canal irrigation in the Prehispanic Northern Southwest
- 10:00 Neal Ackerly—A River In Need of Irrigation: Searching for Prehistoric Irrigation Systems Along the Rio Grande Main Stem
- 10:15 M.K. Woodson—What We Do Not Know About the Impact of Flooding on Hohokam Irrigation Agriculture
- 10:30 Paul Minnis—Exploring the Political Context of Ancient Agriculture in the U.S. Southwest/Northern Mexico
- 10:45 Suzanne Fish and Paul Fish—Alternative Models for the Organization of Labor and Production
- 11:00 Robert Hard, Arthur MacWilliams, John Roney, Jacob Freeman and Karen Adams—The Absence of Aggregated Populations in Central and Southern Chihuahua
- 11:15 W. Bruce Masse—Discussant
- 11:30 Daniel Gustafson—Discussant

**[200] SYMPOSIUM ■ ARCHAEOLOGICAL APPROACHES TO INDIGENOUS POST-CONQUEST DEVELOPMENTS IN NEW SPAIN AND CENTRAL AMERICA: PAPERS IN MEMORY OF THOMAS H. CHARLTON**  
**Room:** 314 (CC)  
**Time:** 8:00 AM–11:45 AM  
**Organizers:** Rani Alexander, Patricia Fournier and Susan Kepecs  
**Chair:** Rani Alexander

**Participants:**

- 8:00 Jeffrey Parsons—Is Aztec IV Black/Orange pottery Late Postclassic, or Early Colonial, or both, and does it matter?
- 8:15 Susan Toby Evans and Raúl Valadez Azúa—Very Sad Sounds: An Omichicahuastli from Cihuateopan
- 8:30 Patricia Fournier and M. James Blackman—Indigenous Post-conquest Ceramics from Mexico-Tenochtitlan and Tlatelolco: Technological and Stylistic Syncretism
- 8:45 Alejandro Pastrana—Early Colonial Obsidian Exploitation at the Pachuca Mines
- 9:00 Martin Biskowski—Aztec and Postconquest Food Preparation in the Eastern Teotihuacan Valley
- 9:15 Matthew Liebmann—Sacred and Dangerous: The effects of Spanish Colonialism (and Pueblo Rebellion) on Obsidian Procurement in the American Southwest
- 9:30 Elizabeth Newman—From Colony to Country: Hacienda Workers and Material Culture in 19th Century Mexico
- 9:45 Janine Gasco—Four Decades of Tom Charlton's Research on Post-Conquest Archaeology in Mesoamerica
- 10:00 Judith Zeitlin—Authority and Representation in the Mesoamerican Past: Relating the Textual and Archaeological Records from Formative to Postconquest Times.
- 10:15 Danny Zborover—Archaeology, Ethnohistory, and Ethnology- Interpretive Interfaces in the Chontalpa Historical Archaeology Project, Oaxaca
- 10:30 Susan Kepecs and Rani Alexander—Adventures in Demography: Comparing population trends in Yucatan using documentary and archaeological evidence
- 10:45 Joel Palka—Contact Period Maya Shrines and Settlements in Rural Lowland Chiapas, Mexico
- 11:00 William Fowler—Archaeological Approaches to Indigenous Culture Change in Colonial El Salvador
- 11:15 Patricia Fournier—Discussant
- 11:30 Cynthia Otis Charlton—Discussant

**[201] GENERAL SESSION ■ ARCHITECTURE AND IDENTITY IN THE AMERICAN SOUTHWEST**  
**Room:** 103 (CC)  
**Time:** 10:15 AM–12:00 PM  
**Chair:** Katherine Dungan

**Participants:**

- 10:15 Robert Rowe—The Pit Cremation to Palette Ratios along Hohokam Canal 7 System
- 10:30 Tammy Stone—An Architectural Biography of Point of Pines Pueblo
- 10:45 Katherine Dungan, Robert Jones, Jeffery Clark and Deborah Huntley—Southern Living: A Tularosa Phase Settlement in Mule Creek, New Mexico
- 11:00 Denise Ruzicka—Architecture and the Cosmos in the Mimbres Valley
- 11:15 Michael Mathiowetz—The Battle of Winter and Summer: The Symbolism of Seasonal Change in Pueblo IV Kiva Murals at Pottery Mound, New Mexico
- 11:30 Sue Beckwith—The Built Environment organizing Social Encounter: Public and

- 11:45 Private Space in Pueblo She, New Mexico  
Shanna Diederichs, Gary Brown and Kay Barnett—Thirteenth-Century Social Identities in the Middle San Juan Region: A Comparison with Mesa Verde

**[202] SYMPOSIUM ■ LONG TERM HUMAN ECODYNAMICS ON THE ISLAND OF BARBUDA, WEST INDIES**

**Room:** 307 (CC)

**Time:** 10:30 AM–11:30 AM

**Organizer:** George Hambrecht

**Chair:** Sophia Perdikaris

**Participants:**

- 10:30 Sophia Perdikaris—Obeah Ritual Activity in the Caves of Barbuda  
10:45 Allison Bain, Michael Burn, Lisa Kennedy, Allison LeBlanc and Anne-Marie Faucher—Recent Research in Environmental Archaeology and Paleoecology in Antigua and Barbuda  
11:00 George Hambrecht and Frank Feeley—Historical Archaeology in Barbuda  
11:15 Anjana Mebane-Cruz—Barbuda: Agency Along the Borders of Change

**[203] SYMPOSIUM ■ ARCHAEOOMETRY IN FIBER AND PERISHABLES RESEARCH**

*(Sponsored by Fiber and Perishables Interest Group)*

**Room:** 302/303 (CC)

**Time:** 10:30 AM–12:00 PM

**Organizer:** William Haas

**Chair:** David Yoder

**Participants:**

- 10:30 Irene Good and A.M. Pollard—Late Achaemenid Textiles from the Chehr Abad Salt Mine, Iran  
10:45 Maria Melo—Bright Light: Microspectrofluorimetry for the Characterization of Dyes in Ancient Andean Textiles  
11:00 Steven LeBlanc, Michele E. Morgan and Jason H. Curtis—Seasonal variation in maize consumption by Eastern and Western Basketmaker II populations indicated by stable isotope analysis of human hair  
11:15 David Yoder—Invisible Culture: The Use of Soft X-Ray Radiography in Perishable Artifacts  
11:30 Ofer Bar-yosef, Eliso Kvavadze, Anna Belfer-Cohen, Nino Jakeli and Zinovi Matskevich—The Recovery and Analysis of Upper Paleolithic Wild Flax Fibers at Dzudzuana Cave, Republic of Georgia  
11:45 Laurie Webster—Discussant

**[204] GENERAL SESSION ■ MORTUARY ANALYSIS: METHODS AND INTERPRETATIONS**

**Room:** 317/318 (CC)

**Time:** 10:30 AM–12:00 PM

**Chair:** William Pestle

**Participants:**

- 10:30 Jessica Leger—The Function of Shell Deposits in the Mid-Continent  
10:45 Lorrie Lincoln-Babb and Rebecca Hill—Late Archaic Mortuary Behavior in the Southwest: A regional comparison with worldly implications  
11:00 Rebecca Shelton and Gabriel Wrobel—Investigation of looted contexts at the Sapodilla Rockshelter, Caves Branch Valley, Belize  
11:15 William Pestle, L. Antonio Curet, Miguel Rodríguez López and Reniel Rodríguez Ramos—What's a Cuevas? Chronology and Cultural Diversity in Later Saladoid Puerto Rico



- 11:30 Elizabeth Horton and George Sabo, III—Framing the Sacred: Craig Mound Sacred Bundles  
 11:45 Sabrina Gloux and Andre Gonciar—Insights into the investigation of Late Bronze Age populations in Transylvania

**[205] SYMPOSIUM ■ SEASONALITY IN PREHISTORY: NEW METHODS FOR ADDRESSING AN OLD QUESTION**

**Room:** 301 (CC)

**Time:** 10:30 AM–12:00 PM

**Organizer and Chair:** Suzanne Pilaar Birch

**Participants:**

- 10:30 Meghan Burchell, Aubrey Cannon, Nadine Hallmann and Bernd Schöne—Linking High Precision Seasonal Inference with Structures of Site Use on the Central Coast of British Columbia  
 10:45 Tiina Manne—Who needs a crystal ball? Anticipating short term climate instability during the Upper Paleolithic at Vale Boi, southwestern Portugal  
 11:00 Marie-Anne Julien, Helene Martin, Herve Bocherens and Ariane Burke—Bison procurement in the southern steppes of Eastern Europe: zooarchaeological, incremental and biogeochemical approaches  
 11:15 Victoria P. Spry-Marques—Zooarchaeology and Seasonality throughout the Late Upper Palaeolithic: The Case of Vela Spila (Croatia)  
 11:30 Suzanne Pilaar Birch—Reconciling Seasonal Data from Zooarchaeological and Stable Isotope Analyses: A case study from the Northern Adriatic  
 11:45 Triantafyllia Dogiama—Moving on: evidence for seasonality in Early Neolithic Northern Greece- the case of Mikri Volvi

**[206] POSTER SESSION ■ A DOG'S LIFE: CANINES IN PREHISTORY**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 206-a Samuel Belknap, Cecil Lewis, Raul Tito, Robert Ingraham and Kristin Sobolik—Oldest Dog in the New World  
 206-b Elizabeth Olson, Kitty Emery and John Krigbaum—Zoometric Breed Analysis and Isotopic Paleodietary Reconstruction OF THE Maya Dog  
 206-c Ayla Amadio and Meadow Campbell—Formative Mesoamerican Canines: Companions, Spirit guides, and Ritual Animals

**[207] POSTER SESSION ■ CERAMIC ANALYSIS IN THE UNITED STATES**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 207-a Jeffrey Ferguson and Myles Miller—A Return to Brownwares, Textured Wares, and Redwares from Southern New Mexico and Western Texas: A Reinterpretation of the NAA Data  
 207-b Dru McGill—Pottery Production and Social Organization at Angel Mounds (12Vg1), Indiana  
 207-c Summer Moore—White Mountain Redware at the Pettit Site, An Aggregation-Period Pueblo in the Zuni District  
 207-d Lindsay Bloch—Trends in Redware Use and Production in the Chesapeake  
 207-e Reese Cook—Raman Spectroscopy: Molecular Signatures Through Time  
 207-f Anne Breister and Carl Lipo—Technological Changes in Brownware from Owens and Death Valleys

- 207-g Karen Smith, Sara Bon-Harper and Fraser Neiman—Site Structure and Slavery at Monticello Plantation in the Late 18th Century
- 207-h Lauren O'Brien, B. Sunday Eiselt and Felipe Ortega—Thermal Efficiency and Durability of Micaceous Clay Cookware from the Northern Rio Grande: An Experiment
- 207-i Carla Pereira—Transmission Patterns among Late Prehistoric Potters of Mississippi River Valley Ceramics

**[208] POSTER SESSION ■ HISTORIC ARCHAEOLOGY AND ETHNOARCHAEOLOGY**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 208-a Stephanie Croatt—Social Strands: Dyadic Relationships as Means of Integration for Lebanese Immigrant Entrepreneurs in early 20th Century Yucatán, Mexico
- 208-b Shayla Monroe and Alex Brueggeman—Gimme the Good Cuts: Exploring Procurement Strategies of Enslaved Individuals in the Mid-Atlantic
- 208-c Emily Dale—Ordinance 32 and the Creation of Aurora's Chinatown
- 208-d Sarah Abraham and Aileen Balasalle—The Architecture of La Quinta: Interpreting Colonial Strategies of Conquest and Conversion at Pukara, Peru
- 208-e Jonah Blustain—Down from on High: Archaeological Investigations of Cornish Row's Industrial Landscape, Virginia City, NV
- 208-f Javier Inanez—Red Shine: Archaeometrical Characterization of Roja Bruñida Pottery from Panama
- 208-g Ashley Dumas—New Research at an Eighteenth-Century French Colonial Fort
- 208-h Carl Zipper—Digging Deeper into the Campus Rd. Site: Excavation and Analysis of a 19th Century Farmstead
- 208-i Katherine Grillo—Pastoralist Ethnoarchaeology on Household Container Assemblages in Samburu, Kenya
- 208-j Veronica Waweru and Kristy Dahlstrom—Pharmacology and cultural aspects of arrow poison use in Kenya: An ethnoarchaeological approach
- 208-k Steven Holm—In Small Things Lost and Found
- 208-l Marieka Arksey and Patrick Wilkinson—Constructing Histories in Sixteenth Century Mesoamerica: Landscape, Resistance, and Identity
- 208-m Sarah Striker—Archaeological Approaches to Identifying Captivity in Iroquoian Communities

**[209] POSTER SESSION ■ INVESTIGATING THE LATE PREHISTORIC IN PENNSYLVANIA**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Organizers:** Lisa Dugas and Sarah Neusius

**Chair:** Lisa Dugas

**Participants:**

- 209-a Seth Mitchell—New Insights Into the Johnston Phase: Ceramic Attributes of the Johnston Site Assemblage
- 209-b Thomas Wambach—Firing Techniques and their Effects on Susquehannock Ceramic Vessels
- 209-c Jordan Galentine—Analysis of Ceramic Temper and Vessel Lip Characteristics From the Crooked Creek Watershed
- 209-d Sarah Neusius and Beverly Chiarulli—Exploring the Occupational History of the Johnston Site
- 209-e David Kroskie—The Role of Small Habitation Sites in Monongahela Subsistence-Settlement

- 209-f Sean Martorelli—Monongahela Mystery: Applying Use Pattern Analysis to Monongahela Village Sites
- 209-g Lisa Dugas—Searching for Social Identity in Monongahela Bone and Shell Artifacts

**[210] POSTER SESSION ■ PREHISTORIC HOUSEHOLDS AND COMMUNITIES IN THE UNITED STATES**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 210-a Nichole Gillis—A Tale of Two Sites: An Analysis of Feature Assemblages from Puffer Pond, Assabet River National Wildlife Refuge, Eastern Massachusetts
- 210-b Anthony Krus—The development of bastions: A morphometric analysis of Mississippian fortifications
- 210-c Sarah Sterling, Kristine M. Bovy, Virginia Butler, Sarah K. Campbell and Mike Etnier—Beyond the Palimpsest: Using High Resolution Excavation Techniques to Evaluate Household Scale Economic Strategies and Disaster Response on the Northwest Coast
- 210-d Amanda Regnier—The Intact Dalton Occupation at the Ramos Creek Site in Southeast Oklahoma

**[211] POSTER SESSION ■ SYMBOLISM, ART, AND IDENTITY IN THE AMERICAS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 10:30 AM–12:30 PM

**Participants:**

- 211-a Paul Picha—Berlin, Vansina, and Washburn Revisited: Color, Cognition, and Symmetry in the Mandan Archaeological Record
- 211-b Michael Terlep—Cultural Affiliation, Function, and Distribution of Pit and Groove Petroglyphs in the Arizona Strip
- 211-c Darryl Wilkinson and Severin Fowles—Roman Catholic Rock Art Traditions of Northern New Mexico
- 211-d Emily Maurer and Shelby Ramirez—Analysis of Northern Sinagua Rock Art
- 211-e Caitlin Sommer—Animacy, Symbolism, and Feathers from Mantle's Cave, Colorado
- 211-f Erin Hegberg and Wendy Sutton—Risqué Ranchers and Bored Shepherds: Possibilities for dendroglyph research

**[212] GENERAL SESSION ■ AGRICULTURE, WATER, AND ANTHROPOGENIC LANDSCAPES IN MESOAMERICA-PART 1**

**Room:** 316 (CC)

**Time:** 11:00 AM–11:45 AM

**Chair:** Colleen Lindsay

**Participants:**

- 11:00 Lizzy Hare—A Holistic Approach to Environmental Archaeology at the Classic Maya site of Motul de San Jose, Guatemala
- 11:15 Santiago Juarez—Community Practices at the Periphery: Household Settlement Patterns near Lake Mensabak in Chiapas, Mexico
- 11:30 Colleen Lindsay—From Jungle to Garden: How the classic Maya of Yalbac, Belize modified their landscape

**Saturday Afternoon ■ April 2, 2011**

**[213] ELECTRONIC SYMPOSIUM ■ CONSTRUCTING A DATABASE OF LATE PLEISTOCENE/EARLY HOLOCENE ARCHAEOLOGICAL C14 DATES FOR SOUTH AND CENTRAL AMERICA**

**Room:** 103 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** Lucas Bueno, James Steele and Luciano Prates

**Chair:** Gustavo Politis

**Participants:**

James Steele—Using radiocarbon data to explore population dynamics in prehistory: discussion paper

Lucas Bueno and Adriana Dias—Late Pleistocene/Early Holocene Archaeological Record in Brazil: a geo-referenced database

Cesar Melgar—Terminal Pleistocene/early Holocene 14C archaeological site database in Chile: discussing critical issues for the first human settlement

Richard Cooke and Anthony Ranere—Radiocarbon dates from Panama between 13,000 and 7000 BP, a period of profound Climate, Environmental and Cultural Change

Gustavo Politis and Luciano Prates—Data base on Late Pleistocene-Early Holocene archaeological site from Argentina.

Michael Waters—Discussant

**[214] SYMPOSIUM ■ BLOGGING ARCHAEOLOGY**

**Room:** 309/310 (CC)

**Time:** 1:00 PM–2:30 PM

**Organizer:** Colleen Morgan

**Chair:** Kris Hirst

**Participants:**

1:00 Sarah Nohe and Terry Brock—Social Media as Public Archaeology

1:15 Michael Smith—Can Archaeological Blogs be used for Serious Scholarship?

1:30 John Lowe—Blogging as an American CRM Professional

1:45 Shawn Graham—Signal versus Noise, or, why blogging matters

2:00 Terry Brock—Teaching Archaeology and Community Engagement through Blogging: A Public Archaeology Field School Project at Michigan State University

2:15 Johan Normark—Dealing with the Public View of the Maya

**[215] FORUM ■ A LIFE IN RUINS? WORK-LIFE BALANCE IN ARCHAEOLOGY**

*(Sponsored by COSWA)*

**Room:** 317/318 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers:** Sarah Barber and Caryn Berg

**Chair:** Sarah Barber

**Moderator:** Caryn Berg

**Participants:**

James Snead—Discussant

Scott Slessman—Discussant

Heidi Roberts—Discussant

Ariane Pinson—Discussant

Heather Stettler—Discussant  
Stephen Nash—Discussant  
Maureen Meyers—Discussant  
Christine Ward—Discussant

**[216] ELECTRONIC SYMPOSIUM ■ FROM THE GROUND UP: BEST PRACTICES FOR  
BALANCING USABILITY WITH THEORETICAL UTILITY IN ARCHAEOLOGICAL DATABASES**

**Room:** 316 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizer:** Joshua Wells

**Chair:** Christopher Parr

**Participants:**

Eric Kansa—Effective Use of the Web to Support Archaeological Research  
Sarah Kansa, Levent Atici, Justin Lev-Tov and Eric Kansa—Other People's Data: Blind  
Analysis and Report Writing as a Demonstration of the Imperative of Data Publication  
Stephen Yerka, Nicholas P. Herrmann, David G. Anderson and D. Shane Miller—  
Archaeological Information System Standard Design Concepts  
Christopher Parr—"Well, It's Still Working": The Fort Benning Curation Facility and  
Lil'Benny after Two Years of Experimentation  
Joshua Wells—Four States of Mississippian Data: Best Practices at Work Integrating  
Information from Four SHPO Databases in a GIS-Structured Archaeological Atlas  
Krista Eschbach, Krista Eschbach and Alanna Ossa—Archaeological Data Curation and  
the Use of Legacy Databases

**[217] FORUM ■ THE FUTURE OF BIOARCHAEOLOGY: A FORUM IN HONOR OF JANE E.  
BUIKSTRA, THE 2010 FRYXELL AWARD WINNER**

*(Sponsored by Fryxell Award Committee)*

**Room:** 202 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizer:** Gordon Rakita

**Chair:** Maria Cecilia Lozada

**Participants:**

Tiffany Tung—Discussant  
Pamela Geller—Discussant  
Alexis Boutin—Discussant  
Rachel Scott—Discussant  
Christina Torres-Rouff—Discussant  
Haagen Klaus—Discussant  
Kelly Knudson—Discussant  
Maria Cecilia Lozada—Discussant  
William Duncan—Discussant  
Dawnie Steadman—Discussant  
Ann Kakaliouras—Discussant  
Barra O'Donnabhain—Discussant

**[218] ELECTRONIC SYMPOSIUM ■ TRANSITIONS IN THE PALEOLITHIC: RESEARCH HISTORIES AND THEIR INFLUENCE ON CHANGING INTERPRETATIONS**

**Room:** 302/303 (CC)

**Time:** 1:00 PM–3:00 PM

**Organizers and Chairs:** Marta Camps and Parth R. Chauhan

**Participants:**

Sebastien Lacombe, Margaret Conkey and Kathleen Sterling—Legacies of Paleolithic research in the French Central Pyrénées

Xing Gao, Chen Shan and Xiaoling Zhang—Zhoukoudian Peking Man site: research histories and its influences on transformation of Chinese Palaeolithic archaeology

Geoffrey Clark—Research Advances in the Levantine Paleolithic, 1990-2010

Francis Harrold—Attempting Synthesis in the Late Bordesian Era: The Example of the Chatelperronian

Steve Kuhn and Ron Shimelmitz—Shifting views of the Acheulo-Yabrudian and the Lower to Middle Paleolithic transition at Tabun Cave.

Miriam Belmaker—From Africa and beyond: Shifting paradigms in the ecological milieu for Early Pleistocene hominin dispersals from Africa

Marta Camps—The Past and Present of the Mid-Upper Paleolithic Transition in Iberia

Parth R. Chauhan—From Ramapithecus to Robert Bruce Foote: Paleolithic research histories in the center of the Old World

Alvaro Arrizabalaga and María-José Iriarte—Identifying the Signs: The Middle-Upper Palaeolithic Transition in Southwest Europe from the perspective of the lithic record

Bonnie Blackwell, A.E. Deely, M.R. Kleindienst, J.R. Smith, Christopher Hill and A.R.

Skinner—Dating the Middle Stone Age (MSA) in the Egyptian High Desert Oases:

Constraining Occupations at Kharga, Dakhleh, and Bir Tarfawi

Julien Riel-Salvatore, Roberto Maggi, Gabriele Martino and Stefano Rossi—

(Re)Establishing the age of the "Young Prince" of the Arene Candide

Matt Boulanger and Michael O'Brien—Variation and Innovation in the American Paleolithic:

Morphometric Analysis of Eastern Paleoindian Projectile Points

Ivor Karavanic and Fred Smith—Research history and alternative interpretations of the Middle/Upper Paleolithic interface in Croatia

Federico Bernaldo de Quiros, Jose Manuel Maillo and Ana Neira—Behavioral changes in the Middle-Upper Paleolithic transition in Cantabria (Spain) from a historical view

Gilliane Monnier—Are we free from old paradigms? Implications of the new chronology on our understanding of culture change throughout the Lower/Middle Paleolithic

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

**Room:** 319 (CC)

**Time:** 1:00 PM–3:30 PM

**Organizer:** David Witt

**Chairs:** Linda Wheelbarger and David Witt

**Participants:**

1:00 Linda Wheelbarger—The Point Community: Overview of Research at Four Puebloan Sites in the Middle San Juan Region of Northwestern New Mexico

1:15 Ali Centra and Linda Wheelbarger—The Point Site Great Kiva: Description and Comparison of Architectural Characteristics

1:30 Jennifer Evans—Burials of the Point Community: A Comparison to Chaco Canyon

1:45 David Witt—Analysis and Comparison of Middle San Juan Chipped Lithics

2:00 Jacob Martin—Analysis of the Chipped Stone Artifacts from the 2008-2010 Excavations at the Point Site

- 2:15 Lori Reed—From Small Site to Big Picture: Ceramics from the Tommy Site and Chacoan Period Developments in the Middle San Juan Region, Northwest New Mexico
- 2:30 Meradeth Snow—Further Analysis of mtDNA from the Tommy and Mine Canyon Sites
- 2:45 Kyle Waller, Kathy Durand and Jack Fenner—Strontium Isotope Analysis of Migration at Two Chacoan Outliers in the Middle San Juan Region
- 3:00 Michelle Greene—Using Craniometric Measurements to Explore Possible Gene Flow in Local Populations in the Middle San Juan Region of New Mexico
- 3:15 Ezra Pelt—An Early Navajo Ceremonial Rock Art Panel in Stewart Canyon on the B-Square Ranch

**[220] SYMPOSIUM ■ FROM THE FIELD TO THE SYNCHROTRON RING: DISCOVERING ANCIENT WORLDS THROUGH MODERN TECHNOLOGIES**

*(Sponsored by The Society for Archaeological Sciences)*

**Room:** 301 (CC)

**Time:** 1:00 PM–3:30 PM

**Organizers:** Ioanna Kakoulli, Sergey Prikhodko and Christian Fischer

**Chairs:** Ioanna Kakoulli and Liz Friedman

**Participants:**

- 1:00 Sergey Prikhodko—At the interface between materials science and archaeology: new approaches to the metrology of ancient materials
- 1:15 Ioanna Kakoulli, Sergey Prikhodko, Christian Fischer, Sirine Fakra and Matthew Marcus—CSI archaeology: 'The Andean Mummy Case'. An omnidisciplinary approach intergrading field, laboratory and synchrotron radiation methods
- 1:30 Christian Fischer—Ancient Stone Sculptures: Materials Identification and Weathering Studies using a Multi-scale and Multi-analytical Approach
- 1:45 Liz Friedman, Lynn Swartz Dodd, Carlo Segre, Sarah Butler and Jon Almer—Arrowheads and Projectile Points from the Ancient Middle East: Indicators of Regional Metalworking Tradition and Imposed Imperial Demand
- 2:00 Brett Kaufman—Metallurgical responses to Deforestation: Alloy sequencing and environmental proxy data from the EBIV-MBII Southern Levant
- 2:15 Elizabeth Drolet—Differential burial environments: Effects on low-fired ceramics and implications for archaeological research
- 2:30 Tessa De Alarcon—Improvements in the histological analysis of archaeological and cultural materials using photoluminescent semiconductor nanocrystals: a case study
- 2:45 Sergey Prikhodko—Discussant
- 3:00 Christian Fischer—Discussant
- 3:15 Lynn Swartz Dodd—Discussant

**[221] SYMPOSIUM ■ LATE AND TERMINAL CLASSIC POLITICS IN THE NORTHERN MAYA LOWLANDS**

**Room:** 307 (CC)

**Time:** 1:00 PM–3:30 PM

**Organizer and Chair:** Scott Johnson

**Participants:**

- 1:00 Traci Ardren, Fernando Godos, Alejandra Alonso, Eric Stockdell and T. Kam Manahan—The architectural and archaeological transition from Late Classic to Terminal Classic at Xuenkal, Yucatan, Mexico
- 1:15 Dylan Clark, Mauricio Germon Roche and Rodolfo Canto Carrillo—The Port-

- Keepers and Fisherfolk of Isla Cerritos: New Perspectives on Island Occupation Before, During, and After Chichén Itzá
- 1:30 Peter Biro—A New Epigraphic Interpretation of Terminal Classic Northern Maya Lowlands History
- 1:45 Scott Johnson—Yaxuna to Chichen Itza: Using Small Sites to Look at Big Problems
- 2:00 Jeffrey Glover and Dominique Rissolo—Vista Alegre and Chichén Itzá: Evidence of a Northeastern Outpost?
- 2:15 Evan Parker, Stephanie Simms and George Bey—Descending the Stairway to Heaven: The Rapid Abandonment of a Terminal Classic Puuc Hilltop Site
- 2:30 Alfredo Barrera Rubio—Social and Political Dynamics at Kulubá, Northeastern Yucatán
- 2:45 Rach Cobos—Discussant
- 3:00 David Freidel—Discussant
- 3:15 Anthony Andrews—Discussant

**[222] SYMPOSIUM ■ THE STUDY OF INDIGENOUS LANDSCAPE MANAGEMENT PRACTICES IN CENTRAL CALIFORNIA**

**Room:** 204 (CC)

**Time:** 1:00 PM–3:30 PM

**Organizers:** Kent Lightfoot, Chuck Striplen and Mark Hylkema

**Chair:** Rob Cuthrell

**Participants:**

- 1:00 Kent Lightfoot—Issues in the Study of Pyro-Diversity Management Practices
- 1:15 Valentin Lopez—The Study of Indigenous Landscape Management Practices in Central California - Introduction to the Amah Mutsun Tribal Band
- 1:30 Mark Hylkema—California State Parks and the Quiroste Valley Cultural Preserve
- 1:45 Rob Cuthrell—Archaeological Research on Indigenous Landscape Management in Quiroste Valley, California
- 2:00 Cristie Boone and Diane Gifford-Gonzalez—The Fauna from Quiroste
- 2:15 Chuck Striplen—Fire and landscape change in Central Coastal California
- 2:30 Rand Evett and Rob Cuthrell—Phytolith Evidence for the Extent and Nature of Paleo-Grasslands in Quiroste Valley, central California, USA
- 2:45 Alicia Cowart and Roger Byrne—Changes in Vegetation and Fire Frequency in Central Coastal California as recorded in pollen and microscopic charcoal
- 3:00 Laurel Collins—Fluvial Geomorphology of Quiroste Valley and Whitehouse Creek during the last 200 Years
- 3:15 Josh Collins—Discussant

**[223] SYMPOSIUM ■ APPROACHES TO PREHISPANIC AGRICULTURAL SOILS IN THE NEW WORLD**

**Room:** 314 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** Melissa Kruse-Peebles and Colleen Strawhacker

**Chairs:** Colleen Strawhacker and Melissa Kruse-Peebles

**Participants:**

- 1:00 Melissa Kruse-Peebles, Dana Nakase and Sharon Hall—Soil Nutrient Dynamics and Moisture Retention of Prehistoric Runoff Agricultural Systems the Perry Mesa Region, Central Arizona
- 1:15 Colleen Strawhacker—Prehispanic Irrigated Agricultural Soils on the North Coast



- of Peru: Understanding the Effects of Long-Term Irrigation
- 1:30 Robert Powers—Volcanic Agriculture on the Pajarito Plateau
- 1:45 Melissa Goodman-Elgar—Social and ecological resilience in agrarian landscapes of the Andes
- 2:00 Timothy Beach and Sheryl Luzzadder-Beach—Soil Evidence for Use and Formation of Wetland Fields and Canals in Northern Belize
- 2:15 Jeffrey Homburg, Jonathan Sandor and Paul Minnis—Soil quality of ancient terraced agricultural fields of Chihuahua, Mexico
- 2:30 Gregory Zaro—Agro-ecological management of intervalley landscapes on Peru's arid south coast
- 2:45 Louise Purdue, Wesley D. Miles, Manuel R. Palacios-Fest, Bruce G. Phillips and David K. Wright—Prehistoric Agrosystems of Central Arizona: A Paleoenvironmental Approach to the Study of Hohokam Irrigated Fields and Canals
- 3:00 E. Christian Wells—Discussant
- 3:15 Jonathan Sandor—Discussant

**[224] SYMPOSIUM ■ RECOGNIZING SOCIAL BEHAVIOR IN ANCIENT QUARRIES AND LITHIC WORKSHOPS**

*(Sponsored by Prehistoric Quarry and Early Mines Interest Group, Center for the Investigation of Ancient Quarries, and LaPorta and Associates, L.L.C., Geological Consultants)*

**Room:** 311/312 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizers:** Damian Alvarez and Anne Dowd

**Chair:** Anne Dowd

**Participants:**

- 1:00 Joan Schneider—Making Milling Equipment: Division of Labor inferred from the Archaeological and Ethnographic Records
- 1:15 Karen Supak—Technological Stasis through Social Change: Understanding Motivations for Lithic Procurement Behavior at Clarksville Base, Ft. Campbell, Kentucky
- 1:30 Ryan Parish—Relationships between Procurement Strategies and Geologic Provenience at the Dover Quarry Sites, Tennessee
- 1:45 Anne Dowd and David Vleck—Lithic Sources in Wyoming's Upper Green
- 2:00 William Eckhardt, Antonio Porcayo and Martin Rojas—Around the 28th to the 32nd Parallel: Prehistoric Quarries of Baja California
- 2:15 Osiris Quezada—The Stone and their Ways of Extraction at Templo Mayor of Tenochtitlan in the Pre-Columbian period
- 2:30 Damian Alvarez, Cristina Desentis and Yuko Koga—Social Behaviors related to the Archaeological Identification of Metate-production from the Quarry to the Domestic Workshop: An Ethnoarchaeological Study from Puebla, Mexico
- 2:45 Maria Masaguer—Un Acercamiento Emic a los Canteros Mayas: El caso de Tixhualactun.
- 3:00 Hernan Salinas, Diego Salazar, Jean-Louis Guendon, Valentina Figueroa and Donald Jackson—Hunter-Gatherer-Fisher Mining during the Archaic Period in Coastal Northern Chile
- 3:15 David Field—The Emergence of Stone Extraction Sites at the Beginning of the Neolithic in the UK.
- 3:30 Geoffrey Braswell—Discussant

**[225] SYMPOSIUM ■ THE ENDURING LEGACY OF CEIBAL**

**Room:** 203 (CC)

**Time:** 1:00 PM–3:45 PM

**Organizer:** Jessica Munson

**Chair:** Takeshi Inomata

**Participants:**

- 1:00 Victor Castillo—The Preclassic Architecture at Ceibal: A view from the excavations at the A-24 Platform
- 1:15 Melissa Burham—The Preclassic Occupation in the East Court at Ceibal
- 1:30 Jessica MacLellan and Takeshi Inomata—In Search of an Early E-Group: Recent Investigations at Group A, Ceibal
- 1:45 Juan Manuel Palomo—The Path of Dead: Deposition of Human Remains in Ceibal
- 2:00 Daniela Triadan and Takeshi Inomata—Ceibal during the Terminal Classic
- 2:15 Jessica Munson—Preclassic temple architecture at Anonal
- 2:30 Kazuo Aoyama—Preclassic and Classic Maya Lithic Artifacts from Ceibal and Its Neighboring Sites, Guatemala
- 2:45 Richard Terry, Chris Balzotti, Jeff Findlay and David Wright—The Maize Agriculture Potential of Landforms at the ancient Maya sites of Ceibal and Aguateca, Guatemala
- 3:00 Daniel Bair, Richard Terry and Bruce Dahlin—Ancient Maya Activities at Public Plazas and Household Patios at Ceibal, Guatemala
- 3:15 Jeremy Sabloff—Discussant
- 3:30 E. Wyllys Andrews—Discussant

**[226] SYMPOSIUM ■ FIRE AND THE BODY: CREMATION AS A CONTEXT FOR SOCIAL MEANING**

**Room:** 306 (CC)

**Time:** 1:00 PM–4:00 PM

**Organizers:** Colin Quinn, Ian Kuijt and Gabriel Cooney

**Chair:** Colin Quinn

**Participants:**

- 1:00 Ian Kuijt and Colin Quinn—Body to Ashes: Social and Physical Transformations Through Cremation
- 1:15 Howard Williams—Burn Up or Fade Away? The Context of Cremation in Early Medieval Europe
- 1:30 Mark Schurr and Della Cook—The Temporal and Cultural Contexts of the Enigmatic Cremation Burials from the Yokem Site, Illinois, USA
- 1:45 Lynne Goldstein—Cremation in the Pre-Contact Eastern United States: Some Thoughts and Patterns
- 2:00 Jessica Cerezo Roman and Barbara Mills—Pathways to Personhood: Cremation as a Social Practice among the Tucson Basin Hohokam
- 2:15 Tim Sorensen—A Sort of Homecoming: On the Role of Returning in Secondary Burials
- 2:30 Asa Larsson and Liv Nilsson Stutz—Irreconcilable Differences? Cremation, Fragmentation and Inhumation in Mesolithic and Neolithic Sweden
- 2:45 Paul Duffy—Mortuary Practice and Diverging Social Trajectories in Bronze Age Hungary
- 3:00 Colin Quinn and Ian Kuijt—Smoke Signals: Variability in Social Discourse, Display, and Deposition of the Dead in Prehistoric Ireland
- 3:15 Joanna Brück—Cremation, Gender and Concepts of the Self in the British Bronze Age

- 3:30 Gabriel Cooney—Traditions and Transformations in the Irish Neolithic  
 3:45 John O'Shea—Discussant

**[227] SYMPOSIUM ■ DOMESTIC RESPONSES, CHALLENGES, AND COOPERATION IN ANDEAN STATE DEVELOPMENT**

**Room:** 308 (CC)

**Time:** 1:00 PM–4:15 PM

**Organizers:** Kylie Quave and Maeve Skidmore

**Chairs:** Maeve Skidmore and Kylie Quave

**Participants:**

- 1:00 Michele Koons—Examining Late Moche Sociopolitical Organization in the Chicama Valley: A View from Licapa II  
 1:15 Katrina Gataveckas—Domestic Spatial Organization: An Articulation of Elite Political Strategies and Religious Ideologies at the Moche Site of Huaca Colorada  
 1:30 Claudine Vallieres—Of Llamas and Maize: Ingesting Tiwanaku  
 1:45 Lucas Kellett—The Domestic Economy of Ancopaccha: The Wari Occupation of the Andahuaylas Region (Apuurimac), Perú.  
 2:00 Maeve Skidmore—Examining Wari domestic occupations in the Cusco region: preliminary results from Hatun Cotuyoc  
 2:15 Donna Nash—Daily Life and Identity in the Wari Realm: The Multi-ethnic community in Moquegua, Peru  
 2:30 Randy Hahn—Local Interactions with Provincial Administration in the Kingdom of Chimor  
 2:45 Anna Guengerich—Public, private, and the political house: reconfiguring the role of residential structures in late prehispanic Chachapoyas  
 3:00 Kylie Quave, René Pilco Vargas and Stephanie Pierce Terry—Administration and production on the Inka estate within the imperial heartland (Maras, Cusco, Peru)  
 3:15 Susan deFrance and Sofia Chacaltana—The Inca Empire and Local Culture in Far Southern Peru: Settlement at Tambo Tacahuay  
 3:30 Steven Wernke and Lauren Kohut—Spatial hegemony and domestic practice: varieties of households at an early colonial mission in the Colca Valley, Peru  
 3:45 R. Alan Covey—Discussant  
 4:00 Christine Hastorf—Discussant

**[228] GENERAL SESSION ■ EXPLORING IDENTITY, MOBILITY, AND INTERACTION THROUGH CERAMIC ANALYSIS**

**Room:** 304 (CC)

**Time:** 1:00 PM–4:15 PM

**Participants:**

- 1:00 Emily Stovel—pXRF on the South-Central Andean Ceramic Collections at the Field Museum in Chicago  
 1:15 Scarlett Chiu—Stylistic analysis using the online Lapita pottery database: A case study of a Lapita pottery assemblage excavated from Kamgot, Anir Islands, Papua New Guinea  
 1:30 Shawn Fehrenbach and Michael D. Glascock—Chemical Compositional Analysis of Late Prehistoric to Early Historic Earthenwares from Five Sites in Cambodia  
 1:45 Katrinka Reinhardt—Politics of food at the Chinese Bronze Age site of Yanshi Shangcheng  
 2:00 WengCheong Lam—"Private" Ceramic Workshop in the Late Qin State (300-200 B.C.): A case study of stamped ceramics from Xiyang region, China  
 2:15 Matthew Pawlowicz—Early 2nd-Millennium Ceramics at Mikindani, Tanzania and Implications of Ceramic Differentiation for Swahili Communities

- 2:30 Daniel Mahoney—Resistance or Isolation: The persistent ceramic tradition of the central highlands in Yemen during the Islamic period
- 2:45 Helen Loney and Peter van Dommelen—Colonial theory and pottery production: the changing relationships of local workshops during the Punic period, Sardinia
- 3:00 Jennifer Zovar—Community Formation in Post-Collapse Context: Results from a Ceramic Analysis at Pukara de Khonkho, Bolivia
- 3:15 Ancira Emily Baca Marroquin—Ceramic Production under Inca Imperial domination in the Central South Coast of Perú, Asia Valley.
- 3:30 Jalh Dulanto—Pampa Chica: An Early Horizon Style from the Central Coast of Peru
- 3:45 Dave Johnstone—The Middle Formative Ceramics from the Cochua Region
- 4:00 Fumie Iizuka, Hector Neff and Richard Cooke—Deducing Human Mobility by Studying the Circulation of Panama's Earliest Pottery (Monagrillo) (ca. 4,800-3,200 B.P.)

**[229] SYMPOSIUM ■ COMPARATIVE PERSPECTIVES ON CULTURE CONTACT AND INTERACTION: OBJECTS, CONTEXTS, AND PRACTICE**

**Room:** 315 (CC)

**Time:** 1:00 PM–4:30 PM

**Organizers and Chairs:** Dana Bardolph and Craig Smith

**Participants:**

- 1:00 Timothy Pauketat, Danielle Benden and Robert Boszhardt—Cosmic Contact in the Upper Mississippi Valley
- 1:15 Dana Bardolph—Pluralism and Practice: Negotiating Identity in the Late Prehistoric Central Illinois River Valley
- 1:30 Greg Wilson—Post-Cahokian Contact in the Central Illinois River Valley
- 1:45 Susan Alt—Persons, Places, Things: Hybrid Moments and the Processes of Change
- 2:00 Matthew Edwards, Katharina Schreiber and Craig Smith—Wari Enclaves, Local Emulation, and Interregional Exchange: The Dynamics of Culture Contact in the Central Andes during the Middle Horizon
- 2:15 Ulrike Green—Meeting in the Middle: Rethinking Culture Contact in the Moquegua Valley, Peru
- 2:30 Margaret Brown Vega—Beyond Battles: Interactions in Times of War on the Northcentral coast of Perú
- 2:45 Barker Fariss—Using GIS and Settlement Pattern Archaeology to Better Understand the Nature of Highland/Coastal Interaction during the EIP in the Moche Valley, Peru
- 3:00 Deborah Spivak—The Visual Frontier of Huaca del Loro
- 3:15 Diana Loren—The creation of a Puritan body: ideological and material strategies at colonial Harvard
- 3:30 Lee Panich—Archaeological Perspectives on the Persistence of Indigenous Identity in Colonial Contexts
- 3:45 Paul Farnsworth—Comparative Perspectives on Culture Contact in California and the Caribbean
- 4:00 J. Daniel Rogers—Discussant
- 4:15 Stuart Smith—Discussant

- [230] SYMPOSIUM ■ CHASING RAINBOWS FROM THE GREAT BASIN TO THE PACIFIC SHORE:  
HONORING THE ACCOMPLISHMENTS, INNOVATIONS, AND CONTRIBUTIONS OF C.  
WILLIAM CLEWLOW, JR**  
**Room:** 104/105 (CC)  
**Time:** 1:00 PM–4:45 PM  
**Organizer:** Helen Wells  
**Chairs:** Russell Kaldenberg and Helen Wells

**Participants:**

- 1:00 Russell Kaldenberg—Honoring the Life and Times of C. William Clewlow, Jr.,  
Iconic Archaeologist of the Great Basin and Far Southwest  
1:15 James O'Connell—"What's your work? When will I see copy?" Archaeology at  
Berkeley 1965-70  
1:30 Robert Elston—Washoe Archaeology Redux  
1:45 Helen Wells, Richard D. Ambro and Evelyn Seelinger—The Grass Valley  
Archaeological Project: Looking Back and Looking Forward  
2:00 Michael Walsh and A. Natasha Tabares—The Inland Chumash Research Project:  
Not a Chief in Site  
2:15 Richard Hughes—Taming Time in the Great Basin  
2:30 Clarus Backes—The Baby in the Bath Water: Revisiting Heizer and Clewlow's  
"Prehistoric Rock Art of California"  
2:45 Colin Busby—Alas, poor Billy, I wish I knew him well (with apologies to  
Shakespeare)  
3:00 Susan Hector—Evidence for Intensification and Diversification of Activities during  
the Contact Period in McCain Valley, San Diego County, California  
3:15 Shelly Davis-King—Somewhere Under the Rainbow: Trails From the Great Basin  
to the West  
3:30 Robert Bettinger—Aboriginal Use of the White Mountains, Eastern California  
3:45 David Whitley—Matters of Fact and Matters of Fiction: Epistemology and Ontology  
in the Use of Indigenous Knowledge for Rock Art Interpretation  
4:00 Lorann Pendleton Thomas and David Thomas—Grass Valley Billy: An  
Appreciation  
4:15 Carolyn Shepherd—Discussant  
4:30 C. William Clewlow—Discussant

- [231] GENERAL SESSION ■ PALEOINDIAN TECHNOLOGIES AND SUBSISTENCE**  
**Room:** 305 (CC)  
**Time:** 1:00 PM–4:45 PM  
**Chair:** Edward Knell

**Participants:**

- 1:00 Brian Wygal—Testing the Mammoth Refugia Hypothesis in the Central Alaska  
Range  
1:15 Stephan Heidenreich—Late Pleistocene Lithic Tool Assemblages in Eastern  
Beringia: Cultural-Chronological Disparity vs. Functional Variability  
1:30 Robert Kopperl, Christian Miss and Charles Hodges—Evidence of Human  
Occupation of the Puget Sound Lowlands at the Pleistocene-Holocene Transition  
from Excavations at the Bear Creek Site (45K1839), Redmond, Washington  
1:45 R. Lee Lyman—Paleoarchaic Exploitation of Mammals in Eastern Washington  
State  
2:00 Edward Knell and Matthew E. Hill—Linking Late Paleoindian Bones and Stones:  
Regional Variation in Late Paleoindian Land Use and Foraging Strategies  
2:15 MacLaren Law de Lauriston—A Paleo-Archaic Through Caddoan Site in Eastern

- Oklahoma
- 2:30 Steven Holen—The Lamb Spring and Scott Spring Sites, Douglas County, Colorado: New evidence for late Pleistocene Human Association
- 2:45 William Reitze—A Geoarchaeological Interpretation of Lake Estancia, New Mexico
- 3:00 Jesse Ballenger—The Densest Concentration on Earth? Quantifying Human-Mammoth Associations in the San Pedro Basin, Southeastern Arizona
- 3:15 William Jerrems—Testing the Clovis paradigm: fishing and hunting at the end of the Younger Dryas
- 3:30 Jeanne Binning and Alan P. Garfinkel—The Manifestation of Clovis in the Far Western United States: An Example from Inyo County, California
- 3:45 Angelo Constantine—Early Settlements in continental Ecuador: New Evidences of Pre-Ceramic sites
- 4:00 Fabiana Martin, Manuel San Roman, Flavia Morello, Francisco J. Prevosti and Luis Alberto Borrero—The FONDECYT 1100822 Project, Ultima Esperanza, South Chile: Taphonomic reevaluation of the Late Pleistocene interaction between humans and extinct fauna in Southern Patagonia
- 4:15 José Capriles and Juan Albarracín-Jordan—Late Pleistocene human occupation in highland Bolivia: Archaeological evidence from the Sora River caves
- 4:30 Astolfo Araujo—Paleoindians in Southeastern Brazil: New Data from Rio Claro and Lagoa Santa

**[232] SYMPOSIUM ■ THEORIZING THE SALISH SEA: NEW PERSPECTIVES ON THE GULF OF GEORGIA REGION OF THE NORTHWEST COAST**

**Room:** 313 (CC)

**Time:** 1:00 PM–5:00 PM

**Organizers:** Colin Grier, Kisha Supernant and Patrick Dolan

**Chairs:** Kisha Supernant and Patrick Dolan

**Participants:**

- 1:00 David Bilton and Bryn Letham—Beyond the River: A Look at the Intersections of Landscape and Culture in shísháhl Prehistory
- 1:15 Gary Coupland and Gay Frederick—Diversity in the Salish Sea: The Case of the Sechelt of the Northern Georgia Strait
- 1:30 Chris Springer, Megan Caldwell, Dana Lepofsky, Sarah Johnson and Michelle Washington—The Built Environment of the Northern Coast Salish: An Archaeological View from Desolation Sound, British Columbia
- 1:45 Adam Rorabaugh—Exploring Variation in Sociocultural Transmission Between Blade and Hafting Elements of Chipped Stone and Ground Slate Points in the Salish Sea, Northwest North America.
- 2:00 Amanda Taylor—Triangulating the Emergence of Territorial Circumscription in the San Juan Islands, Washington
- 2:15 Darcy Mathews—Powerful Practice: Ritual Action and the Funerary Landscape of Rocky Point
- 2:30 Patrick Dolan—Rules and Roles: The Scale of Economic Production at Dionisio Point, a Marpole phase Village
- 2:45 Anthony Graesch, David Schaepe and Lisa Dojack—Built Space and the Instantiation of Political Authority in the Pacific Northwest: The Relationship of In-Ground to Above-Ground Residential Architecture on the Central Coast
- 3:00 David Schaepe, Michael Blake, Sue Formosa, Dana Lepofsky and Anthony Graesch—Exploring Xelháhl as a Place of Centralized Power among the Stó:lo-Coast Salish
- 3:15 Kisha Supernant—To Defend or not to Defend?: An evaluation of the defensibility

- of rock feature sites in the Lower Fraser River Canyon, BC
- 3:30 Terry Clark—Archaeology of communities within the Salish Sea: grappling with issues of scale and identity.
- 3:45 Michael Blake—Modeling Territories along the Northern Shores of the Salish Sea
- 4:00 Bill Angelbeck— An “Indirect Historical Approach” to Cultural Change: Considering Shifts in Societal Tensions throughout the Coast Salish Past
- 4:15 Colin Grier—Resource Ownership and Contested Domains of Sociopolitical Complexity in the Coast Salish World
- 4:30 Ken Sassaman—Discussant
- 4:45 Ken Ames—Discussant

**[233] POSTER SESSION ■ BIOARCHAEOLOGY OF THE AMERICAS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 233-a Matthew Velasco and Elizabeth Arkush—Variations on a Tomb: Stylistic Difference and Conceptual Similarity in Northern Titicaca Basin Mortuary Practice
- 233-b Cassandra Koontz and John Rick—Unceremonious Endings: Burial Treatment, Trauma, and Paleopathology of a Historic Population from Chavín de Huántar, Peru
- 233-c Valerie Andrushko—Skeletal Evidence for Inca Warfare from Cuzco, Peru
- 233-d Teresa Franco—Chinchorro Maritime Foragers in the Coastal Camarones Valley of Northern Chile: Seasonality and Paleocology
- 233-e Amanda Bailey—Artificial Cranial Modification At the Carson Mounds Site
- 233-f Mark Hubbe and Christina Torres-Rouff—The occupation of the San Pedro de Atacama oases (northern Chile): A review of the chronology and geography of settlement through the direct 14C dating of human remains
- 233-g Sara Juengst and Sergio Chavez—After the Fall: Trauma and Labor in the Late Intermediate Period at Ch'isi
- 233-h Ellen Lofaro and Tiffany Tung—Mississippian Stress: A Comparative Study of Degenerative Joint Disease in Tennessee and Georgia
- 233-i Richard Sutter—Dentally Derived Phenetic Relatedness Among the Moche (AD 200 – 750) of the North Coast of Perú: A Comparison of the Skeletal Populations from San José de Moro to those from the Moche Valley
- 233-j Kent Johnson, Kristin Nado and Paul Goldstein—A Reevaluation of the Dual Diaspora Model of Tiwanaku Organization in the Moquegua Valley, Peru using Odontometric and Cranial Nonmetric Data
- 233-k Andrew Somerville, Paul Goldstein, Sarah Baitzel and Margaret Schoeninger—Paleodiet in the Tiwanaku Periphery: Carbon and Nitrogen Isotope Data from Rio Muerto, Moquegua, Peru
- 233-l Aubree Gabbard and Danielle Kurin—A bioarchaeological comparison of cranial modification and health in ancient highland and coastal Peru
- 233-m Corina Kellner, Andrew Somerville and Margaret Schoeninger—Strontium analyses of human bone reveal no Wari state emissaries in the Nasca region of south coastal Peru (750-1000 A.D.)

**[234] POSTER SESSION ■ FROM MOMENTS TO MILLENNIA: MULTISCALAR ANALYSES OF THE NEOLITHIC-EARLY BRONZE AGE MORTUARY LANDSCAPE OF TORRES VEDRAS, PORTUGAL**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Organizer and Chair:** Katina Lillios

**Participants:**

- 234-a Anna Waterman, David, W Peate and Ana Maria Silva—In search of homelands: using strontium isotopes to identify biological markers of mobility in late prehistoric Portugal
- 234-b Joe Artz—The Architecture of Ritual: the Creation of a Rock-Cut Tomb at Bolores, Torres Vedras, Portugal
- 234-c Sara Moore and Anna Waterman—Determining biological sex ratios using hand and foot metrics of the Neolithic-Early Bronze Age burial population of Bolores (Torres Vedras, Portugal)
- 234-d Meagan Thies and Joe Artz—GIS, Taphonomy, and the Mortuary Rockshelter of Bolores, Torres Vedras, Portugal
- 234-e Katina Lillios—Interpreting Variability of Late Neolithic Burial Sites in the Sizandro-Alcabrichel River Valleys

**[235] POSTER SESSION ■ MORTUARY ANALYSIS IN THE AMERICAS**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 235-a Kristina Eronat—Marine Subsistence as Probable Cause for Dental Health Variations in Prehistoric Panamanians of the Caribbean Coast : Quantitative and Non-Metric Dental Analysis from Sitio Drago, Isla Colón, Bocas del Toro, Panama
- 235-b Jeremy Pye—Faces from the Past: History of Ceramic Memorial Portraits on Grave-Markers
- 235-c Cheryl Anderson, Debra Martin and Jennifer Thompson—Taphonomy and Cremation of Human Remains from San Francisco de Borja
- 235-d Jessica Raab—And You Shall Know Us By The Trail Of The Dead: Documenting Traumatic Injury in the Pericú of Baja California Sur
- 235-e Spencer LeDoux—Spatial Relationships and Burial Patterns at the Lake Jackson Site, Florida
- 235-f Jonathan Scholnick—Spatial Patterning and Stylistic Diffusion in New England Gravestones

**[236] POSTER SESSION ■ MORTUARY ANALYSIS IN THE OLD WORLD**

**Room:** East Lobby-Third Floor (CC)

**Time:** 2:30 PM–4:30 PM

**Participants:**

- 236-a Gwyn Madden and Janet Brashler—A Late Roman Early Byzantine Tomb in Northern Jordan
- 236-b Meredith Chesson and Morag Kersel—Following the Pots: Groundtruthing a Looted Cemetery, Assessing Loss, and Utilizing What Remains
- 236-c Alexis Dolphin, Katharina Lorvik and Anna Karin Hufthammer—Dental Indicators of Children's Responses to Urbanisation in Early Medieval Bergen, Norway
- 236-d Jacqueline Eng and Vanchigdash Mergen—Health of Xiongnu and Mongol Period populations: a bioarchaeological analysis of pastoral populations from two ancient



- Mongolian empires
- 236-e Ben Shepard—Middle Holocene political economies in the Cis-Baikal, Russia: insights from mortuary data.
- 236-f Monica Tromp and John Dudgeon—SEM-EDS is an effective tool for population-level analysis of microfossils extracted from prehistoric human dental calculus
- 236-g Hillary Glasgow, Matt Sponheimer and Andrew Wilson—Stable Isotope Analysis of Ancient Nubian Hair: A Comparison of Two Medieval Skeletal Populations from Kulubnarti, Sudan

**[237] POSTER SESSION ■ THE DEAD DON'T BURY THEMSELVES\*: TAPHONOMY AS A TOOL TO UNDERSTAND VIOLENCE AND SEX IN THE PAST**

**Room:** East Lobby

**Time:** 2:30 PM–4:30 PM

**Organizers:** Ryan Harrod, Anna Osterholtz and Debra Martin

**Chairs:** Ryan Harrod and Anna Osterholtz

**Participants:**

- 237-a Judith Littleton, Michael Dickson and Bruno Frohlich—Postmortem violence? Identifying and interpreting postmortem disturbance in Mongolia
- 237-b John Robb, Christopher Knüsel and Maryanne Tafuri—From bone to stone: processing the dead at Scaloria Cave, Italy
- 237-c John Crandall, Debra Martin and Jennifer Thompson—Reconstructing Taphonomy at La Cueva de los Muertos Chiquitos
- 237-d Ventura Pérez and Peter Jiménez Betts—The Taphonomy of a Sacrifice: Burial 6 of the Patio Hundido at el Teul
- 237-e Vera Tiesler, Arturo Romano-Pacheco and Jorge Gómez-Valdés—Re-evaluating the human remains of Ossuary 1 from El Zapotal, Veracruz
- 237-f H. Wolcott Toll and Nancy Akins—Violence against People, Bodies, or Bones: Lessons from La Plata New Mexico
- 237-g Anna Osterholtz and Ann Stodder—Personal Taphonomy at Sacred Ridge: Burial 196
- 237-h Pamela Stone—Contextualizing Death and Trauma at Canyon de Muerto
- 237-i Kerriann Marden—Violence, taphonomy and cannibalism in Chaco Canyon: Discerning taphonomic changes from human action in the archaeological record
- 237-j Ryan Harrod and Debra Martin—Taphonomy After the Fact: Violence, Sex and Ritual in Room 33 at Chaco
- 237-k Misty Fields, James Watson and Marijke Stoll—An Expanded Taphonomic Approach to Violence and Postmortem Signaling in Early Farming Communities of the Sonoran Desert
- 237-l Debra Martin, Kristin Kuckelman and Debra Martin—Taphonomy and Warfare in the Mesa Verde Region
- 237-m Rebecca Carroll and Rebecca Storey—The Posthumous Treatment of Multiple Inhumations: Evidence of Companion Sacrifice?
- 237-n Heidi Bauer-Clapp, Laura Solar Valverde and Lisa Rios—The Blessing and the Curse of Taphonomic Processes: A Bioarchaeological Analysis of a Shaft Tomb from Southern Zacatecas, Mexico

**[238] GENERAL SESSION ■ AGRICULTURE, WATER, AND ANTHROPOGENIC LANDSCAPES IN MESOAMERICA: PART 2**

**Room:** 316 (CC)

**Time:** 3:15 PM–5:00 PM

**Chair:** Daniel Leonard

**Participants:**

- 3:30 Daniel Leonard and Jeffrey Vadala—Ancient Maya Wetland Management in the Yalahau Region of Northern Quintana Roo, Mexico
- 3:45 Samantha Krause, Thomas Guderjan, Sheryl Luzzadder-Beach and Timothy Beach—Identifying the extent of ancient Maya ditched field systems in the Rio Hondo valley of Belize and Mexico.
- 4:00 Deanna Jones and Anabel Ford—Mismanagement or Misrepresentation: Implications of Botanical and Faunal Data from the Maya Forest
- 4:15 Scott Macrae and Gyles Iannone—The Development and Maintenance of Ancient Maya Agricultural Systems: A Case Study from Minanha, Belize
- 4:30 Kimberly Berry—Thirty Years of Wetland Research at Pulltrouser Swamp: Extracting Ourselves and Meaning from the Clay-rich Sediments
- 4:45 Linda Neff and Ted Neff—Year One: Lessons Learned on the Belize Farming Past and Present Experimental Archaeology Project

**[239] SYMPOSIUM ■ ARCHAEOLOGY BEHIND THE REDWOOD CURTAIN: RECENT RESEARCH ON THE NORTH COAST OF CALIFORNIA**

**Room:** 309/310 (CC)

**Time:** 3:15 PM–5:00 PM

**Organizer and Chair:** C. David Johnson

**Participants:**

- 3:15 Janet Eidsness—Context of Place: Behind the Redwood Curtain, North Coastal California
- 3:30 Nick Angeloff—California Humboldt Subsistence Settlement
- 3:45 Shannon Tushingham—Historic Trends in the Mass Harvest of Smelt (Osmerids) on the North Coast of California
- 4:00 William Larson, Bridget Wall and Mark Basgall—The Smith Creek House Pit Site: Archaeological Investigation of an Ethnographic Village.
- 4:15 C. David Johnson—The Long-Lost Coast: Searching for Evidence of Early Coastal Migration in the King Range National Conservation Area
- 4:30 William Rich—North Coast Digital Heritage Project
- 4:45 Jamie Roscoe—Discussant

**[240] GENERAL SESSION ■ INTERACTION AND EXCHANGE IN THE AMERICAS**

**Room:** 302/303 (CC)

**Time:** 3:15 PM–5:00 PM

**Chair:** William Green

**Participants:**

- 3:15 Victoria Stosel—An Examination of Alaskan Shell Beads
- 3:30 Melinda McCrary, MA, RPA—New Discoveries in the Spatial Distribution of Olivella Grooved Rectangle (OGR) Beads
- 3:45 Patrick Dempsey—Shoshonean Votive Objects Along the Southern California Bight
- 4:00 William Green—Greenshield Revisited: Alfred W. Bowers' Excavations at a

- 4:15 Contact-Era Arikara and Mandan Site in Oliver County, North Dakota  
 Thomas Foster and Matthew Boehm—An analysis of Native American trade from factory records of the early nineteenth century in Georgia
- 4:30 Maureen Meyers—Trade and Power Across Households at a Mississippian Frontier
- 4:45 S. Margaret Spivey—All Our Relations: Elucidating Social Networks through an Analysis of Lithic Trade Networks Associated with the Poverty Point Site

**[241] GENERAL SESSION ■ NATIVE AMERICAN RESPONSES TO EUROPEAN CONTACT, COLONIZATION, AND ASSIMILIATION**

**Room:** 103 (CC)

**Time:** 3:15 PM–5:00 PM

**Chair:** Jacob Sauer

**Participants:**

- 3:15 Jacob Sauer—Resistance and Resilience in Indigenous Social Systems: The Araucanian Example from South-Central Chile
- 3:30 Alexander Menaker—Colonial Beads throughout the Peruvian Andes
- 3:45 Nathaniel VanValkenburgh and Carol Rojas Vega—Urbs and Civitas: Forced Resettlement and the Fashioning of Political Subjectivity in the Zaña and Chamán Valleys, Perú - 16th to 18th Centuries, AD
- 4:00 Matthew Schmader—Coronado in the Tiguex Province: Assemblage and Tactics of a 16th Century Spanish Entrada Site
- 4:15 Margaret Stack—An Archaeological Appraisal of 18th and 19th Century “Spanish Indians” on the West Coast of Florida
- 4:30 Marcus Grant—Recognizing Late Nineteenth and Early Twentieth Century Native American Refuge Sites in the Desert West
- 4:45 Liam Frink—The Political Economy of Native Alaskan Children and Religious Colonialism

**[242] SYMPOSIUM ■ A NEW FRONTIER FOR HISTORIC PRESERVATION: SPACE AND AVIATION HERITAGE**

**Room:** 202 (CC)

**Time:** 3:30 PM–5:00 PM

**Organizer:** Lisa Westwood

**Chairs:** Lisa Westwood and Beth O’Leary

**Participants:**

- 3:30 Beth O’Leary—The Evolution of Space Archaeology and Heritage
- 3:45 Lisa Westwood—The Congressional Spyglass: an Alternative View of Historic Preservation on the Moon
- 4:00 Nicole Ramirez and Lisa Westwood—Space Exploration as a Universal Value: A Case for Nominating Tranquility Base as a World Heritage Site
- 4:15 Justin Walsh—Models for the Protection of Cultural Heritage in Space: An Internationalist Perspective
- 4:30 Hanna Szcapanowska and Thomas Mathia—Space Heritage, model of transmitting aerospace technology concepts to the public; a case study, Apollo heat shield.
- 4:45 Wayne Donaldson—Countdown to Disaster: The Preservation of Cold War Era Aerospace Resources and Beyond

**[243] GENERAL SESSION ■ CERAMIC ANALYSIS IN MESOAMERICA**

**Room:** 301 (CC)

**Time:** 3:45 PM–5:00 PM

**Chair:** Jim Aimers

**Participants:**

- 3:45 Mia Jorgensen—Resuming the Past: Revisiting Ceramic Materials from Millon, Drewitt, and Bennyhoff's 1959 Investigations of the Pyramid of the Sun
- 4:00 Don Perez—Petrographic Analysis of Potsherds from the Ancient Maya Site of Copan
- 4:15 Jim Aimers and Helen Haines—The Pottery of Ka'Kabish, Belize
- 4:30 Yuko Shiratori and Miriam Salas—Ceramics of the Itza Maya in the Petén Lakes Region
- 4:45 Carmen Sanchez Fortoul—Mayapán Pottery Materials: A Petrographic Analysis

**[244] GENERAL SESSION ■ CULTIVATION AND SETTLEMENT IN THE AMERICAN SOUTHWEST**

**Room:** 319 (CC)

**Time:** 4:00 PM–5:00 PM

**Chair:** Fred Nials

**Participants:**

- 4:00 Arthur MacWilliams, Robert Hard, John Roney and Karen R. Adams—A15-06 and Settlement on the Río San Pedro River of Southern Chihuahua, Mexico
- 4:15 Fred Nials—An Early Agricultural Period Irrigation System in the Tucson Basin, Arizona, USA
- 4:30 Joshua Foster—Mimbres Mortar Holes, what were there purpose?
- 4:45 Andrea Messer—Population Pressure and Small Ancestral Pueblo Sites in the Mesa Verde Region

**[245] GENERAL SESSION ■ ARCHAEOLOGY OF THE DEAD IN SOUTH AMERICA: PART 2**

**Room:** 307 (CC)

**Time:** 3:45 PM–4:45 PM

**Chair:** Danielle Kurin

**Participants:**

- 3:45 Sara K. Becker—Labor in the South Central Andes: A Bioarchaeological Study of Activity within the Tiwanaku Polity
- 4:00 Sonia Alconini and Sara K. Becker—Trophy Head Taking in the Eastern Tiwanaku Peripheries: The Site of Wata Wata in the Charazani Valley, Bolivia
- 4:15 Christine Pink and Danielle Kurin—Beyond the grave: Continuity among Chanka populations in the Andahuaylas Province, Peru.
- 4:30 Danielle Kurin and D. Enmanuel Gomez Choque—No pain, no gain: post-imperial violence and ethnic solidarity among the Chanka of highland Peru (AD 1000-1400)

**[246] GENERAL SESSION ■ COMMUNITY ORGANIZATION, STORAGE, AND CONSTRUCTED SPACE IN AFRICA**

**Room:** 311/312 (CC)

**Time:** 4:00 PM–4:45 PM

**Chair:** Elisabeth Hildebrand

**Participants:**

- 4:00 Elisabeth Hildebrand and Timothy Schilling—Social and Economic Significance of Early Storage Pits on Sai Island, Sudan

- 4:15 George Herbst and Stuart Smith—Pre-Kerma transition at the Nile Fourth  
Cataract: evidence of stratified late prehistoric settlement in northern Sudan  
4:30 Christine Plimpton—The Origin of Egyptian House Space Permeability Pattern

**[247] GENERAL SESSION ■ GLOBAL CULTURAL HERITAGE AND COMMUNITY ENGAGEMENT**

**Room:** 314 (CC)

**Time:** 4:00 PM–5:00 PM

**Chair:** Fred Hiebert

**Participants:**

- 4:00 Rosana Najjar—The City as Artifact: digging at the Historic Center of Salvador,  
Brazil  
4:15 Eszter Banffy—Cultural Heritage Management and Archaeological Research in  
the Americas and Europe A Forum on SAA and EAA Collaboration  
4:30 Fred Hiebert—Cultural heritage protection in Afghanistan: Update on archaeology  
4:45 John Bower—Serengeti Breakthrough: Opening the Door to CHM in Tanzania's  
World Famous Wildlife Park

**[248] SYMPOSIUM ■ RECENT RESEARCH AT ARIZONA NATIONAL PARKS AND MONUMENTS**

**Room:** 204 (CC)

**Time:** 4:00 PM–5:00 PM

**Organizers:** Kelly Stehman and Lisa Baldwin

**Chair:** Lisa Baldwin

**Participants:**

- 4:00 Duane Hubbard, Gavin Gardner and Jake DeGayner—New Archaeological  
Research Resulting from Border Impacts at  
4:15 Theodore Tsouras—The Easy Way Down: Documentation of Walnut Canyon  
National Monument's Ancient Water Trail  
4:30 Kelly Stehman and Lisa Baldwin—Investigating the Historic Navajo Occupation of  
Wupatki National Monument  
4:45 Ellen Brennan, Ian Hough and Charlie Webber—Investigating A New Organic  
Amender Compound For Use During Stabilization Activities On Prehistoric  
Structures at Grand Canyon National Park

**Sunday Morning ■ April 3, 2011**

**[249] FORUM ■ ANTHROPOGENIC SEDIMENTS AS ARCHAEOLOGICAL OBJECTS: A DISCUSSION FORUM**

*(Sponsored by Geoarchaeology Interest Group)*

**Room:** 103 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer and Chair:** Melissa Goodman-Elgar

**Participants:**

Paul Adderley—Discussant  
Timothy Beach—Discussant  
E. Christian Wells—Discussant  
William Farrand—Discussant  
Joseph Schuldenrein—Discussant  
Nicholas Wolff—Discussant  
Patricia McAnany—Discussant

**[250] FORUM ■ GIS MODELING AT THE SITE OF JOYA DE CERÉN**

**Room:** 302/303 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Shanti Morell-Hart and Christine Hastorf

**Chairs:** Rob Cuthrell and Alan Farahani

**Participants:**

Katherine Chiou—Discussant  
Peter Nelson—Discussant  
Linda Brown—Discussant  
Brian McKee—Discussant  
Harriet Beaubien—Discussant  
Marilyn Beaudry—Discussant  
Christine Dixon—Discussant  
Anna Harkey—Discussant  
Annelise Morris—Discussant

**[251] FORUM ■ TODAY'S ONLINE MEDIA BLACK HOLE AND ARCHAEOLOGY**

*(Sponsored by Media Relations Committee and Gene S. Stuart Award Committee)*

**Room:** 317/318 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizers:** Renata Woly nec and Jon Czaplicki

**Chair:** Renata Woly nec

**Participants:**

Renata Woly nec—Discussant  
Jon Czaplicki—Discussant  
Andrea Messer—Discussant  
Pei-Lin Yu—Discussant  
Zachary Nelson—Discussant

**[252] FORUM ■ WHEN THE TANGIBLE AND INTANGIBLE ARE ONE: EXPLORING THE IMPLICATIONS OF INDIVISIBLE CULTURAL HERITAGE FOR ARCHAEOLOGY**

**Room:** 316 (CC)

**Time:** 8:00 AM–10:00 AM

**Organizer:** George Nicholas

**Participants:**

Martin Wobst—Discussant  
Margaret Bruchac—Discussant  
Desiree Martinez—Discussant  
John Norder—Discussant  
Robert Preucel—Discussant  
Ora Marek-Martinez—Discussant  
Des Kahotea—Discussant

**[253] SYMPOSIUM ■ DETECTING AND INTERPRETING RITUAL IN ARCHAEOLOGICAL SITES**

**Room:** 315 (CC)

**Time:** 8:00 AM–10:15 AM

**Organizers:** Daniela Klokler, Ximena Villagran and Maria Dulce Gaspar

**Chair:** Ximena Villagran

**Participants:**

8:00 Thomas Huffman—The organisation of ritual in early farming societies in southern Africa  
8:15 Marisa Afonso—Archaeological approaches to ritual in Southeastern Brazil: shell mounds and Tupi Guarani sites  
8:30 Ian McNiven—Ritual middening practices in Torres Strait, NE Australia  
8:45 Maria Dulce Gaspar and Daniela Klokler—Amourins: same site, different perspectives. Sambaqui archaeology 30 years later  
9:00 Jose Lopez—Funerary and ritual practices in Prehistoric lowlands of Uruguay.  
9:15 Antonieta Jerardino—Integrating hunter-gatherer resource intensification and feasting along the West Coast of South Africa  
9:30 Gina Bianchini, Rita Scheel-Ybert, Maria Dulce Gaspar and Paulo Antônio Dantas DeBlasis—Tropical feasting by the edge of the sea: evidences of plant use in a funerary shellmound site from Southern Brazil  
9:45 Elisa Villalpando—La Playa. Some Hints on Ritual at Early Agricultural Communities in Northwest Mexico  
10:00 Daniela Klokler and Ximena Villagran—Optimal foraging and exceptional feasting: from environmental adaptation to social integration

**[254] SYMPOSIUM ■ AN ARCHAEOLOGY OF HERITAGE: WHAT DOES THE PRESERVATION OF REMAINS FROM THE PAST REVEAL ABOUT THE PRESENT?**

**Room:** 314 (CC)

**Time:** 8:00 AM–10:30 AM

**Organizers:** Elizabeth Chilton and Cornelius Holtorf

**Chairs:** Cornelius Holtorf and Elizabeth Chilton

**Participants:**

8:00 Cornelius Holtorf—The Archaeology of Heritage: An Introduction  
8:15 K. Anne Pyburn—World Heritage: Universality or Just Globalization?  
8:30 Anders Högberg—Old Uppsala, Sweden: 1,500 year old Royal burial mounds and what they can reveal about heritage today  
8:45 Morag Kersel and Yorke Rowan—Deconstructing the Holy Land: Cultural

- Heritage, Archaeology, Tourism and the Miniature
- 9:00 Willem Willems—Problems with preservation in situ
- 9:15 Ian Russell—The ethics of oblivion and forgetting: Against archaeology's hypermodern heritage
- 9:30 Mats Burström—"As Long as the World Lasts..." Time perspectives within cultural heritage management
- 9:45 John Schofield—The persistence of place, beyond preservation
- 10:00 Liv Nilsson Stutz—Schwarzenegger's smile. The controversy of the Mamilla Cemetery and how the preservation and destruction of a burial site takes central stage in world politics.
- 10:15 Elizabeth Chilton—Museum as artifact: a case study from (colonial) New England

**[255] GENERAL SESSION ■ ISOTOPE RESEARCH: INSIGHTS AND CONTRIBUTIONS**

**Room:** 301 (CC)

**Time:** 8:00 AM–10:30 AM

**Chair:** Margaret Schoeninger

**Participants:**

- 8:00 Lee Drake—Isotopic Chemistry & You: New Ways to Detect Drought
- 8:15 Margaret Schoeninger, Melanie Beasley, Andrew Froehle and Corina Kellner—Diet reconstruction using carbon stable isotope in bone collagen and apatite
- 8:30 Jacob Fisher—Climate Change, Isotopes, and Mountain Sheep Hunting at Five Finger Ridge, Utah
- 8:45 Diane Wilson—A Synthesis of Dietary Stable Isotope Values from the Caddo Culture Region
- 9:00 Emily Webb, Christine White and Fred Longstaffe—Isotopic evidence for the regional significance of the Nasca ceremonial centre of Cahuachi
- 9:15 Clive Bonsall, Ivana Radovanovic, Adina Boroneant, Catriona Pickard and Gordon Cook—Distinguishing between freshwater- and terrestrial-based diets? The case of the Iron Gates Mesolithic
- 9:30 Alasdair Whittle, Penny Bickle, Alex Bentley, Robert Hedges and Linda Fibiger—Diversity in LBK lifeways
- 9:45 Vicky Oelze and Michael Richards—Early Bronze Age & Early Iron Age couch potatoes – Is there evidence for mobility at the sites of Singen & Magdalenenberg?
- 10:00 Sylvia Deskaj—In Search of Origins: The application of Strontium isotope analysis along the eastern Adriatic
- 10:15 Phillip Johnson and Eric J. Bartelink—Prehistoric Marine and Terrestrial Resource Consumption in West Polynesia: Isotopic Evidence from Tutuila Island, Amerika Samoa

**[256] SYMPOSIUM ■ THE SACRAMENTO RIVER AND ITS MOUNDS: A FRESH LOOK AT ITS PREHISTORY.**

**Room:** 202 (CC)

**Time:** 8:00 AM–10:30 AM

**Organizer and Chair:** Nikki Polson

**Participants:**

- 8:00 Tim Carpenter and Kim Carpenter—Prehistoric Faunal Resource Use along the Lower Sacramento River, California
- 8:15 Eric Wohlgemuth—Change and Continuity in Prehistoric Plant Resource Use along the Lower Sacramento River
- 8:30 Jack Meyer and Jeffrey Rosenthal—Geoarchaeological Landscape History of the



- Sacramento River
- 8:45 Emilie Zelazo—Resource Intensification in Central California: Evidence from the Sacramento River and Consumnes River Drainage
- 9:00 Nikki Polson—Learning from the past: a double meaning
- 9:15 John Darwent, Tim Carpenter and Richard Deis—Prehistoric lithic recycling in the lower Sacramento Valley, California
- 9:30 Anna Starkey—From Bulbs to Bolas - Baked Clay in Prehistoric Sites along the Sacramento River
- 9:45 Richard Deis—Occupation and Settlement Patterns Along the Sacramento River
- 10:00 Jerald Johnson—Discussant
- 10:15 William Hildebrandt—Discussant

**[257] SYMPOSIUM ■ MAPPING AND TECHNOLOGICAL EXPERIMENTS IN ARCHAEOLOGY**

**Room:** 306 (CC)

**Time:** 8:00 AM–10:45 AM

**Organizer and Chair:** Justin Williams

**Participants:**

- 8:00 Christopher Noll, John Kannady and Brenton Sharratt—Lithic Scatters that Blow: Wind as an Agent of Secondary Deposition of Lithic Artifacts.
- 8:15 Kristin Safi—Examining Processes of Migration and Friction Routes to Explain the Depopulation of the Mesa Verde Region
- 8:30 Louis Fortin—Lithic Investigations and Spatial Patterning in the Moquegua Valley, Peru
- 8:45 Stefani Crabtree, Ziad Kobti and Tim A. Kohler—Archaeology Time Machine: Witnessing Social Interactions on the Pueblo Landscape through Agent-based Simulation
- 9:00 Justin Williams—Platform Size and Flake Morphology: the Effects of Nodule Shape
- 9:15 Sarah Price, Andrew Bradbury and Philip Carr—One Size Does Not Fit All: Small-Gravel Cherts and Reconsideration of the Knapping Process
- 9:30 Erin McIlraith and Justin Williams—Learning Lithics: Quantifying Flake Uniformity for a Beginner Flint Knapper
- 9:45 Philip Fisher and Kathryn Harris—A New Measure of Curation for North American Hafted Bifaces
- 10:00 Kathryn Harris and Philip Fisher—Efficiency of hafted bifaces as saws
- 10:15 Sophia Asbury—Testing the Limits of Rim Sherd Measurement
- 10:30 William Andrefsky Jr. —Discussant

**[258] GENERAL SESSION ■ POWER, CONFLICT, AND RITUAL IN EURASIA**

**Room:** 304 (CC)

**Time:** 8:00 AM–10:45 AM

**Chair:** Joanne Murphy

**Participants:**

- 8:00 Mark Mehrer—Mississippian and Chinese Neolithic Fortified Villages
- 8:15 Elizabeth Childs-Johnson—Erligang bronze vessels and early Shang hegemony
- 8:30 Andrea Creel—The Sense of Ritual in Votive Deposition at Kuntillet 'Ajrūd and the Southern Levant
- 8:45 Jay Silverstein, Robert Littman, Joshua Trampier, Nicholas Hudson and Daniel Jones—Kilns, Harbors, and Temples: Excavations of the Ptolemaic Occupation on the Northern Edge of Tell Timai, Egypt

- 9:00 Adam Schneider—Divine Kingship, Crisis, and the Locus of Political Agency in Ancient Mesopotamia  
9:15 Paul Zimansky—Cultural Assimilation and Imperial Control in an Urartian City  
9:30 Amy Karoll—Reconsidering the End of the Early Bronze Age in Western Syria  
9:45 John Scott—From Trajan to T. E. Lawrence: 2000 Years of Conflict Stratigraphy in Wadi Yutm, Southern Jordan  
10:00 Joanne Murphy—Repeat, repeat, repeat? Rituals in the tombs around the Mycenaean palace at Pylos, Greece.  
10:15 Andre Gonciar—Practices of change, change of practices: the Middle Bronze Age to Late Bronze Age transition in Transylvania (Romania)  
10:30 Robert Simpkins—Affiliation and rivalry in the architecture of India's Golconda kingdom

**[259] GENERAL SESSION ■ SITE PRESERVATION: LEGAL, ETHICAL, AND METHODOLOGICAL ISSUES**

**Room:** 319 (CC)

**Time:** 8:00 AM–10:15 AM

**Chair:** Marni Walter

**Participants:**

- 8:00 Marni Walter—In the Eye of the Beholder?: A Framework for Authenticity  
8:15 Ben Thomas and Meredith Anderson—Sustainable Site Preservation: Beyond Bricks and Mortar  
8:30 Marianne Ballantyne and Kevin Magee—Archaeological Enclaves: The Effects of 22 Years of Differential Land Management Policy on the Archaeological Record  
8:45 Helen Fairley, Brian Collins and Amy Draut—Use of terrestrial lidar to monitor archaeological site condition in Grand Canyon, Arizona  
9:00 Jeanette McKenna—A Re-Evaluation of Milling Sites in Southern California  
9:15 Ken Wilson—Hay Ranch Water Extraction Delivery System  
9:30 Scott Green—Preserving the Past for the Future: Eight New Cultural Preserves in California State Parks  
9:45 Meghan Pace—Necessity Dictates Action: A Brief Introduction to Chinese Salvage Archaeology From an American Perspective  
10:00 Sue Smalldon, Tootsie Daniel and Robyne Churnside—Dummies Guide to Getting the Public Involved in Conservation of the Archaeological Record: an example of Traditional Owners; Archaeologists; Politicians and the Public working together for the Conservation of Burrup Peninsula (Murujuga) Rock Art in Western Australia

**[260] GENERAL SESSION ■ SYMBOLISM, ART, AND IDENTITY**

**Room:** 305 (CC)

**Time:** 8:00 AM–10:30 AM

**Chair:** Bretton Giles

**Participants:**

- 8:00 Gala Argent—Tattoos, Transcendence and Time: Humans, Horses and Cosmology in the Pazyryk World  
8:15 Lolita Nikolova—Gender and Jewelry in Prehistory (Balkan Case Study)  
8:30 Pedro Maria Arguello Garcia—Rock art and domestic ritual. A locational analysis of El Colegio petroglyphs, center of Colombia.  
8:45 Gabriela Cervantes, Izumi Shimada and Haagen Klaus—Multiethnicity in Sicán World: Figurines and other lines of evidence

- 9:00 John Foster, K. Harley McDonald, Charles Beeker and Geoffrey Conrad—Let There Be Light in the Dark Zone: Insights into Taíno Cave Paintings in the Eastern Dominican Republic
- 9:15 Wendy Whitby—Cache Caves: A New Perspective on the Interior Landscape of South-central California
- 9:30 Marit Munson—The Problem With Pictures: Identifying Images in Southwestern Archaeology
- 9:45 Katherine Brooks—Investigating the Pre-Columbian Origins of Yaqui Ceremonial Masks
- 10:00 Bretton Giles—Extraordinary Beasts and Birds: A Comparison of Particular Ohio and Illinois Hopewell Symbols
- 10:15 Sandra Starr—Tracking the Birdman from the Ancient Andes to Mississippian North America: A Study of Art Historic Evidence

**[261] SYMPOSIUM ■ HUMAN SOCIAL DYNAMICS IN EAST POLYNESIA: INSIGHTS FROM ARCHAEOLOGY, DEMOGRAPHY AND ECOLOGY IN LEEWARD KOHALA, HAWAII**

**Room:** 104/105 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer and Chair:** Julie Field

**Participants:**

- 8:00 Patrick Kirch—Household archaeology and the rise of archaic states in Hawai'i
- 8:15 Thegn Ladefoged, Julie Field, Patrick Kirch, Michael Graves and Andrew Flaws—The distribution of residential features and changing land use in the leeward Kohala field system, Hawai'i
- 8:30 Jennifer Kahn—Elite Access to Resources and Labor: Late Prehistoric Residential Complexes in Coastal Kohala, Hawai'i
- 8:45 Peter Vitousek, Oliver A. Chadwick, Thegn Ladefoged and Aurora Kagawa—Agriculture and Biogeochemistry in Pre-contact Hawai'i: Opportunities and Constraints
- 9:00 Cedric Puleston and Shripad Tuljapurkar—Love, death and the sweet potato: Interactions between demography, food production and social dynamics in early Hawai'i
- 9:15 Michael Graves and Mark McCoy—The Timing of Agricultural Development in Leeward and Windward North Kohala, Hawaii Island.
- 9:30 Mark McCoy, Peter Mills, Jennifer Kahn and Rowan Gard—Territoriality and Interaction Spheres in Ancient Hawai'i: Results of new research on the exploitation of volcanic glass
- 9:45 Anna Browne Ribeiro, Mark McCoy, Michael Graves, Oliver A. Chadwick and Peter Vitousek—The Sustainability of Irrigated Taro Farming in Hawai'i: Sedimentology and soil nutrients analysis of a deeply-stratified pondfield
- 10:00 Peter Mills, Patrick Kirch, Jennifer Kahn, John Sinton and Julie Field—Sourcing of archaeological basalts and volcanic glass from leeward Kohala, Hawai'i Island.
- 10:15 Julie Field—Subsistence Economy and Settlement ca. AD 1500 in Leeward Kohala
- 10:30 Melinda Allen—Discussant
- 10:45 Tom Dye—Discussant

**[262] SYMPOSIUM ■ NEW LOOKS AT OLD SITES: THE RESULTS OF RECENT RESEARCH AT PALEOINDIAN SITES IN THE GREAT BASIN**

**Room:** 308 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizer and Chair:** Geoffrey Smith

**Participants:**

- 8:00 Mark Estes, Ed Stoner and Geoffrey Cunnar—Preliminary Use-Wear Results from a Concentration of Western Stemmed Points in the Fire Creek Archaeological District, Central Great Basin
- 8:15 Ed Stoner and Geoffrey Cunnar—Fire Creek: A New Look at Old Dirt on Alluvial Fans in the Central Great Basin
- 8:30 Khori Newlander—Reconsidering the Lithic Landscape of East-Central Nevada during the Terminal Pleistocene/Early Holocene
- 8:45 George Jones and Charlotte Beck—A Paleoarchaic Surface Record from Coal Valley, Nevada
- 9:00 Lindsay Fenner—Pluvial Lakes and Great Basin Environments: Recent Investigations of the Earliest Inhabitants of Mud Lake, Nye County, Nevada
- 9:15 Daron Duke, Jay King and Craig Young—A Chronological GIS Model for Paleoindian Land Use in the Great Basin
- 9:30 Mark Basgall—Explaining Variation In Paleoindian Assemblages of China Lake And The Greater Mojave Desert
- 9:45 Joshua Keene and Clayton Marler—XRF Analysis of Stemmed Points from the Idaho National Laboratory, Northeastern Snake River Plain
- 10:00 Paul Santarone, E.S. Lohse and Coral Moser—The Role of Non-Bifacial Tools and Marginal Tool-Stone in Paleoindian Retooling: Insights from the Buried Beach Site
- 10:15 Bonnie Pitblado, Molly Boeka Cannon and Benjamin Fowler—Predictive Modeling of the Paleoindian Record in Southeastern Idaho and Northern Utah
- 10:30 Geoffrey Smith and Jennifer Kielhofer—Late For Dinner: A First Look at the Stemmed Points and Bifaces from Last Supper Cave
- 10:45 Dennis Jenkins, Loren Davis, Thomas Stafford and Eske Willerslev—Dating, context, and stratigraphic associations of late Pleistocene cultural deposits in the Paisley Caves of South-Central Oregon
- 11:00 Robert Kelly—Discussant

**[263] SYMPOSIUM ■ PLACES THROUGH TIME: SITE-SPECIFIC HISTORICAL ECOLOGY ON THE PACIFIC COAST OF NORTH AMERICA**

**Room:** 204 (CC)

**Time:** 8:00 AM–11:15 AM

**Organizer:** Amira Ainis

**Chairs:** Amira Ainis and Renè Vellanoweth

**Participants:**

- 8:00 Shelby Anderson, Adam Freeburg and James Jordan—Understanding 5,000 years of Human-Environmental Dynamics at Cape Krusenstern, Alaska
- 8:15 Madonna Moss—4000 Years of Tlingit Salmon Use at Coffman Cove, Alaska, and the Question of Resource Depression
- 8:30 Megan Caldwell, Dana Lepofsky and Michelle Washington—A Regional Understanding of Northern Coast Salish Intertidal Management
- 8:45 Adrian Whitaker—Short-term Ecological Consequences of Initial Human Occupation of the Punta Gorda Rockshelter
- 9:00 Brian Byrd and Adrian Whitaker—Was Abalone a Low-Ranked Resource along the Central California Coast?

- 9:15 Terry Joslin—Historical Ecology and Human Adaptations to Coastal Ecosystems along the Southern San Simeon Reef Region, California
- 9:30 Amira Ainis and Renè Vellanoweth—Historical Ecology of Bay Point, San Miguel Island: 6,000 Years of Intertidal Shellfish and Human Dynamics
- 9:45 Kristina Bond, Todd Braje, Torben Rick, Jon Erlandson and Gaia Dragosani—Anthropogenic Forcing on the Structure of Intertidal and Near Shore Ecosystems: Evidence from Otter Point, San Miguel Island
- 10:00 Lauren Willis and Jon Erlandson—The Nutritional Composition of Edible Native Plants on Santa Rosa Island, California
- 10:15 Carola Flores—Human Impact on Ancient Coastal Ecosystems around Santa Cruz Island, California: A Methodology to Combine Ecological, Archaeological, and Paleoclimatic records
- 10:30 Steven R. James—Late Holocene Human Impacts on Marine and Terrestrial Fauna in Southern Coastal California: Archaeological Examples from San Nicolas Island and the Palos Verdes Peninsula
- 10:45 Dan Grijalva and Steven R. James—Prehistoric Human Impacts on San Nicolas Island in the Southern California Channel Islands: Evidence for Overexploitation and Resource Depression of Shellfish At Site Ca-Sni-44
- 11:00 Gary Jones and Steven R. James—The Ninth Channel Island: Archaeological Investigations and Historical Ecology at Abalone Cove on the Palos Verdes Peninsula in Southern Coastal California

**[264] SYMPOSIUM ■ BEYOND POTTERY TYPES: RECONSIDERING CERAMIC DESIGN AND TECHNOLOGY IN THE AMERICAN SOUTHWEST**

**Room:** 313 (CC)

**Time:** 8:00 AM–11:00 AM

**Organizer:** Deborah Huntley

**Chair:** Suzanne Eckert

**Participants:**

- 8:00 Judith Habicht-Mauche—Dr. Strangesherd or: How I Learned to Stop Worrying and Love Tijeras White Ware
- 8:15 Scott Ortman—Pottery style and the Mesa Verde migration: new evidence from Tsama Pueblo, New Mexico.
- 8:30 David Snow and Kari Schleher—Read Their Lips: function and habitus in early Rio Grande glazeware bowl rims
- 8:45 Claire Barker and Patrick Lyons—Exploring the Meaning of the Late Prehispanic Yellow Ware Horizon
- 9:00 Suzanne Eckert—When is a polychrome? Slips, self-slips, and surfaces during the Pueblo IV period.
- 9:15 Dorothy Larson—Why Not Typology? A Case Study from the Albuquerque District of the Northern Rio Grande region.
- 9:30 Matthew Peebles—Ceramic Technological Variation and Social Change across the Pueblo III to Pueblo IV Transition
- 9:45 Deborah Huntley, Barbara Mills, Lara Muncaster and William Haas—The White-on-red Pottery Phenomenon in the American Southwest
- 10:00 Michael Searcy—Decorative Renaissance: Tracing Early Ceramic Designs into the Late Prehistoric Period in the U.S. Southwest/Northwest Mexico
- 10:15 Robert Heckman and Anna Neuzil—Trends, Styles, and Types: Prehistoric Ceramics In South East Arizona.
- 10:30 Ann Ramenofsky—Discussant
- 10:45 Vin Steponaitis—Discussant

**[265] SYMPOSIUM ■ SUBMERGED PREHISTORIC SITES ARCHAEOLOGY IN THE AMERICAS:  
METHOD, THEORY, AND RESULTS BY ACADEMIC AND CRM PROJECTS ALIKE**  
**Room:** 309/310 (CC)  
**Time:** 8:00 AM–11:15 AM  
**Organizers:** Michael Faught and Peter Leach  
**Chair:** Brian Marks

**Participants:**

- 8:00 Jessi Halligan—Site Formation Processes and Paleoindian Artifact Context in Submerged Sinkholes of Northern Florida
- 8:15 John O'Shea—Comparing Acoustic Search Techniques on the Alpena-Amberley Ridge of Central Lake Huron
- 8:30 William Chadwick and Peter Leach—Coring Methods to Locate Buried Archeological Sites and Assess Buried Landscapes during Intertidal Archeological Surveys
- 8:45 Ann Surprenant and Brian Robinson—Intertidal Archaeology and Good Preservation: Low Tech Methods at the Seabrook Marsh Site, New Hampshire
- 9:00 Heather McKillop, Harry Roberts, Karen McKee, Terance Winemiller and Michael Wiemann—Submerged Salt Works: Snorkeling, Coring, Imaging, Diving, Excavating the Coastal Maya Underwater
- 9:15 Richard Weinstein, Charles Pearson and Sherwood Gagliano—Establishing Criteria for the Identification of Submerged Prehistoric Sites on the Outer Continental Shelf, Gulf of Mexico
- 9:30 Michael Faught—Remote Sensing, Target Identification, and Testing For Submerged Prehistoric Sites For Dredging Projects in Florida: Theory, Methods, and Lessons
- 9:45 Peter Leach—Prospection for Submerged Prehistoric Sites In Marine Environments: A Case Study From The Damariscotta River Estuary, Maine
- 10:00 Brian Marks—Site Formation Processes of Ontolo, A Submerged Prehistoric Site in Apalachee Bay, Florida
- 10:15 James Adovasio and C. Andrew Hemmings—Inundated Landscapes and the Colonization of the Northeastern Gulf of Mexico
- 10:30 Amanda Evans, Patrick Hesp, Brooks Ellwood, Graziela da Silva and Sophie Warny—Potential Prehistoric Sites in the Gulf of Mexico
- 10:45 Peter Leach—Discussant
- 11:00 Michael Faught—Discussant

**[266] SYMPOSIUM ■ CURRENT APPROACHES IN MESOAMERICAN CAVE ARCHAEOLOGY**  
**Room:** 307 (CC)  
**Time:** 8:00 AM–11:30 AM  
**Organizer:** James Brady  
**Chair:** Jennifer Coats

**Participants:**

- 8:00 Barry Kidder—The Chthonic Canvas: Elite Maya Scribes, Portals of Power, and Artistic Production in the Late Classic Period
- 8:15 Rebecca Sload—The Case for Specialized Activity Areas in the Cave under the Pyramid of the Sun, Teotihuacan
- 8:30 Michael Smyth, David Ortigón Zapata, Nicholas Dunning and Eric Weaver—The Xcoch Grotto, Yucatan: Paleo-Climate Change and Maya Cultural Responses
- 8:45 Guillermo de Anda—Life And Death In The Archaeological Record Of Caves In Yucatan

- 9:00 James Brady—Preliminary Observations on the Investigation of Midnight Terror Cave, Belize
- 9:15 Allan Cobb and James Brady—The Implications of Ritual Pathways in Midnight Terror Cave Belize
- 9:30 Ann Scott—Some Preliminary Observations on the Midnight Terror Cave Ceramic Assemblage
- 9:45 Mario Giron—Ritualized Gladiatorial Contests in Classic Maya Ceramic Art
- 10:00 Melanie Saldana—Tools at Midnight Terror Cave: A Search for Function and Meaning
- 10:15 Hector Cordova—Jades and Items of Personal Adornment at Midnight Terror Cave: A Critical Assessment
- 10:30 Jennifer Coats—Caves and Burial: A Critical Examination of Maya Ideology Surrounding Cave Interment
- 10:45 Katina Krasnec and C. L. Kieffer—Determining Status in Looted and Sacrificial Contexts at Midnight Terror Cave
- 11:00 Shawn Morton and Dr. Christopher Andres—Tipan Chen Uitz: The Development of an Ancient Centre as Attested in Subterranean Site Contexts
- 11:15 Holley Moyes and Jaime J. Awe—The oldest ritual caves in the Maya Lowlands

**[267] SYMPOSIUM ■ MINING AND QUARRYING IN THE ANCIENT ANDES**

*(Sponsored by Prehistoric Quarry and Early Mines Interest Group, Center for the Investigation of Ancient Quarries)*

**Room:** 311/312 (CC)

**Time:** 8:00 AM–11:45 AM

**Organizer:** Nicholas Tripcevich

**Chair:** Kevin Vaughn

**Participants:**

- 8:00 William Brooks—Amalgamation and Small-Scale Gold Mining in the Ancient Andes
- 8:15 Gabriel Cantarutti—Inca Mining and Control in North-Central Chile: The Los infieles Mining Complex
- 8:30 Colin Cooke—Geoarchaeological and paleoenvironmental archives of ancient cinnabar mining in the Andes
- 8:45 Elizabeth Klarich and Andrew Roddick—Arcillas and alfareros: Clay and temper mining practices in the Lake Titicaca Basin
- 9:00 Justin Jennings—The Huarhua Rock Salt Mine: Possible Archaeological Implications of Modern Salt Extraction Practices
- 9:15 Dennis Ogburn and Nicholas Tripcevich—Variation in Inca Building Stone Quarry Operations in Ecuador and Peru
- 9:30 Kurt Rademaker, Bruce Kaiser, David Gibson and Michael D. Glascock—New Geochemical Data from the Alca Obsidian Source Region: Implications for Understanding Prehistoric Extraction and Distribution
- 9:45 Markus Reindel and Thomas Stoellner—Mining Archaeology in the Nasca and Palpa region, south coast of Peru
- 10:00 Carol Schultze—Silver Mines of the Northern Lake Titicaca Basin, Peru
- 10:15 Nicholas Tripcevich and Daniel Contreras—Quarrying and production at the Quispisisa Obsidian Source
- 10:30 Hendrik Van Gijseghem, Kevin Vaughn, Verity Whalen, Moises Linares Grados and Jorge Olano Canales—Mining of copper and copper-bearing minerals in ancient Peru: New evidence from the Upper Ica Valley
- 10:45 Kevin Vaughn, Hendrik Van Gijseghem, Jelmer Eerkens and Moises Linares

Grados—The Structure and Organization of Mining in Nasca from the Early Intermediate Period through the Middle Horizon: Recent Evidence from Mina Primavera

- 11:00 Patrick Williams, John Janusek and Carlos Lemuz—Building Taypikala: Changing Patterns of Stone Procurement and the Production of Tiwanaku Monumentality  
11:15 Richard Burger—Discussant  
11:30 Izumi Shimada—Discussant

**[268] FORUM ■ FORMING PARTNERSHIPS AND PREPARING NEW GENERATIONS OF ARCHAEOLOGISTS**

*(Sponsored by Public Education Committee)*

**Room:** 203 (CC)

**Time:** 8:45 AM–10:45 AM

**Organizers:** Alicia McGill and Marcia Bezerra

**Chair:** Alicia McGill

**Participants:**

Sarah Wille—Discussant  
Elaine Franklin—Discussant  
Shoshaunna Parks—Discussant  
Jeanne Moe—Discussant  
Michael Reed—Discussant  
Nancy Ely—Discussant  
Della Scott-Ireton—Discussant  
Jorge Najjar—Discussant  
Beverly Chiarulli—Discussant  
Alexandra Jones—Discussant  
K. Anne Pyburn—Discussant  
Carol Ellick—Discussant

**[269] SYMPOSIUM ■ ARCHAEOLOGICAL, ETHNOHISTORICAL AND ETHNOGRAPHIC RESEARCH IN CUSCO, PERU**

**Room:** 317/318 (CC)

**Time:** 10:15 AM–11:15 AM

**Chair:** Thomas Hardy

**Participants:**

- 10:30 Thomas Hardy—Transforming Natural Landscape into Sacred Place: The Huacas of Inca Cuzco  
10:45 Adrienne Bryan—Exploring the significance of the spaces in the Ceque System of the Inca  
11:00 Bill Sillar—Serving Suggestions: Characterising Pottery Use at an Inka Waqa



### 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

#### 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

#### 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 Reca Jones
- 1999 Gene L. Titmus
- 2000 Richard P. Mason
- 2001 John D. "Jack" Holland
- 2002 Richard A. Bice
- 2003 Dr. Guillermo Mata Amado
- 2004 Robert Patten
- 2005 Eugene C. Winter, Jr.
- 2006 Karl Herbert Mayer
- 2007 Jay C. Blaine
- 2009 Paul Tanner
- 2010 Larry Kinsella

**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

**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)

**DISTINGUISHED SERVICE AWARD**

*(Succeeded by the Lifetime Achievement Award in 2001)*

Presented annually to a member for specific accomplishments that are truly extraordinary, widely recognized as such, and of a positive and lasting quality. Recognition can be granted in a wide range of areas relating to archaeology. First awarded in 1975, SAA decided in 1980 to make the award on an annual basis.

- 1975 Carl Haley Chapman  
Charles Robert McGimsey III
- 1980 Gordon Randolph Willey
- 1981 Albert Clanton Spaulding
- 1982 Jesse David Jennings
- 1983 Hannah Marie Wormington
- 1984 James Bennett Griffin
- 1985 Emil Walter Haury

1986 Waldo R. Wedel  
 1987 William A. Ritchie  
 1988 Richard B. Woodbury  
       Nathalie F. S. Woodbury  
 1989 George Irving Quimby  
 1990 Fred Wendorf  
 1991 Douglas Schwartz  
 1992 John E. Yellen  
 1993 George J. Gumerman  
 1994 Hester A. Davis  
 1995 Stuart Struever  
 1996 Robert McCormick Adams  
 1997 Dena Dincauze  
 1998 Raymond H. Thompson  
 1999 James A. Brown  
 2000 William D. Lipe

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

Initiated in 1977 to specially recognize interdisciplinary excellence by a distinguished scientist, who need not be an archaeologist but whose research has contributed significantly to American archaeology. Each year the award is based on practice in one of five disciplines: earth sciences, physical sciences, general interdisciplinary studies, zoological sciences, and botanical sciences. The award, which consists of a citation and a medallion, was named in memory of Roald Fryxell, whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology.

1978 C. Vance Haynes  
 1979 Peter J. Mehringer  
 1980 James B. Griffin  
 1981 Karl W. Butzer  
 1982 David J. Baerreis  
 1983 John E. Guilday (*posthumous*)  
 1985 Roger T. Saucier  
 1986 Donald K. Grayson  
 1987 Richard I. Ford  
 1988 David M. Hopkins  
 1989 Joseph B. Lambert  
 1990 Patty Jo Watson  
 1991 Paul W. Parmalee  
 1992 Richard Yarnell  
 1993 Herbert E. Wright Jr.  
 1994 Garman Harbottle  
 1995 Robert J. Braidwood  
 1996 Elizabeth S. Wing  
 1997 Vorsila L. Bohrer  
 1998 John W. Weymouth  
 1999 Henry P. Schwarcz  
 2000 Richard S. MacNeish  
 2001 Melinda A. Zeder  
 2002 Deborah M. Pearsall  
 2003 George Rapp  
 2004 R.E. Taylor

2005 Bruce D. Smith  
 2006 Oscar Polaco Ramos  
 2007 Vaughn M. Bryant  
 2008 Paul Goldberg  
 2009 Michael D. Glascock  
 2010 Jane Buikstra

#### **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

#### **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

#### **DIENJE KENYON MEMORIAL FELLOWSHIP**

The Dienje Kenyon Fellowship is presented in support of research by women students in the early stages of their archaeological training. It is presented in honor of Dienje Kenyon and was awarded for the first time in 2000.

2000 Rhonda Bathurst  
 2001 Briana Pobiner  
 2002 Elizabeth Espy  
 2003 Elizabeth Arnold

2004 Jamie Clark  
 2005 Michelle LeFebvre  
 2006 Sarah Elizabeth Mistak  
 2007 Jennifer L. Henecke  
 2008 Sarah G. Bergh  
 2009 Kayla L. Pettit  
 2010 Ashley Sharpe

#### **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  
     Leslie Awong  
 2000 Leander Lucero  
     Amada Rockman  
     Lahela Perry  
 2001 Bonnie Lee Dziadasek  
     Desiree Martinez  
     Blair First Rider  
 2002 Deona Naboa  
     Natalie Ball  
     Tracy Pierre  
 2003 Michael Garcia  
     Gordon C. Moore  
     Carley Kaleo Veary  
     Scott T. Kikiloi  
 2005 Lizatine A. Tsosie  
     Laurie Shead  
     Denny Gayton  
 2006 Vera Asp  
     Ashley Layne Atkins  
     Joey Condit  
     Elizabeth Lein'Ala Kahave  
     Roberta Lynn Thomas  
 2007 Tracey Pierre

2008 Na'Lilma Ahuna  
     Tracey Pierre  
     Simon Solomon  
 2009 Shianne Sebastian  
     Ira K. Matt  
     Wesley D. Miles  
 2010 Wesley D. Miles  
     Simon Arthur Solomon  
     Elijah Sanderson

#### **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. Naleimale  
 2005 Larae Buckskin  
 2006 Malia Kapuanalani Evans-Mason  
 2007 Ora Marek  
 2008 Marie Sina Faatuala  
 2009 Travis Maki  
 2010 Paulette Faith Steeves

#### **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

#### **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

**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 Peebles

**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 ( <i>student</i> ) Virginia Butler & James Chatters ( <i>Professional</i> )
1994	Alanah J. Woody ( <i>Student</i> ) George R. Miller & James S. Oliver ( <i>Professional</i> ) Dennis E. Lewarch & Laura S. Phillips ( <i>organizers, outstanding Poster Symposium</i> )
1995	Tim Hunt, Mark Madsen, & Carl Lipo ( <i>Student</i> ) Brenda J. Baker & Maria A. Liston ( <i>Professional</i> )
1996	Clinton C. Hoffman ( <i>Student</i> ) Adam King ( <i>Student</i> ) Stephen H. Lekson ( <i>Professional</i> )
1997	Anastasia Steffen, Rita Moots Skinner, & Ann F. Ramenofsky ( <i>Student</i> ) Judith A. Habicht-Mauche, A Russell Flegel, Stephen Glenn, & Horner Milford ( <i>Professional</i> )
1998	Lisa Nagaoka ( <i>Student</i> ) Shannon P. McPherron & Harold L. Dibble ( <i>Professional</i> )
1999	Diana Greenlee, Robert C. Dunnell, Terry Hunt, and Michael Pfeffer ( <i>Student</i> ) Neal H. Lopinot & Jack H. Ray ( <i>Professional</i> )
2000	Diana M. Greenlee ( <i>Student</i> ) Fraser D. Neiman ( <i>Professional</i> )

2001	Jonathan Scholnick, Derek Wheeler, & Fraser Neiman ( <i>Student</i> ) Jeffrey Homburg, Eric Brevic, Jeffrey Altschul, Anthony Orme & Steven Shelly ( <i>Professional</i> )
2002	Laura Smith, James Jordan, David Johnson, Casey Haskell & Herbert Maschner ( <i>Student</i> ) Manuel R. Palacios-Fest & Jeffrey A. Homburg ( <i>Professional</i> )
2003	Stacey Chambliss ( <i>Student</i> ) Diana M. Greenlee ( <i>Professional</i> )
2004	Andrew Isaac, Mark Muldoon, Keri Brown & Terry Brown ( <i>Overall</i> ) Sara Bon-Harper, Jennifer Aultman, Nick Bon-Harper & Derek Wheeler ( <i>Professional</i> ) Stacy Lengyel ( <i>Student</i> )
2005	Ethan Cochrane, Julie Field & Diana Greenlee ( <i>Student</i> )
2005	James Feathers, Jack Johnson & Silvia Kembel ( <i>Professional</i> )
2006	Ruth Dickau ( <i>Student</i> )
2006	Robert Hard, Cynthis Muñoz & Anne Katzenberg ( <i>Professional</i> )
2007	Jeffrey Ferguson, Jelmer E. Eerkens & Michael Glascock ( <i>Professional</i> )
2007	Bridget Zavala & Jose Luis Punzo Diaz ( <i>Student</i> )
2008	Brandi Lee MacDonald, R.G.V. Hancock, Alison Pidruczny & Aubrey Cannon ( <i>Student</i> )
2009	Susan M. Mentzer ( <i>Student</i> )
2010	Metin I. Eren, Adam Durant & Christina Neudorf ( <i>Student</i> )

**PRESIDENTIAL RECOGNITION AWARD**

Instituted in 1990 to permit SAA to recognize individuals who have provided extraordinary services to the Society & the profession in the past year. Awardees are determined by the president of the society, in consultation with members of the Board.

1990	Jerome A. Miller Nathalie F. S. Woodbury
1991	Lynne Goldstein Rachael Hamilton Keith Kintigh Earl Lubensky Loretta Neumann Kathleen Reinburg David Hurst Thomas
1992	Mark Leone Jeremy A. Sabloff
1993	Jerald Milanich Daniel G. Roberts Bruce D. Smith

1994	Vincas P. Steponaitis	2000	Lynne Goldstein
	David S. Brose		James A. Goold
	Edward Friedman		Kurt E. Dongoske
	R. Bruce McMillan	2001	Mark Aldenderfer
	Teresita Majewski		Patricia Gilman
	William H. Marquardt		The Law Department of the
	Dan F. Morse		National Trust for Historic
	J. Daniel Rogers		Preservation
	Katharina J. Schreiber		Francis P. McManamon
	Dean Snow		Ian W. Brown
1995	Vincas P. Steponaitis	2002	Michael J. Fanelli
	Paul Takac		Donald Forsyth Craib
	Mark Aldenderfer		Johna Hutira
	Roger Anyon	2003	John Chamblee
	Robert Drennan		Fred Wendorf, Stuart
	Diane Gifford-Gonzalez		Struever, & Doug Schwartz
	Lynne Goldstein	2004	Garth Bawden
	Keith Kintigh		Julie Hollowell-Zimmer &
	Mark J. Lynott		Chip Colwell-
	Phyllis Messenger, KC		Chanthaphonh
1996	Smith, & Cathy MacDonald		Erin Kuns
	Paul Minnis		William Longacre
	Bruce E. Rippeteau	2005	MATRIX Project
	Alison Wylie	2006	SAA National Historic
	Melinda A. Zeder		Landmarks Committee
	Brian Fagan	2007	PEC Web Pages Working
	Paul Fish & Suzanne K.		Group
	Fish		John Kantner
	Jonathan Lizee	2008	Alex Barker
	Toni Moore		Nelly Robles Garcia
1997	Carol Shull		Daniel H. Sandweiss
	George Stuart	2009	Phillip L. Walker
	Mark Aldenderfer	2010	75th Anniversary Task
	David Anderson		Force:
	Roger Anyon & T. J.		Jeremy Sabloff
	Ferguson		James Snead
	Keith Kintigh		Wendy Ashmore
	Florence Lister		David Browman
	Donna Seifert		Don Fowler
	Joe Watkins		Lisa Lecount
1998	Stephen Dyson for		Linda Manzanilla
	<i>Archaeology Magazine</i>		Bruce Smith
	Ed Friedman		Fundraising Committee:
	Janet Levy		William Doelle
	William Lovis		Susan Bender
1999	Caryn Berg		Cathy Cameron
	Susan J. Bender		John E. Kelly
	Judith A. Bense		Paul Minnis
	Jon S. Czaplicki		Linda Pierce
	Gary Feinman		Bruce Rippeteau
	Linda Manzanilla		Martha Rolingson
	Tristine Lee Smart		Ken Sassaman
	George S. Smith		
	Joe Watkins		

**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 (*Wisconsin State Journal*)
- 1996 Matt Crenson (*Dallas Morning News*)
- 1997 (no award)
- 1998 Diedra Henderson (*Seattle Times*)
- 1999 William Mullen (*Chicago Tribune*)
- 2000 Frank Roylance (*Baltimore Sun*)
- 2001 Mike Toner (*The Atlanta Journal-Constitution*)
- 2002 Chip Minty (*The Daily Oklahoman*)
- 2004 Alexandra Witze (*Dallas Morning News*)
- 2005 Marion Lloyd (*Chronicle of Higher Education*)
- 2006 Andrew Petkofsky
- 2007 Richard L. Hill
- 2008 Tom Avril (*Philadelphia Enquirer*)
- 2009 Andrew Lawler (*Science Magazine*)
- 2010 Andrea Cooper (*free lance*)

**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

**ETHICS BOWL RECIPIENTS**

Initiated in 2004, the Ethics Bowl is a festive, debate-style competition for students to explore the ethics of archaeological practice. The Ethics Bowl trophy is awarded each year to the team of students that responds to hypothetical dilemmas with the clearest intelligibility, depth, focus, and judgment.

2004	Indiana University/University of Nevada – Reno
2005	University of Arizona
2006	San Diego State University
2007	Brown University
2008	University of California-Berkeley
2009	Texas A&M
2010	Brown University

**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
Cynthia Irwin-Williams	1977-1979
Fred Wendorf	1979-1981
Richard E. W. Adams	1981-1983
George C. Frison	1983-1985
Don Fowler	1985-1987
Dena Dincauze	1987-1989
Jeremy A. Sabloff	1989-1991
Prudence Rice	1991-1993
Bruce D. Smith	1993-1995
William D. Lipe	1995-1997
Vincas P. Steponaitis	1997-1999
Keith W. Kintigh	1999-2001
Robert L. Kelly	2001-2003
Lynne Sebastian	2003-2005
Kenneth M. Ames	2005-2007
Dean R. Snow	2007-2009
Margaret W. Conkey	2009-2011
W. Frederick Limp	2011-2013

**ANNUAL MEETING SITES**

1st	Andover, MA. December 1935
2nd	Washington, D.C. December 1936
3rd	Milwaukee, WI May 1938
4th	Ann Arbor, MI. May 1939
5th	Indianapolis, IN April 1940
6th	Minneapolis, MN May 1941
7th	Cincinnati, OH May 1942
8th	<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</i>



	<i>Meeting.)</i>	70th	Salt Lake City, UT Mar-Apr 2005
9th	Washington, D.C. May 1944	71st	San Juan, PR April 2006
10th	Washington, D.C. May 1945	72nd	Austin, TX April 2007
11th	Indianapolis, IN May 1946	73rd	Vancouver, BC March 2008
12th	Ann Arbor, MI May 1947	74th	Atlanta, GA April 2009
13th	Milwaukee, WI May 1948	75th	St. Louis, MO April 2010
14th	Bloomington, IN May 1949	76th	Sacramento, CA Mar-Apr 2011
15th	Norman, OK May 1950		
16th	Evanston, IL May 1951		
17th	Columbus, OH May 1952		
18th	Urbana, IL May 1953		
19th	Albany, NY May 1954		
20th	Bloomington, IN May 1955		
21st	Lincoln, NE May 1956		
22nd	Madison, WI May 1957		
23rd	Norman, OK May 1958		
24th	Salt Lake City, UT May 1959		
25th	New Haven, CT May 1960		
26th	Columbus, OH May 1961		
27th	Tucson, AZ May 1962		
28th	Boulder, CO May 1963		
29th	Chapel Hill, NC May 1964		
30th	Urbana, IL May 1965		
31st	Reno, NV May 1966		
32nd	Ann Arbor, MI May 1967		
33rd	Santa Fe, NM May 1968		
34th	Milwaukee, WI May 1969		
35th	Mexico City, Mexico May 1970		
36th	Norman, OK May 1971		
37th	Bal Harbour, FL May 1972		
38th	San Francisco, CA May 1973		
39th	Washington, D.C. May 1974		
40th	Dallas, TX May 1975		
41st	St. Louis, MO May 1976		
42nd	New Orleans, LA April 1977		
43rd	Tucson, AZ May 1978		
44th	Vancouver, Canada April 1979		
45th	Philadelphia, PA May 1980		
46th	San Diego, CA April-May 1981		
47th	Minneapolis, MN April 1982		
48th	Pittsburgh, PA April 1983		
49th	Portland, OR April 1984		
50th	Denver, CO May 1985		
51st	New Orleans, LA April 1986		
52nd	Toronto 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		

EXHIBIT MAP

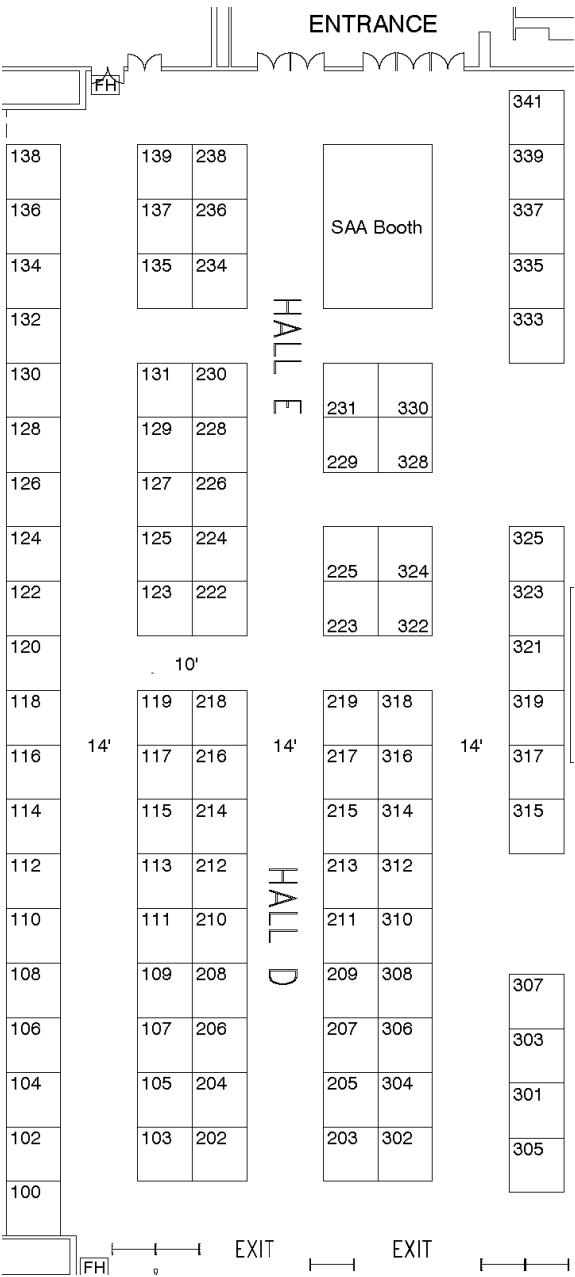
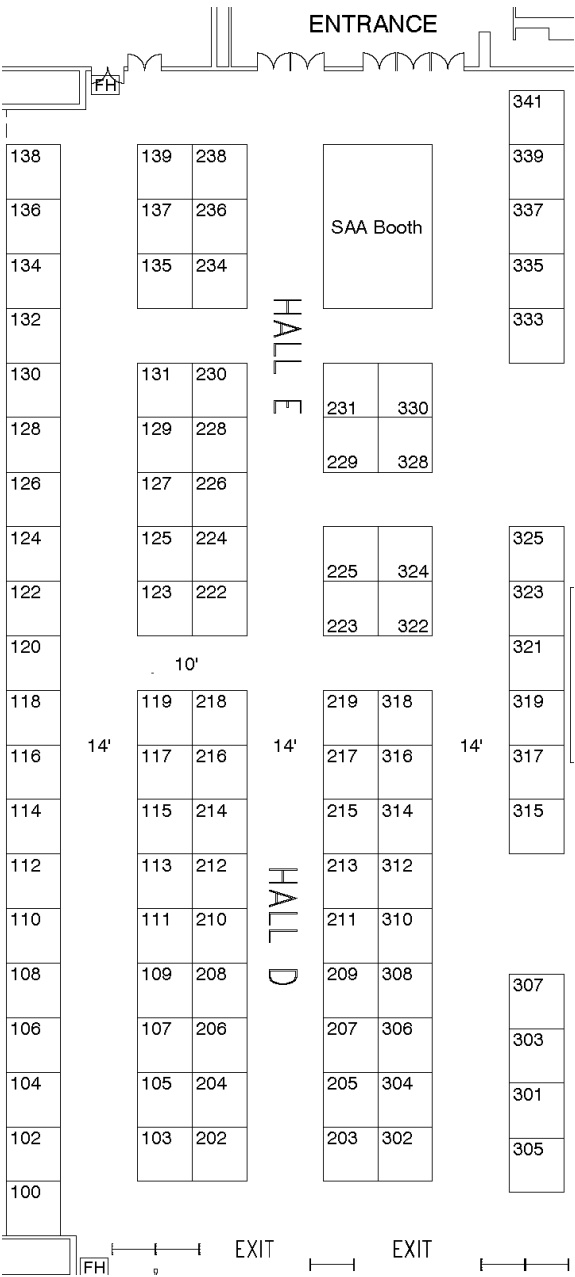


EXHIBIT MAP



## Exhibitor Directory

**Accurex Measurement, Inc.**  
**225 S. Chester Road**  
**Suite 1B**  
**Swarthmore PA 19081-1919**  
**#119**

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.

**AECOM**  
**1220 Avenida Acaso**  
**Camarillo CA 93012-8750**  
**#204**

Cultural Heritage Consulting Services - Cultural Resource Management, Ethnography / Social Science, Historic Sites, Prehistoric Sites, Aboriginal Rock Art and Traditional Sacred Sites, Archaeology, Traditional Cultural Properties, National Register of Historic Places Evaluations and Nominations, Historical Landscape Architecture, Preservation Planning, Public Interpretation, Archival Research, Pedestrian Survey, Testing and Evaluation, Data Recovery.

**AltaMira Press**  
**4501 Forbes Blvd.**  
**Suite 200**  
**Lanham MD 20706**  
**#314**

AltaMira Press exists to disseminate high quality information of value to those who research, study, practice and read in humanities and social sciences with particular focus on helping in the professional development of those who work in cultural life of community - the museum, historical society, arts center, and church.

**AMEC Earth & Environmental**  
**201 S. Capitol Ave.**  
**Ste. 200**  
**Indianapolis IN 46225-1057**  
**#113**

Catch up with the latest happenings @ AMEC Earth & Environmental!

**American Rock Art Research Association**  
**201 W. Soloman**  
**Midland TX 79705-3032**  
**#229**

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.

**Archaeologia Books**  
**707 Carlston Ave**  
**Oakland CA 94610-2424**  
**#111**

Rare & out-of-print books on the archaeology of North, Central & South America.

**Archaeological Institute of America**  
**656 Beacon Street**  
**Boston MA 02215-2072**  
**#213**

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.

**Archaeological Research Facility at  
Berkeley; Center for Digital  
Archaeology  
2251 College Building MC #1076  
Berkeley CA 94720  
#118**

On Sale will be publications of the Archaeological Research Facility and information about the educational services of the newly established Center for Digital Archaeology.

**Archaeology Division of the  
American Anthropological  
Association  
1811 Nordhoff  
Northridge CA 91330  
#105**

The AD-AAA aims to advance the study of archaeology as an aspect of anthropology, provide a forum for discussion of issues central to anthropological archaeology, and foster the communication of the results of archaeological research to anthropologists, other scholars, and the general public. Members of the AD-AAA receive American Anthropologist and Archaeological Papers of the American Anthropological Association as benefits of membership.

**Arqueología Mexicana  
Rodolfo Grono 86  
Col. Lomas De Sotelo  
Mexico DF 11200, Mexico  
#102**

Arqueología Mexicana is a Mexican publication edited by Editorial Raices S.A. and the Instituto Nacional de Antropología e Historia (INAH) Written by recognized archaeologists in the field, it has a large press run (36,000 issues bimonthly) and is accessible not only to academic circles, but also to a broader audience.

**Beta Analytic  
4985 SW 74th Court  
Miami FL 33155-4471  
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down to 2-3 working days (both AMS and radiometric). Two in-house AMS's with ample spare parts ensures dependable delivery. Providing AMS dates since 1984, radiometric analyses since 1979. ISO-17025 accredited.

**BigC: Dino-Lite Scopes  
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#203**

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**BLM - Project Archaeology  
29211 Hwy 184  
Dolores CO 81323-9308  
#109**

Find complete information about Project Archaeology, the Bureau of Land Management's (BLM) flagship heritage education program for teachers and students. Learn about Project Archaeology opportunities in your area. Additional information about BLM's National Landscape Conservation System (NLCS) is available.

**Bone Clones, Inc.  
21416 Chase St  
Unit #1  
Canoga Park CA 91304  
#318 & 316**

Bone Clones, Inc. manufactures high-quality osteological reproductions of skeletal elements that are "virtually indistinguishable from the original." (TM) Bone Clones produces extensive collections of modern humans, fossil hominids, forensic items, extinct and extant animals. Known for outstanding quality, Bone Clones are a viable alternative to natural bone.

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Kennewick WA 99336-7783  
#210**

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Tracer series is the de facto standard in handheld XRF analyzers used in authentication, conservation and restoration of art and other historic artifacts. This equipment is used in both field-portable and bench-top configurations to provide elemental identification and quantification.

**California State Parks Archaeology,  
History & Museums Division  
2505 Port St  
West Sacramento CA 95691  
#308**

Mission: To provide inspiration and leadership in acquiring, conserving and managing cultural resources that represent California's rich history and diverse population.

**Cambridge University Press  
32 Avenue of the Americas  
New York NY 10013-2473  
#217 & 219**

Cambridge's publishing in books and journals combines state-of-the-art content with the highest standards of scholarship, writing and production. Visit our stand to browse new titles, available at a 20% discount, and to pick up sample issues of our journals. Visit our website to see everything we do: [www.cambridge.org/us/](http://www.cambridge.org/us/).

**Cardiff School of History,  
Archaeology and Religion  
Colum Road  
Cardiff CF10 3EU  
United Kingdom  
#124**

The Archaeology and Conservation Department of Cardiff School of History, Archaeology and Religion offers an extensive, international program of courses in all areas of Archaeology and Conservation at the undergraduate and postgraduate level, providing students with the key skills and knowledge necessary for a career or further study in archaeology or for employment in a wide range of fields. From taught programs in Greek, Roman, Celtic, European Neolithic and Medieval Archaeology, to Collection Care and

Conservation Practice. The Department offers Research degrees in both Archaeology and Conservation. The Archaeology Department also hosts a Conservation Service where highly skilled practitioners can advise and sensitively conserve archaeological finds and items of historical importance.

**Center for Digital Antiquity  
SHESC - Arizona State University  
Tempe AZ 85287  
#126**

The Center for Digital Antiquity is a not-for-profit organization currently based at Arizona State University. We are devoted to providing wide access to archaeological digital data and documents and to ensuring the long-term availability and preservation of these data. We provide access to this information through the Digital Archaeological Record (tDAR) digital repository.

**Council of Affiliated Societies  
Society for American Archaeology  
900 Second Street, NE #12  
Washington DC 20002-3560  
#305**

Please stop by to see what's happening at your state's archaeological society! See newsletters, event flyers, membership information, publication lists, etc. of member societies. Member societies can bring their society's materials to be displayed/distributed at the booth, and can help "man" the booth too. Come see us!

**David Brown Book Company  
PO Box 511  
28 Main Street  
Oakville CT 06779-0511  
#225, 324, 223, & 322**

Please stop by the DBBC booth for the best deals on all books Archaeology and what we believe are the finest books at the most enticing prices sold by the most charming people you could hope to meet.

**Desert Archaeology, Inc.**  
**3975 N Tucson Blvd**  
**Tucson AZ 85716-1037**  
**#215**

Desert Archaeology, Inc. has a well-established research petrography program for the identification of geological materials in archaeological context. We provide descriptive and quantitative petrography, specializing in ceramic provenance. We accommodate your research needs, including both chemical and microscopic analysis. Research results are fully integrated with archaeological data and anthropological theory.

**DoD Legacy Resource Management Program**  
**1225 S. Clark Street, Suite 1500**  
**Arlington VA 22202-4386**  
**#312**

The Department of Defense (DoD) Legacy Resource Management Program provides financial assistance for efforts that preserve natural and cultural heritage on military lands. Legacy Program projects facilitate protection and enhancement of resources while supporting military readiness. Project focus areas include data management, creative mitigation, consultation, public awareness, context and model development, and adaptive re-use.

**ECORP Consulting, Inc.**  
**2525 Warren Drive**  
**Rocklin CA 95677**  
**#302**

ECORP Consulting, Inc. provides full CRM services for the archaeological and built environments, plus the use of laser technology for artifact/site replication and documentation. ECORP has five offices throughout California and also provides expertise in terrestrial and aquatic biology, wetland delineation, regulatory permitting, CEQA/NEPA documentation, restoration, monitoring, and water resources.

**EM-Assist**  
**90 S. 400 W. Suite 450**  
**Salt Lake City UT 84101-1378**  
**#212**

EM-Assist provides award winning and innovative heritage management services including virtual museums and tours, consultation and compliance services, computer-based training, archaeological and historic site and building evaluations, and data management tools. EM-Assist offers unique, economical, solution oriented services for cultural resources programs, museums, and organizations interested in heritage management.

**Florida Public Archaeology Network**  
**207 E Main Street**  
**Pensacola FL 32502-6034**  
**#139**

The Florida Public Archaeology Network is dedicated to the protection of cultural resources, both on land and underwater, and to involving the public in the study of their past. Regional centers around Florida serve as clearinghouses for information, institutions for learning and training, and headquarters for public participation in archaeology.

**Forensic Archaeology Recovery (FAR)**  
**235 River Farm Drive**  
**East Greenwich RI 02818-2127**  
**#110**

FAR uses archaeological methods to assist in the recovery of remains at mass casualty events to help families start the healing and closure process.

**Forestry Suppliers, Inc.**  
**205 West Rankin St.**  
**Jackson MS 39201-6199**  
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Full range of equipment for outdoor professionals. Flagging, flags, surveying instruments, shovels, picks, sieves, compasses, GPS, mapping aids, protective wear, and first aid all can be found in our free 700+ page catalog.

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**135 Spy Court**  
**Markham ON L3R 5H6, Canada**  
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GEM's magnetometers and gradiometers are used worldwide for environmentally-friendly archaeological investigations. Instruments reduce costs, identify invisible phenomena, deliver detailed data and help to maximize efficiency. Visit our booth and learn how to have the best from your archeological prospection.  
[www.gemsys.ca](http://www.gemsys.ca)

**Geo-Marine, Inc.**  
**2201 K Avenue, Suite A2**  
**Plano TX 75074-5977**  
**#222**

Geo-Marine, Inc., an environmental engineering firm, provides quality cultural resources services that have both scientific and visual impacts. Geo-Marine specializes in providing clients with innovative and cost effective solutions to meet historic preservation needs effectively.

**Geometrics**  
**2190 Fortune Dr.**  
**San Jose CA 95131-1815**  
**#130**

Geometrics, a member of the OYO Corporation, manufactures, sells, and services portable geophysical instruments for land, marine, and air investigations of the subsurface. Geometrics' product line includes proton precession and cesium magnetometers, high-resolution seismographs, and electrical conductivity imaging and resistivity systems. Geometrics' instruments are used around the world for natural resource exploration, geotechnical and environmental assessments, ordnance detection, locating archaeological and treasure sites, and teaching and research.

**Geophysical Survey Systems, Inc.**  
**12 Industrial Way**  
**Salem NH 03079**  
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## Index

- Aaberg, Steve [113]  
 Abbott, David [52], [187]  
 Abe, Hillary [196]  
 Aben, Kathrina [138]  
 Abraham, Sarah [208]  
 Abraham, Shinu [100]  
 Ackerly, Neal [199]  
 Adams, Andrea [161]  
 Adams, Christopher [138]  
 Adams, E. Charles [136]  
 Adams, Jacob [160]  
 Adams, Jeffrey [179]  
 Adams, Jenny [22], [59]  
 Adams, Karen R. [20], [188], [199], [244]  
 Adams, Richard [101]  
 Adams, Ron [160]  
 Adderley, Paul [249]  
 Adler, Daniel [114]  
 Adler, Michael [199]  
 Adolph, Arthur [176]  
 Adovasio, James [196], [265]  
 Adriano-Morán, Carmen Cristina [25]  
 Afonso, Marisa [253]  
 Agarwal, Sabrina [16]  
 Agha, Andrew [81]  
 Agostini, Mark [62]  
 Ahlman, Todd [121]  
 Ahlstrom, Richard V. N. [99]  
 Ahrens, Corrie [58]  
 Aikens, Melvin [94]  
 Aimers, Jim [190], [243]  
 Ainis, Amira [263]  
 Aiuvalasit, Michael [80]  
 Akins, Nancy [143], [237]  
 Akoshima, Kaoru [149]  
 Albarracin-Jordan, Juan [231]  
 Alconini, Sonia [106], [245]  
 Aldenderfer, Mark [23], [57]  
 Alegria, Crystal [113]  
 Alexander, Elise [131]  
 Alexander, Rani [200]  
 Alix, Claire [25], [159]  
 Allen, Casey [134]  
 Allen, Jennie [105]  
 Allen, Josh [175]  
 Allen, Kathleen [55], [164]  
 Allen, Mark [48]  
 Allen, Melinda [261]  
 Allen, Susan [169]  
 Almer, Jon [220]  
 Alonso, Alejandra [221]  
 Alonzi, Elise [35]  
 Alt, Susan [229]  
 Altschul, Jeffrey [118], [151]  
 Alvarado, Jennifer [111]  
 Alvarez, Damian [224]  
 Alvarez, María [177]  
 Amadio, Ayla [206]  
 Amador, Julio [60]  
 Ambro, Richard D. [230]  
 Ambrose, Stanley [12]  
 Ameri, Marta [47]  
 Ames, Ken [232]  
 Amore, Maria Grazia [27]  
 Anders, Jake [27]  
 Anderson, Cheryl [235]  
 Anderson, David [14], [84]  
 Anderson, David G. [216]  
 Anderson, Derek [155]  
 Anderson, Kirk [20], [99]  
 Anderson, Lars E. [17]  
 Anderson, Meredith [259]  
 Anderson, Patricia C. [59]  
 Anderson, Shelby [159], [263]  
 Andersson, Anna-Karin [195]  
 Andolina, Darren [57]  
 Andrade, Agustín [95]  
 Andre, Clarissa [109]  
 Andrefsky, Jr., William [22], [59], [78], [160], [257]  
 Andres, Christopher [9], [266]  
 Andrews, Anthony [221]  
 Andrews, Bradford [190]

- Andrews, E. Wyllys [225]  
Andrieu, Chloe [116]  
Andrushko, Valerie [233]  
Angelbeck, Bill [232]  
Angelo, Diana [87]  
Angeloff, Nick [239]  
Anovitz, Lawrence [97]  
Anschuetz, Kurt [53]  
Antônio Dantas DeBlasis, Paulo [253]  
Aoyama, Kazuo [93], [116], [225]  
Apple, Rebecca [50]  
Aprile, Jamie [4]  
Aquino, Valorie [34]  
Arakawa, Fumi [117]  
Araujo, Astolfo [6], [231]  
Archila Montañez, Sonia [25]  
Ardren, Traci [14], [221]  
Areshian, Gregory [114]  
Argent, Gala [260]  
Arguello Garcia, Pedro Maria [260]  
Ariel, Frank [59]  
Arksey, Marieka [124], [208]  
Arkush, Elizabeth [233]  
Arnett, Chris [96]  
Arnold, Dean [85], [142]  
Arnold, Jeanne [123]  
Arnold, Shannon [91]  
Arnold, William [27]  
Arpaia, Angela [62]  
Arrizabalaga, Alvaro [218]  
Arroyo, Barbara [182]  
Arsenault, Daniel [60]  
Artz, Joe [234]  
Asa, Cheryl [126]  
Asbury, Sophia [257]  
Ashkanani, Hasan [63]  
Ashley, Michael [3]  
Astuhuaman, Cesar [15]  
Atalay, Sonya [78], [197]  
Athens, J. Stephen [73]  
Atici, Levent [69], [216]  
Authier, Martin [106]  
Avery, George [64]  
Awe, Jaime J. [56], [90], [266]  
Baca Marroquin, Ancira Emily [228]  
Bachand, Bruce R. [51]  
Backes, Clarus [230]  
Backo, Heather [156]  
Badal, Ernestina [25]  
Badam, G. L. [12]  
Baichtal, James [181]  
Bailey, Amanda [233]  
Bailey, Dave [22], [107]  
Bailey, Douglass [122]  
Bailey, Ralph [81]  
Baillie, Harold [32]  
Bain, Allison [202]  
Bair, Daniel [225]  
Baitzel, Sarah [233]  
Balasalle, Aileen [208]  
Baldwin, Lisa [248]  
Bale, Martin [149]  
Balicki, Joseph [80]  
Ball, Joseph [14]  
Ballantyne, Marianne [259]  
Ballenger, Jesse [231]  
Balsom, Jan [20]  
Baltus, Melissa [24]  
Balzotti, Chris [225]  
Banffy, Eszter [110], [247]  
Bar-Yosef, Ofer [114], [203]  
Barba, Luis [92]  
Barber, Sarah [5], [38], [215]  
Barca, Donatella [92]  
Barca, Kathryn G. [55]  
Bárcena, J.Roberto [103]  
Barden, Allison [62]  
Bardolph, Dana [229]  
Barfod, Gry [194]  
Barge, Meghan [186]  
Barker, Alex [53]  
Barker, Andrew [19]  
Barker, Claire [264]  
Barkwill Love, Lori [187]  
Barnash, Alicia [139]  
Barnes, Amy [83]  
Barnes, Ethan [195]  
Barnett, Kay [201]  
Baron, Joanne [28]  
Barrera Rubio, Alfredo [221]  
Barrett, Jason [116]

- |   |  |                                 |
|---|--|---------------------------------|
| Barrientos, Gustavo [101]                 | Beeker, Charles [69], [260]                  | Bernatz, Michele [102]          |
| Bartelink, Eric J. [194], [255]           | Beekman, Christopher [98]                    | Bernbeck, Reinhard [122]        |
| Barton, C. Michael [36]                   | Beier, Zach [121]                            | Berry, Kimberly [238]           |
| Barton, Loukas [62]                       | Bejko, Lorenc [27]                           | Berryman, Judy [115]            |
| Barton, Michael [25]                      | Belardi, Juan [101]                          | Bertrando, Ethan [150]          |
| Bartoy, Kevin [3]                         | Belfer-Cohen, Anna [86], [114], [203], [218] | Bethard, Jonathan [156]         |
| Basgall, Mark [150], [239], [262]         | Belknap, Samuel [206]                        | Bettinger, Robert [43], [230]   |
| Bauer, Andrew [189]                       | Bell, Arran [77]                             | Beyin, Amanuel [171]            |
| Bauer-Clapp, Heidi [237]                  | Bell, Colleen [74]                           | Beyries, Sylvie [22], [59]      |
| Bauman, Timothy [82]                      | Bell, Ellen [31]                             | Bezerra, Marcia [268]           |
| Baxter, Carey [162]                       | Bellew, Serena [185]                         | Bézy, Philippe [102]            |
| Baxter, Jaimie [148]                      | Bellifemine, Viviana [71], [194]             | Bhiry, Najat [25], [159]        |
| Baxter, Jane [79]                         | Belmaker, Miriam [218]                       | Bianchini, Gina [253]           |
| Baxter, Paul [160]                        | Bement, Leland [155]                         | Bicho, Nuno [4]                 |
| Bay, George [221]                         | Bemmann, Jan [54]                            | Bickle, Penny [255]             |
| Bayala, Pablo [71]                        | Bencze, Jennifer [181]                       | Biehl, Peter [26]               |
| Bayham, Frank [77]                        | Benden, Danielle [229]                       | Bies, Michael [60]              |
| Beach, Timothy [148], [223], [238], [249] | Bendremer, Jeff [113]                        | Bigelow, Nancy [25], [159]      |
| Beardmore, Rebecca [54]                   | Benjamin, Jonathan [89]                      | Bigney, Scott [62]              |
| Beasley, Melanie [194], [255]             | Bennett, Rochelle [83]                       | Biittner, Katie [109]           |
| Beaubien, Harriet [193], [250]            | Bentley, Alex [255]                          | Bill, Cassandra R. [31]         |
| Beaudry, Marilyn [250]                    | Bentley, Sylvia [156]                        | Billard, Claire [98]            |
| Beaver, Joseph [180]                      | Berenguer, José [267]                        | Billo, Evelyn [60]              |
| Beck, Charlotte [94], [262]               | Berg, Caryn [215]                            | Billy, Nora [176]               |
| Beck, Margaret [187]                      | Bergin, Sean M. [36], [42]                   | Bilton, David [232]             |
| Beck, R. Kelly [126]                      | Bernal, Darío [92]                           | Bingham, Paul [43]              |
| Beck, Robin [86]                          | Bernal, Judy [5]                             | Binning, Jeanne [231]           |
| Becker, Rory [87]                         | Bernaldo de Quiros, Federico [218]           | Birch, Jennifer [55], [86]      |
| Becker, Sara K. [245]                     | Bernardini, Wesley [79], [134], [139]        | Bird, Douglas [11], [74], [192] |
| Beckwith, Sue [201]                       |  | Bird, Rebecca [192]             |

- Biro, Peter [221]  
Bishop, Ronald [187]  
Biskowski, Martin [200]  
Bissett, Thaddeus [129]  
Blackman, M. James [187], [200]  
Blackwell, Bonnie [2], [218]  
Blainey, Marc [41]  
Blair, Elliot [10]  
Blake, Emma [89]  
Blake, Karry [80]  
Blake, Mike [232]  
Blake, T. Michael [232]  
Blakeslee, Donald [7]  
Blet-Lemarquand, Maryse [100]  
Bliege Bird, Rebecca [74]  
Blinman, Eric [37]  
Bloch, Lindsay [207]  
Blong, John [181]  
Blustain, Jonah [208]  
Blustain, Malinda [196]  
Boada, Ana [68]  
Bocherens, Herve [205]  
Bocinsky, R. Kyle [46], [70]  
Boczkiewicz, Roberta [104]  
Boehm, Andrew [6]  
Boehm, Matthew [240]  
Boeka Cannon, Molly [57]  
Boggess, Douglas [193]  
Bohor, Bruce [142]  
Bolender, Douglas [42], [198]  
Boley, Michael [179]  
Bolfing, Christopher [166]  
Bomalaski, Anne [167]  
Bon-Harper, Sara [207]  
Bond, Kristina [263]  
Boney, Chris [12]  
Bonsall, Clive [255]  
Boomgarden, Joel [91]  
Boone, Cristie [222]  
Booth, Kimberlie [137]  
Borchardt, Nikki [18]  
Borck, Lewis [136]  
Borgstede, Gregory [67]  
Boroneant, Adina [255]  
Borrazzo, Karen [22]  
Borrero, Luis Alberto [231]  
Boszhardt, Robert [229]  
Boudreaux, Sarah [148]  
Boulanger, Matt [218]  
Boutin, Alexis [152], [217]  
Bovy, Kristine M. [210]  
Bowden, Mark [153]  
Bower, John [247]  
Boxt, Matthew [67]  
Boyd, Jon [137]  
Boz, Basak [152]  
Bozarth, Steven [75]  
Brackett, Claudia [158], [193]  
Bradbury, Andrew [22], [257]  
Bradley, James [196]  
Brady, James [266]  
Brady, Ryan [150]  
Braje, Todd [123], [263]  
Braly, Bobby [82], [121]  
Brandt, Steven [96]  
Brant, Erika [39]  
Brashler, Janet [115], [236]  
Braswell, Geoffrey [116], [224]  
Braun, David [97]  
Braun, Gregory [55]  
Braun, Matthew [162]  
Bray, Tamara [15], [24]  
Breister, Anne [207]  
Brennan, Ellen [20], [248]  
Brenner, Mark [119]  
Breslawski, Ryan [177]  
Bridges, Elizabeth [189]  
Bridges, Sarah [87]  
Brock, Terry [214]  
Brodbeck, Mark [168]  
Brody, Michael [113]  
Brokaw, Nick [148]  
Brooks, Katherine [260]  
Brooks, William [267]  
Brosseder, Ursula [54]  
Broughton, Jack [126]  
Brouwer, Marieka [108]  
Brown Vega, Margaret [229]  
Brown, Batsulwin [172]

Brown, Brooke M. [87]	Bullock Kreger, Meggan [72]	Cail, Hannah [70]
Brown, Claire [107]	Buonasera, Tammy [61]	Cajigas, Rachel [10]
Brown, David [15]	Burant, Eric [104]	Caldwell, Megan [232], [263]
Brown, Gary [117], [201]	Burchell, Meghan [205]	Call, Jeremy [50]
Brown, James [198]	Burgchardt, Lucy [193]	Callaghan, Michael [9]
Brown, Jim [172]	Burge, Tom [57]	Cambra, Rosemary [194]
Brown, Kelly [63]	Burger, Paul [105]	Cameron, Catherine [46], [99], [117]
Brown, Kristin M. [163]	Burger, Richard [267]	Camino, Byron [15]
Brown, Letricia [193]	Burgess, Robin [162]	Camp, Stacey [175]
Brown, Linda [250]	Burham, Melissa [225]	Campbell, Jennifer [146]
Brown, M. [51]	Burke, Ariane [205]	Campbell, Meadow [206]
Brown, Sean [132]	Burke, Chrissina [30]	Campbell, Sarah K. [210]
Browne Ribeiro, Anna [261]	Burkholder, Jo [33]	Camps, Marta [218]
Bruce, BranDee [83]	Burn, Michael [202]	Cannon, Amanda [151]
Bruchac, Margaret [1], [252]	Burnett, Katherine [195]	Cannon, Aubrey [205]
Brück, Joanna [226]	Burns, Inna [81]	Cannon, Kenneth [57]
Brueggeman, Alex [208]	Burström, Mats [254]	Cannon, Mike [126]
Brumfiel, Elizabeth [21], [198]	Burton, James H [116]	Cannon, Molly [262]
Brunnelle, Andrea [91]	Burton, Margie [22]	Canouts, Veletta [187]
Brunson, Tiffany [175]	Busby, Colin [230]	Cantarutti, Gabriel [267]
Brunswick, Robert [101]	Bush, Jason [58]	Canto Carrillo, Rodolfo [221]
Bryan, Adrienne [269]	Bustinza, Reynaldo [269]	Canuto, Marcello A. [31]
Bryant, Jr, Vaughn M. [35]	Butler, Don [159]	Cap, Bernadette [190]
Brzezinski, Jeffrey [5]	Butler, Sarah [158], [220]	Capawana, Jamie [175]
Buchanan, Briggs [22], [155]	Butler, Virginia [108], [126], [178], [210]	Capone, Patricia [184]
Buck, Paul [163]	Buttles, Palma [119], [191]	Capriata Estrada, Camila [174]
Buckland, Philip [153]	Buzon, Michele [152]	Capriles, José [129], [231]
Budhwa, Rick [160]	Byrd, Brian [263]	
Bueno, Lucas [213]	Byrd, Julie [30]	
Bulger, Teresa [195]	Byrne, Roger [222]	
	Byrnes, Allison [29]	
	Cahiza, Pablo [103]	

- Cardillo, Marcelo [22]  
 Cardinal, J. Scott [115]  
 Cardona, Augusto R. [129]  
 Carlson, Eric [176]  
 Carlson, Kristen [64]  
 Carlson, Risa [181]  
 Carmen, Varela-Torrecilla [85]  
 Carmody, Stephen [129]  
 Carpenter, John [120], [147]  
 Carpenter, Kim [256]  
 Carpenter, Tim [256]  
 Carr, Christopher [53], [119]  
 Carr, Philip [22], [257]  
 Carrasco, Michael [157]  
 Carrión, Yolanda [25]  
 Carroll, Ed [112]  
 Carroll, Rebecca [237]  
 Carter, Alison [100]  
 Carter, Brian [155]  
 Carter, Tristan [63], [97]  
 Casana, Jesse [10]  
 Cascella, Melissa [3]  
 Caseldine, Christopher [36]  
 Caspari, Rachel [17]  
 Cassedy, Daniel [105]  
 Cassidy, Jim [123]  
 Casson, Aksel [5]  
 Casson, Sarah [6]  
 Castañeda, Quetzil [197]  
 Castillo, Patricia [9]  
 Castillo, Victor [225]  
 Casto, Kara [163]  
 Castro, Alicia [59]  
 Catella, Luciana [101]  
 Cau Ontiveros, Miguel Ángel [92]  
 Cavelier, Inés [25]  
 Cazares, Irma [95]  
 Ceballos Gallareta, Teresa [14]  
 Cecil, Leslie [190]  
 Centra, Ali [219]  
 Cerezo-Roman, Jessica [147], [226]  
 Cervantes, Gabriela [260]  
 Cervený, Niccole [134]  
 Chacaltana, Sofia [227]  
 Chada, Bill [83]  
 Chadwick, Oliver A. [261]  
 Chadwick, William [265]  
 Chaisuwan, Boonyarit [100]  
 Chamberlin, Matthew [53], [136]  
 Chan, Keith [72]  
 Chang, Claudia [54]  
 Chang, Vanessa [96]  
 Chapman, Richard [37]  
 Charles, Douglas [43]  
 Charles, Mona [188]  
 Charlin, Judith [22]  
 Chase, Brad [189]  
 Chase, Arlen [6], [90], [116]  
 Chase, Diane Z. [6], [90], [116]  
 Chase, Zachary [24]  
 Chataigner, Christine [114]  
 Chatters, James [22], [29]  
 Chauhan, Parth R. [218]  
 Chavez, Sergio [233]  
 Cheetham, David [157]  
 Chen, Pochan [23]  
 Chenery, Simon [142]  
 Chenoweth, John [195]  
 Cheong, Kong [75]  
 Cherian, P. J. [100]  
 Cherry, John F. [163]  
 Chesley, John [135]  
 Chesson, Meredith [236]  
 Chiarulli, Beverly [138], [209], [268]  
 Chicoine, David [125], [174]  
 Chilcote, Celise [183]  
 Childs, Terry [118]  
 Childs-Johnson, Elizabeth [258]  
 Chilton, Elizabeth [254]  
 Chiou, Katherine [45], [250]  
 Chiou-Peng, Tzehuey [23]  
 Chisholm, Brian [46]  
 Chiu, Scarlett [228]  
 Chiykowski, Tanya [96]  
 Chovanec, Zuzana [19]  
 Christie, Heather [100]  
 Christie, Jessica [103]  
 Chuipka, Jason [117]



- Chung, Steven [59]  
 Churnside, Robyne [259]  
 Cinquino, Michael [60]  
 Ciolek-Torrello, Richard [151]  
 Clark, Dylan [221]  
 Clark, Geoffrey [108], [218]  
 Clark, Jamie [17], [91]  
 Clark, Jeffery [52], [201]  
 Clark, Joelle [139]  
 Clark, John [88], [157]  
 Clark, John E. [22]  
 Clark, Julia [54]  
 Clark, Terry [232]  
 Cleghorn, Naomi [108]  
 Cleland, Jamie [50]  
 Cleland, Robin [36]  
 Clewlow, C. William [230]  
 Clifford, Walter [148]  
 Clinton, Jennifer [135]  
 Coats, Jennifer [266]  
 Coats, Larry [91]  
 Cobb, Allan [266]  
 Cobb, Charles [198]  
 Cobos, Rach [221]  
 Cobos, Rafael [90]  
 Cochran, Jennifer [51]  
 Cochrane, Brett [12]  
 Coddling, Brian [11], [74], [192]  
 Coffey, Grant [117]  
 Coffey, Tonya [59]  
 Cogswell, Lucy [186]  
 Cohen, Anna [4], [58]  
 Colaninno-Meeks, Carol [132]  
 Cole, David [97]  
 Cole, Sally [188]  
 Coleman, Julie [188]  
 Coles, Melissa [107]  
 Collard, Mark [22], [155]  
 Collette, Jim [20]  
 Collins, Antoinette [154]  
 Collins, Brian [259]  
 Collins, Josh [222]  
 Collins, Laurel [222]  
 Collins, Lori D. [82], [157]  
 Collins, Ryan [28]  
 Coltrain, Joan [91]  
 Comer, Douglas [110]  
 Commendador, Amy [180]  
 Coningham, Robin [90]  
 Conkey, Margaret [84], [196], [218]  
 Connell, Samuel [15], [79], [190]  
 Connolly, Cara [61]  
 Connolly, Thomas [160]  
 Conrad, Geoffrey [69], [260]  
 Constantine, Angelo [103], [231]  
 Contreras, Daniel [63], [97], [267]  
 Conway, Meagan [107]  
 Cook, Della [226]  
 Cook, Gordon [255]  
 Cook, Greg [89]  
 Cook, Jackie [101]  
 Cook, Katherine [27]  
 Cook, Reese [135], [207]  
 Cooke, Colin [267]  
 Cooke, Richard [120], [193], [213], [228]  
 Cooney, Gabriel [226]  
 Cooper, Jason [29]  
 Cooper, Karen [76]  
 Cooper, Leslie [121]  
 Copeland, Steve [62]  
 Corbett, Debbie [168]  
 Cordell, Linda [18], [99], [196]  
 Cordero, Mariuxi [73]  
 Cordero, Robin [37]  
 Cordova, Hector [266]  
 Cordova, Isabel [186]  
 Cordy-Collins, Alana [125], [156]  
 Cornejo, Norfelinda  
 Cornejo [269]  
 Coronel, Eric [119]  
 Cortes Rincon, Marisol [148]  
 Cossich, Margarita [8]  
 Costamagno, Sandrine [17]  
 Costello, Sarah [47]  
 Costin, Cathy [49], [198]  
 Cottica, Daniela [92]  
 Coupland, Gary [232]  
 Covey, R. Alan [227]  
 Cowan, Andy [4]  
 Cowart, Alicia [222]  
 Cox, Forrest [196]  
 Cox, Pamela [187]  
 Crabtree, Stefani [257]  
 Craib, Donald [184]

Craig, Douglas [52]	Cuthrell, Rob [222], [250]	Davis, Loren [262]
Craig, Oliver [42]	Cutler, Joanne [167]	Davis, Michael [67]
Crandall, John [237]	Cutright, Robyn [125]	Davis, Sara [160]
Crane, John [150]	Cyphers, Ann [182]	Davis-King, Shelly [230]
Crassard, Remy [74]	Czaplicki, Jon [118], [251]	Dawson, Peter [146], [159]
Crawford, Kristina [77]	d'Alpoim Guedes, Jade [111]	Day, Cynthia [5]
Crawford, Laura [25], [159]	D'Elia, Ashley [137]	Day, Zachary [5]
Creel, Andrea [258]	da Silva, Graziela [265]	De Alarcon, Tessa [220]
Creese, John [55]	Daehnke, Jon [197]	de Anda, Guillermo [266]
Creger, Cliff [163]	Dahlin, Bruce [225]	de Kerckhove, Diane [167]
Cremonte, Maria B. [27], [68]	Dahlstrom, Kristy [133], [208]	De la Rosa, Lucio [269]
Crider, Destiny [36]	Dale, Emily [208]	De Leon, Jason [124], [154]
Crisci, Gino [92]	Damp, Jonathan [103]	De Lucia, Kristin [198]
Croatt, Stephanie [208]	Damp, Nicholas [103]	Deal, Michael [10]
Crook, Robyn [35]	Daniel, Randolph [120]	Dean, Emily [29], [166]
Cross, Guy [176]	Daniel, Tootsie [259]	Dean, Jeffrey [99], [199]
Crothers, George [82]	Darling, J. Andrew [18], [139]	Dean, Rebecca [53], [180]
Crow, Consuelo [124]	Darnell, John [12]	Deely, A.E [218]
Crowley, Erin [104]	Darwent, Christyann [126], [159], [181]	deFrance, Susan [227]
Cruz, Carlos [147]	Darwent, John [159], [256]	DeFrancisco, Nicole [148]
Cucina, Andrea [56], [116]	Daughtrey, Cannon [80]	DeGayner, Jake [248]
Cullen Cobb, Kim [193]	Davenport, Bryce [51]	Degryse, Patrick [100]
Culleton, Brendan [88], [108]	Davenport, James [63], [142]	Deis, Richard [256]
Culley, Elisabeth [108]	Daverman, Blair M. [152]	DeJongh, Jennifer [137]
Culley, Theresa [119]	David, Robert [158]	Dekle, Victoria [82]
Culver, Emily [124]	Davies, Gavin [38]	Delaney-Rivera, Colleen [64]
Cummings, Linda Scott [66], [84]	Davila, Patricio [21]	DeMaio, Justin [163]
Cunnar, Geoffrey [61], [262]	Davis, Edward Byrd [108]	Demarest, Arthur [116], [191]
Curet, L. Antonio [204]		
Curry, Ben [30]		
Curtis, Jason H. [203]		

- Demoulin, Thibault [162]  
 Dempsey, Patrick [240]  
 Dennett, Carrie [183]  
 Dennis, Robyn [124]  
 DeOliveira, Lauren [105]  
 Derr, Kelly [192]  
 Des Lauriers, Matthew [11], [132]  
 Desentis, Cristina [224]  
 Deskaj, Sylvia [255]  
 Desrosiers, Pierre [159]  
 Devault, Alison [72]  
 DeWitte, Sharon [16]  
 Di Giuseppantonio  
 Di Franco, Paola [10]  
 Dias, Adriana [213]  
 Diaz, Alejandra [176]  
 Dibble, H.L. [2]  
 Dick, Lyle [146]  
 Dickson, Michael [237]  
 Diederichs, Shanna [201]  
 Diehl, Michael [139]  
 Dierker, Jennifer [20]  
 Dietler, Michael [24]  
 Diez, Argi [128]  
 DiGangi, Elizabeth A. [121]  
 Dillian, Carolyn [97]  
 Dinkelaker, Jacob [3]  
 Dixon, Christine [8], [250]  
 Dixon, E. James [89]  
 Dixon, Elizabeth [159]  
 Dixon, Helen [152]  
 Dobney, Keith [126]  
 Dodd, Lynn [158]  
 Dodd, Walter [10]  
 Dodge, Robyn [40]  
 Doelle, William [18], [52], [79]  
 Doering, Travis [82], [157]  
 Dogiama, Triantafyllia [205]  
 Doheny, Marcelle [196]  
 Dojack, Lisa [232]  
 Dolan, Patrick [232]  
 Dolan, Sean [62]  
 Dollar, Nathan [36]  
 Dolphin, Alexis [236]  
 Domenici, Davide [56]  
 Domínguez Carrasco, Maria del Rosario [67]  
 Domínguez, Salvador [92]  
 Dominguez, Silvia [116]  
 Dominique, Marguerie [25]  
 Donahue, Randolph [59]  
 Donaldson, Marcia [83]  
 Donaldson, Wayne [242]  
 Donis, Alicia [56]  
 Doran, Glen [76]  
 Dorn, Ronald [134]  
 Doucette, Dianna [6]  
 Dougherty, Jessica [150]  
 Douglas, Diane [151]  
 Douglass, John [151]  
 Douglass, Matthew [3], [22]  
 Dowd, Anne [224]  
 Downs, Robert T. [5]  
 Doyel, David [52]  
 Doyle, Shane [113]  
 Dragosani, Gaia [263]  
 Drake, Douglas [88]  
 Drake, Lee [255]  
 Draut, Amy [259]  
 Drew, Natalie [80]  
 Drigo, Marina [12]  
 Driver, Jonathan C. [126]  
 Drolet, Elizabeth [220]  
 Dudgeon, John [63], [180], [236]  
 Dueppen, Stephen [17]  
 Duff, Andrew [135]  
 Duffy, Paul [226]  
 Dugas, Lisa [209]  
 Dugmore, Jonathan [150]  
 Duke, Daron [262]  
 Duke, Guy [73]  
 Dulanto, Jalh [228]  
 Dulce Gaspar, Maria [253]  
 Dumas, Ashley [208]  
 Duncan, Neil [93], [129]  
 Duncan, William [56], [217]  
 Dunford, Ashley [104]  
 Dungan, Katherine [201]  
 Dunn, Stacy [103]  
 Dunning, Nicholas [119], [266]  
 Durand, Kathy [219]  
 Durant, Michelle A. [87]  
 Dussault, Frederic [159]  
 Dussubieux, Laure [100]

- Dutschke, Dwight [112], [166]  
Duwe, Sam [136]  
Dwyer, Rachel [169]  
Dye, Tom [153], [261]  
Dyke, Arthur [126], [159]  
Dyrdahl, Eric [73]  
Earn, David J.D. [72]  
Eastaugh, Edward [159]  
Easton, Norman [124]  
Ebert, Claire [145]  
Ebert, Virginia [49]  
Echeverria, Jose [15]  
Eckert, Suzanne [264]  
Eckhardt, William [224]  
Edwards, Matthew [229]  
Edwards, Richard [104]  
Eerkens, Jelmer [11], [181], [194], [267]  
Efferson, Charles [43]  
Egan-Bruhy, Kathryn [104]  
Egeland, Charles [114]  
Ehrich, Richard [23]  
Eidsness, Janet [239]  
Eiselt, B. Sunday [17], [18], [207]  
Ek, Jerald [51]  
Elder, J. Tait [3], [126]  
Ellick, Carol [268]  
Elliott, Michelle [25]  
Ellison, John [150]  
Ellison, Leigh Anne [31]  
Ellwood, Brooks [265]  
Elson, Mark [99]  
Elston, Robert [12], [230]  
Ely, Nancy [268]  
Emery, Kitty [206]  
Encinas, Joe [138]  
Endacott, Neal [178]  
Endo, Naoko [176]  
Eng, Jacqueline [236]  
Engelbrecht, William [55], [164]  
Englehardt, Joshua [157]  
Ensor, Bradley [51]  
Erb-Satullo, Nathaniel [5]  
Eremin, Katherine [5]  
Eren, Metin [7], [120]  
Eriksson, Erik [153]  
Erlandson, Jon [11], [123], [263]  
Ermigiotti, Paul [99]  
Ernenwein, Eileen [64]  
Eronat, Kristina [235]  
Eschbach, Krista [216]  
Estes, Mark [61], [262]  
Ethridge, Robbie [86]  
Etnier, Mike [210]  
Eubanks, Mary [196]  
Evans, Adrian [59]  
Evans, Amanda [265]  
Evans, Jennifer [219]  
Evans, Susan Toby [200]  
Evershed, Richard [126]  
Everson, Gloria [82]  
Evett, Rand [222]  
Ewing, Thomas [148]  
Fairley, Helen [20], [259]  
Fajardo Bernal, Sebastian [68]  
Fakra, Sirine [220]  
Fang, Hui [3]  
Farah, Kirby [148]  
Farahani, Alan [26], [45], [250]  
Fariss, Barker [229]  
Farnsworth, Paul [121], [229]  
Farquhar, Jennifer [150]  
Farquharson, Michael [167]  
Farrand, William [249]  
Farris, Glenn [194]  
Fast, Natalie [46]  
Faucher, Anne-Marie [25], [202]  
Faugere, Brigitte [98]  
Faught, Michael [265]  
Faulks, Nathan [59]  
Faulseit, Ronald [32]  
Fauvelle, Mikael [67], [186]  
Fayek, Mostafa [97], [136]  
Feathers, James [3], [5], [180]  
Fedje, Daryl [168]  
Feeley, Frank [202]  
Fehrenbach, Shawn [228]  
Feinman, Gary [142]

- Fennell, Christopher [118]  
 Fenner, Jack [219]  
 Fenner, Lindsay [262]  
 Ferguson, Jeffrey [97], [121], [207]  
 Ferguson, Josalyn [190]  
 Ferguson, TJ [1], [130], [197]  
 Ferring, Reid [114]  
 Ferris, Jennifer [160]  
 Ferris, Neal [55], [197]  
 Fertelmes, Craig [139], [193]  
 Fibiger, Linda [255]  
 Fiedel, Stuart [155]  
 Field Murray, Wendi [134]  
 Field, David [224]  
 Field, Judith [12], [45]  
 Field, Julie [261]  
 Fields, Misty [237]  
 Fields, Shawn [138]  
 Fierer-Donaldson, Molly [128]  
 Figol, Timothy [19]  
 Figueroa Flores, Alejandra [154]  
 Figueroa, Alejandro [31]  
 Figueroa, Antonia [165]  
 Figueroa, Valentina [224]  
 Filini, Agapi [98]  
 Findlay, Jeff [225]  
 Finley, Judson Byrd [57]  
 Finney, Bruce [180]  
 Fischer, Christian [220]  
 Fish, Paul [52], [199]  
 Fish, Suzanne [52], [199]  
 Fisher, Chelsea [34]  
 Fisher, Christopher T. [58]  
 Fisher, Jack [113]  
 Fisher, Jacob [255]  
 Fisher, Philip [257]  
 Fisher, Victor [154]  
 Fisman, David N. [72]  
 Fitzgerald, Richard [194]  
 Fitzhugh, Ben [53]  
 Fitzpatrick, Scott M. [115], [163]  
 Fitzsimons, Rodney [167]  
 Flad, Rowan [23]  
 Fladd, Samantha [136]  
 Flanagan, Kelli [178]  
 Flaws, Andrew [261]  
 Flensburg, Gustavo [71]  
 Fletcher, Roland [90]  
 Flexner, James [153]  
 Flores, Carola [263]  
 Florey, Lynda [67]  
 Fogelin, Lars [189]  
 Foias, Antonia [85]  
 Foin, Jeremy [159]  
 Folan, William [67]  
 Foley Winkler, Kathleen [141]  
 Font, Christine [82]  
 Fontes, Lisa [2]  
 Ford, Anabel [85], [153], [238]  
 Ford, Ben [105], [127]  
 Ford, Richard [53]  
 Forest, Marion [58]  
 Forman, Steven [139]  
 Formosa, Sue [232]  
 Forrest, Crystal [55]  
 Forsman, Leonard A. [178]  
 Forte, Maurizio [110], [146]  
 Fortin, Louis [257]  
 Foster, John [69], [260]  
 Foster, Joshua [244]  
 Foster, Thomas [240]  
 Fournier, Patricia [21], [200]  
 Fowler, Adriane [50]  
 Fowler, Benjamin [262]  
 Fowler, Catherine [18]  
 Fowler, William [200]  
 Fowles, Severin [53], [211]  
 Frachetti, Michael [54]  
 Franco, Teresa [233]  
 Frank, Barbara [166]  
 Franklin, Elaine [268]  
 Franklin, Kathryn [140]  
 Franklin, Reno [1]  
 Franz, Ingmar [26]  
 Frederick, Gay [232]  
 Freeburg, Adam [159], [263]  
 Freeman, Jacob [36], [199]  
 Freidel, David [157], [191], [221]  
 Freiwald, Carolyn [56]  
 French, Kirk [154]  
 Freund, Kyle [63]  
 Friberg, Christina [193]  
 Fridberg, Diana [157]

- |                                |                                  |                                      |
|--------------------------------|----------------------------------|--------------------------------------|
| Friedman, Liz [220]            | Gamble, Lynn [48]                | Gebauer, Rachel [87]                 |
| Fries, Eric [15], [123]        | Gamboa Velasquez, Jorge [125]    | Gebhard, Rupert [162]                |
| Friesen, Max [159]             | Gamito, Zumilra [77]             | Gebhart, Dick [162]                  |
| Frink, Liam [241]              | Gann, Douglas [139]              | Geib, Phil [70], [94]                |
| Fritz, Crystal [13]            | Ganz, David [192]                | Geller, Pamela [16], [217]           |
| Froehle, Andrew [255]          | Gao, Xing [22], [218]            | Gelvin-Reymiller, Carol [179]        |
| Frohlich, Bruno [237]          | Garber, James [56]               | Gencay Ustun, Ozge [193]             |
| Fruhlinger, Jake [150]         | García Llorca, Jorge [103]       | Gendron, Daniel [159]                |
| Fryer, Brian J [49]            | García Lozano, Rubén [95]        | Gerard-Little, Perri [55]            |
| Fuld, Kristen [30]             | Garcia Valencia, Enrique [21]    | Germon Roche, Mauricio [221]         |
| Fuller, Dorian [45], [111]     | Garcia, Cristina [147]           | Geurds, Alex [183]                   |
| Funes, Jorge [142]             | García, Dante [95]               | Ghisleni, Lara [164]                 |
| Funk, Caroline [4]             | Gard, Rowan [261]                | Giardina, Miguel [12]                |
| Gabbard, Aubree [233]          | Gardner, Gavin [248]             | Gibb, Heather [180]                  |
| Gabler, Brandon [179]          | Gardner, Karen [194]             | Gibb, James [122]                    |
| Gabriel Popescu, Gabriel [108] | Garfinkel, Alan P. [231]         | Gibbs, Tim [163]                     |
| Gaff, Donald [115]             | Garraty, Christopher [80], [151] | Gibson, David [267]                  |
| Gagliano, Sherwood [265]       | Garrison, Thomas [148]           | Gibson, Heather [50]                 |
| Gaines, Edmund [181]           | Garvey, Jillian [12]             | Gifford, Chad [15]                   |
| Gaither, Catherine [156]       | Garvey, Raven [74]               | Gifford-Gonzalez, Diane [126], [222] |
| Gajewski, Konrad [72]          | Gasco, Janine [62], [200]        | Gil, Adolfo [12], [62]               |
| Galaty, Michael [27]           | Gaskell, Sandra [158]            | Gilbert, Rebecca [57]                |
| Galeazzi, Fabrizio [10]        | Gaspar, Maria Dulce [253]        | Gilead, Isaac [122]                  |
| Galentine, Jordan [209]        | Gasparian, Boris [114]           | Giles, Bretton [260]                 |
| Galicki, Stanley [27]          | Gassaway, Linn [57]              | Giligny, Francois [110]              |
| Galinier, Jacques [21]         | Gataveckas, Katrina [227]        | Gill, Amanda [65]                    |
| Gallaga, Emiliano [41]         | Gates St-Pierre, Christian [29]  | Gill, Kristina [123], [150]          |
| Gallagher, Daphne [17]         | Gatewood, Jeff [22]              | Gilleon, Kristi [196]                |
| Galle, Jillian [121]           | Gear, W. Michael [66], [84]      | Gillette, Donna [158]                |
| Gallou, Claire [196]           |                                  | Gillis, Nichole [210]                |
| Galop, Didier [192]            |                                  | Gilman, Pat [143]                    |
|                                |                                  | Gilmore, Grant [121]                 |

- Gilmour, Daniel [108]  
 Gilreath, Amy [158]  
 Gingerich, Joseph [155]  
 Girard, Jeff [64]  
 Giraudo, Rachel [153]  
 Giron, Mario [266]  
 Glaab, Rigden [168]  
 Gladwell, Randi [70]  
 Glascock, Michael D. [97], [228], [267], [142]  
 Glasgow, Hillary [236]  
 Glassow, Michael [123]  
 Glidden, Catherine [154]  
 Gloux, Sabrina [204]  
 Glover, Jeffrey [221]  
 Glowacki, Donna [46], [117]  
 Godos, Fernando [221]  
 Goebel, Ted [94], [155], [181]  
 Gold, Alan [158]  
 Gold, Debra [53]  
 Goldberg, Paul [176]  
 Goldstein, David [93], [148]  
 Goldstein, Lynne [184], [226]  
 Goldstein, Paul [233]  
 Goldstein, Steven [7]  
 Golitko, Mark [193]  
 Gomez Choque, D. Enmanuel [245]  
 Gomez, Josue [5]  
 Gómez-Valdés, Jorge [237]  
 Gonciar, Andre [204], [258]  
 Gonlin, Nan [8]  
 González Heredia, Raymundo [67]  
 González Lauck, Rebecca B. [67]  
 Gonzalez, Albert [135]  
 Gonzalez, Jason J. [9]  
 González, Mariela [71]  
 Gonzalez, Sara [1], [48]  
 Gonzalez-Licon, Ernesto [131]  
 Good, Irene [203]  
 Goodale, Nathan [22], [59], [107], [162]  
 Goodman-Elgar, Melissa [3], [223], [249]  
 Goodsell, Joanne [83]  
 Goodwin, Whitney [31]  
 Goodyear, Albert [120]  
 Gordon, Bryan [158]  
 Gordon, Ishan [138]  
 Gore, Angela [181]  
 Goring-Morris, Nigel [86]  
 Gorogianni, Evi [167]  
 Gould, Richard [76]  
 Graesch, Anthony [232]  
 Graf, Kelly [120], [181]  
 Graham, Carole [188]  
 Graham, Elizabeth [56]  
 Graham, Shawn [214]  
 Grant, David [194]  
 Grant, Marcus [241]  
 Grant, Sarah [63]  
 Gratuze, Bernard [100], [167]  
 Grave, Alfonso [158]  
 Graversen, Poul [96]  
 Graves, Michael [130], [261]  
 Graves, William [43]  
 Gray, Amie [150]  
 Grazioso, Liwy [119]  
 Green, Adam [47]  
 Green, Debra [23]  
 Green, Jenna [103]  
 Green, Margerie [83]  
 Green, Paul [118], [185]  
 Green, Rachelle [91]  
 Green, Scott [259]  
 Green, Ulrike [229]  
 Green, William [240]  
 Greene, Michelle [219]  
 Greenway, Greg [112]  
 Greer, John [60]  
 Greer, Mavis [60]  
 Gregg, Michael [19]  
 Gregoricka, Lesley [152]  
 Gregory, Cody [161]  
 Gregory, Danny [81]  
 Gregory, H. Pete [64]  
 Grenda, Donn [151]  
 Grier, Colin [178], [232]  
 Griffin, Mark [194]  
 Griffin, Dennis [154]  
 Griffin, Mark [194]  
 Griffin, Robert [119]  
 Griffith, Cameron [60]  
 Griffiths, Janet [151], [177]  
 Grijalva, Dan [263]

Grillo, Katherine [208]	Guzman, Benito [88]	Hanes, Erin [64]
Grillo, Michaela [106]	Haas, William [63], [155], [264]	Hanes, Phil [64]
Grimes, Vaughan [124]	Habicht-Mauche, Judith [264]	Hanratty, Colleen [191]
Grofe, Michael [145]	Hackel, Steven [151]	Hansell, Patricia [7]
Grossardt, Ted [64]	Hackenberger, Steven [178]	Hanson, Diane [168]
Grove, Matt [43]	Hackner, Stacy [129]	Hanson, Jeffery [80]
Grover, Margan [195]	Hadden, Carla [10]	Hanson, Thomas [106]
Grupe, Gisela [42]	Haeusler, Werner [162]	Harbach, Dennis [193]
Guderjan, Thomas [191], [238]	Hageman, Jon [148]	Hard, Robert [199], [244]
Gudiño, Alejandra [15]	Hager, Lori [16], [152]	Hardesty, Donald [18]
Guendon, Jean- Louis [224]	Haggis, Donald [86]	Hardy, Thomas [269]
Guengerich, Anna [227]	Hagler, Jeremiah [196]	Hare, Lizzy [212]
Guernsey, Julia [186]	Hahn, Randy [227]	Hargrave, Michael [64], [162], [193]
Guidara, Andrea [194]	Haines, Helen [40], [243]	Harkey, Anna [250]
Gullapalli, Praveena [189]	Hale, Micah [132], [168]	Harman, Jon [158]
Gunter, Madeleine [107]	Hall, John [80]	Harrington, Lucy [158]
Gursan-Salzmann, Ayse [167]	Hall, Lauren [31]	Harris, Kathryn [257]
Gusick, Amy [123]	Hall, Sharon [223]	Harrison, Ainslie [193]
Gustafson, Daniel [199]	Haller, Jonathan [137]	Harrison-Buck, Ellie [191]
Gustas, Robert [161]	Halligan, Jessi [265]	Harrod, Ryan [237]
Guthrie, Brady [150]	Hallmann, Nadine [205]	Harrold, Francis [218]
Gutierrez, Adam [77]	Halperin, Christina [93]	Harrower, Michael [13]
Gutierrez, Maria [177]	Hambrecht, George [202]	Hart, Isaac [91]
Gutiérrez, María [168]	Hamilton, Laurel [156]	Hart, John [19], [55]
Gutiérrez, María de la Luz [147]	Hamilton, Marcus [22], [155]	Hastorf, Christine [35], [227], [250]
Guttenberg, Richard [123]	Hamilton, Nathan [196]	Hattori, Eugene [18]
Guzman	Hammer, Emily [13]	Hauser, Mark [121]
Piedrasanta, Melvin Rodrigo [9]	Hammerstedt, Scott [6]	Hawks, John [17], [108]
	Händel, Marc [13]	Haws, Jonathan [4]
	Handler, Jerome [121]	Hayashida, Frances [93]
		Hayden, Brian [176]



- |  |                                     |   |
|--|-------------------------------------|---|
| Hayes, Daniel R.<br>[80]               | Herbst, George<br>[246]             | Hodgetts, Lisa [159]                    |
| Haynes, Gary [4],<br>[30], [60], [155] | Hermes, Bernard<br>[14]             | Hodgins, Gregory<br>[92]                |
| Hays-Gilpin, Kelley<br>[18]            | Hermes, Taylor<br>[169]             | Hoekman-sites,<br>Hanneke [19]          |
| Hayward, Michelle<br>[60]              | Herr, Sarah [139]                   | Hoffecker, John<br>[159]                |
| Hazell, Sarah [159]                    | Herrmann, Edward<br>[163]           | Hoffman, Laura<br>[186]                 |
| Headrick, Annabeth<br>[98]             | Herrmann, Nicholas<br>P. [216]      | Hofkamp, Anthony<br>[178]               |
| Healy, Paul [75]                       | Hescock, Sara [87]                  | Hofman, Courtney<br>[105]               |
| Heath, Barbara [121]                   | Hesp, Patrick [265]                 | Hogan, Richard<br>[158]                 |
| Hecht, Kyle [77]                       | Hewitt, Barbara [49]                | Högberg, Anders<br>[254]                |
| Heckman, Robert<br>[80], [81], [264]   | Heyman, Marjie<br>[163]             | Hoggarth, Julie [34]                    |
| Hector, Susan [230]                    | Hicks, Pat [83]                     | Højlund, Flemming<br>[13]               |
| Hedgepeth, Jessica<br>[5]              | Hicks, Tyler [176]                  | Holdaway, Simon<br>[3], [22]            |
| Hedges, Robert<br>[255]                | Hidjrati, Nazim [59],<br>[108]      | Holen, Kathleen [29]                    |
| Hedquist, Saul [136]                   | Hiebert, Fred [5],<br>[247]         | Holen, Steven [231]                     |
| Heffner, Sarah [195]                   | Higelin, Ricardo [95]               | Holk, Gregory [5]                       |
| Hegberg, Erin [211]                    | Higgins, Howard<br>[158]            | Hollenbach,<br>Kandace D. [129]         |
| Hegmon, Michelle<br>[53]               | Hildebrand,<br>Elisabeth [246]      | Holliday, Vance<br>[120], [155]         |
| Heidenreich,<br>Stephan [231]          | Hildebrandt, Tod<br>[177], [179]    | Hollimon, Sandra<br>[16]                |
| Heidner, William [83]                  | Hildebrandt, William<br>[11], [256] | Hollowell, Julie [78]                   |
| Heilen, Michael [80]                   | Hill, Brett [52]                    | Holm, Steven [208]                      |
| Hein, Anke [23]                        | Hill, Christopher<br>[218]          | Holmer, Nick [63]                       |
| Heindel, Theresa [8]                   | Hill, Matthew E.<br>[231]           | Holstad, Emily [46]                     |
| Heller, Eric [170]                     | Hill, Rebecca [85],<br>[204]        | Holt, Haley [38]                        |
| Helmke, Christophe<br>[56]             | Hills, Kendall [40]                 | Holtorf, Cornelius<br>[254]             |
| Hemmings, C.<br>Andrew [120], [265]    | Hilton, Michael [92]                | Homburg, Jeffrey<br>[151], [199], [223] |
| Henderson, Gwynn<br>[113]              | Hirshman, Amy [38]                  | Hood, Angela [8],<br>[119]              |
| Henley, Michelle [82]                  | Hirst, Kris [214]                   | Hopkins, Nicholas<br>[157]              |
| Henrickson, Celeste<br>[179]           | Hirth, Kenneth [116]                | Hoppa, Kristin [123]                    |
| Henry, Amanda<br>[111]                 | Hockett, Bryan [4]                  | Horlings, Rachel [89]                   |
| Hepp, Guy [157]                        | Hodges, Charles<br>[231]            | Horn, Sherman [14]                      |

- Horowitz, Rachel [22], [61]  
Horton, Elizabeth [204]  
Horton, Kristina [188]  
Hostenske, Mary [31]  
Hough, Ian [20], [248]  
Houk, Brett [191]  
Houle, Jean-Luc [54]  
Houston, Stephen [148]  
Howard, Jerry [52]  
Howe, Mark [158]  
Howell, Cameron [64]  
Howell, Todd [143]  
Howie, Linda [56], [85], [190]  
Hritz, Carrie [26]  
Hu, Di [49]  
Huamán, Luis [93]  
Huang, Jennifer [83]  
Hubbard, Duane [248]  
Hubbe, Mark [233]  
Huckaby, Laurie [192]  
Huckell, Bruce [94]  
Huckleberry, Gary [199]  
Hudgins, Carter [121]  
Hudson, Nicholas [258]  
Huerta, Edgar [96]  
Huffman, Thomas [253]  
Hufthammer, Anna Karin [236]  
Hughes, Richard [230]  
Hull, Kathleen [11], [151]  
Hull, Sharon [136]  
Hulse, Eva [181]  
Humphrey, Emma [69]  
Hunt, Leigh Ann [57]  
Hunt, Robert [199]  
Hunt, Terry [123], [153]  
Huntley, Deborah [201], [264]  
Hurley, Kevin [55]  
Hurley, Warren [83]  
Hurst, Winston [46], [117]  
Huster, Angela [58]  
Hutchings, Corey [124]  
Hutson, Jarod [60]  
Hutson, Scott [24], [38]  
Hyde, David [34]  
Hylkema, Mark [222]  
Iannone, Gyles [191], [238]  
Ibarra, Julio [95]  
Iizuka, Fumie [228]  
Ikehara, Hugo [93], [125]  
Ilirian, Gjipali [169]  
Inanez, Javier [208]  
Ingraham, Robert [206]  
Ingram, Scott [199]  
Inomata, Takeshi [182], [225]  
Iriarte, María-José [218]  
Iseminger, William [193]  
Isendahl, Christian [90]  
Ives, Jack [94]  
Ives, John [17]  
Iwanaga, Shozo [149]  
Izeki, Mutsumi [93]  
Jackson, Damon [81]  
Jackson, Donald [224]  
Jackson, Paul [195]  
Jacobson-Tepfer, Esther [12], [54]  
Jacomet, Stefanie [45]  
Jagani, Sheel [105], [152]  
Jaillet, Angela [65]  
Jaime-Riveron, Olaf [193]  
Jakeli, Nino [203]  
Jakimavicius, Ramunas [92]  
James, Steven R. [263]  
Jamison, Gregg [47]  
Janes, Stephen [136]  
Janetski, Joel [94], [188]  
Jansen, Doris [25]  
Jantz, Richard L. [77]  
Janusek, John [24], [267]  
Janz, Lisa [12]  
Janzen, Anneke [177]  
Jarrett, Rebecca [31]  
Jazwa, Christopher [123]  
Jelinek, Lauren [80]  
Jenkins, Austin [163]  
Jenkins, Dennis [262]  
Jenkins, Sarah [178]  
Jennings, Justin [267]  
Jennings, Thomas [120], [155]  
Jensen, Anne [159]  
Jerardino, Antonieta [253]

Jerrems, William [231]	Jones, Brian [2]	Kagawa, Aurora [261]
Jeske, Robert [141]	Jones, Catherine [142]	Kahn, Jennifer [261]
Jessome, Kenzie [96]	Jones, Daniel [258]	Kahotea, Des [197], [252]
Jiménez Betts, Peter [237]	Jones, Deanna [238]	Kaiser, Bruce [267]
Jimenez, Melania [193]	Jones, Emily [130], [177]	Kaiser, Jessica [152]
Jimenez-Rueda, Jairo Roberto [68]	Jones, Eric [55]	Kakaliouras, Ann [217]
Jochim, Michael [123]	Jones, Gary [263]	Kakos, Peter [158]
Johannesson, Erik [54]	Jones, George [22], [94], [262]	Kakoulli, Ioanna [220]
Johansen, Peter [189]	Jones, John G. [46], [88], [88], [119]	Kaldahl, Eric [139]
Johansen, Trine [180]	Jones, Kevin [91]	Kaldenberg, Russell [230]
Johnson, C. David [239]	Jones, Robert [52], [201]	Kalosky, Ethan [40]
Johnson, Danette [158]	Jones, Terry [11]	Kamiya, Masahiro [35], [162]
Johnson, Donald [159]	Jones, Timothy [197]	Kang, Bong Won [149]
Johnson, Eileen [66]	Jones, Trinkle [20]	Kangas, James [83]
Johnson, Erlend [31]	Jordan, Aaron [150]	Kannady, John [257]
Johnson, Jerald [77], [256]	Jordan, Alexis [42]	Kansa, Eric [144], [216]
Johnson, John [11], [151]	Jordan, James [263]	Kansa, Sarah [144], [216]
Johnson, Kent [233]	Jordan, Kurt [55]	Kantor, Loni [36]
Johnson, Laura [190]	Jordan, Stacey [50]	kanukova, Maria [108]
Johnson, Phillip [35], [255]	Jorgensen, Mia [243]	Kappelman, John [3]
Johnson, Sarah [232]	Jorgenson, Gina [194]	Kappers, Michiel [115], [163]
Johnson, Scott [221]	Joslin, Terry [263]	Karavanic, Ivor [218]
Johnson, William [181]	Jousse, Hélène [133]	Kardulias, Paul [6]
Johnstone, Dave [228]	Joyce, Arthur [5], [24], [182]	Karoll, Amy [258]
Jolie, Edward [78], [188]	Joyce, Rosemary [16], [122]	Kartal, Metin [63]
Jones, Alexandra [268]	Juarez, Santiago [212]	Kasper, Kimberly [3]
	Judd, Margaret [152]	Katterman, Grace [49]
	Juengst, Sara [233]	Katz, Sandra [55], [164]
	Julien, Catherine [15]	Kaufman, Brett [220]
	Julien, Marie-Anne [205]	Kaufman, David [170]
	Julio-Miranda, Patricia [67]	Kaufmann, Cristian [177]

- Keeler, Dustin [89]  
Keeley, Jon [192]  
Keene, Joshua [94], [262]  
Keller, Angela [9], [190]  
Keller, Donald [20], [163]  
Keller, Jessica [69]  
Kellett, Lucas [227]  
Kellner, Corina [233], [255]  
Kelly, Gwen [100]  
Kelly, John [193], [198]  
Kelly, Robert [17], [57], [262]  
Kelly, Sophia [187], [193]  
Kelly, Tim [158]  
Kemp, Brian M. [46], [70] [178], [194]  
Kempton, Karen [150]  
Kendall, Bryan [61]  
Kendall, Heather [160]  
Kendig, William [105], [123]  
Kennedy  
Richardson,  
Karimah O. [105], [123]  
Kennedy, John [179]  
Kennedy, Lisa [202]  
Kennedy, Sarah [6]  
Kennett, Douglas [5], [9], [34], [88], [108], [123], [145]  
Kent, Jonathan [156]  
Kepecs, Susan [200]  
Keremedjiev, Helen [113]  
Kerr, Matthew [19]  
Kersel, Morag [78], [236], [254]  
Khalidi, Lamya [133], [167]  
Kiahtipes, Chris [192]  
Kidder, Barry [266]  
Kidder, Tristram [133]  
Kieffer, C. L. [56], [266]  
Kielhofer, Jennifer [262]  
Kiernan, Kevin [82]  
Kilby, David [155]  
Killick, David [136]  
Killoran, Peter [33]  
Kim, Bumcheol [149]  
Kim, Minkoo [25]  
Kim, Nam [23]  
Kimball, Larry [59], [108]  
Kindon, Andrew [190]  
King, Adam [164]  
King, Bob [113]  
King, Eleanor [138]  
King, Jason [141]  
King, Jay [83], [262]  
King, Tom [172]  
Kingwell-Banham, Eleanor [111]  
Kinkella, Andrew [75]  
Kinnear-Ferris, Sharyl [46]  
Kintigh, Keith [99], [117], [144]  
Kipnis, Renato [17]  
Kirakosian, Katie [27]  
Kirch, Patrick [261]  
Kissel, Marc [108]  
Kitchel, Nathaniel [155]  
Kittel, Michelle [31]  
Klar, Kathryn [11]  
Klarich, Elizabeth [267]  
Klaus, Haagen [156], [217], [260]  
Klehm, Carla [140]  
Klein, Rebecca [150]  
Klein, Richard [12]  
Kleindienst, M.R. [218]  
Kling, Amber [73]  
Klingelhofer, Eric [121]  
Klokler, Daniela [253]  
Knell, Edward [231]  
Knierim, Rebekka [123]  
Knoerl, John [259]  
Knudson, Kelly [217]  
Knüsel, Christopher [237]  
Kobti, Ziad [257]  
Koenig, Orrin [101]  
Koetje, Todd [108]  
Koga, Yuko [224]  
Kohler, Jack [77]  
Kohler, Timothy [99], [118], [257]  
Kohln, Sophie [147]  
Kohn, Alison [24]  
Kohut, Lauren [227]  
Kolb, Michael [80], [86]  
Koons, Michele [163], [227]  
Koontz, Cassandra [233]  
Koontz, Rex [28]  
Kopperl, Robert [231]  
Kosiba, Steven [24]  
Koszkul, Wieslaw [14]  
Kovacevich, Brigitte [9]  
Kovacik, Peter [66]

- Kovalchik, Jacob [5]  
 Kowalewski, Stephen [86]  
 Kowsz, Erica [162]  
 Kranzler, Brian [20]  
 Krasinski, Kathryn [30]  
 Krasnec, Katina [266]  
 Krause, Samantha [238]  
 Krautkramer, Jesse [29]  
 Krawchuk, Meg [192]  
 Kremkau, Scott [80], [151]  
 Krigbaum, John [23], [206]  
 Kristan-Graham, Cynthia [98]  
 Kroskie, David [209]  
 Krus, Anthony [82], [115], [210]  
 Kruse-Peebles, Melissa [223]  
 Kruzick, Zena [170]  
 Kuckelman, Kristin [117], [237]  
 Kuhn, Steve [218]  
 Kuijt, Ian [107], [226]  
 Kuiken, Garrett [105]  
 Kunesh, James [181]  
 Kurin, Danielle [233], [245]  
 Kurnick, Sarah [9]  
 Kvavadze, Eliso [203]  
 Kvetina, Petr [110]  
 Kwak, Seungki [4]  
 La Favre, Karl [6]  
 LaBelle, Jason [192]  
 Lack, Andrew [187]  
 Lacombe, Sebastien [153], [218]  
 Ladefoged, Thegn [261]  
 Ladwig, Jammi [35]  
 Laffey, Ann [103]  
 Lakatos, Steve [37]  
 LaLande, Jeff [192]  
 Lam, WengCheong [228]  
 Lamberg-Karlovsky, C.C. [13], [114]  
 Lambert, Patricia [71], [184]  
 Lambert, Shawn [6]  
 Lamoureux St-Hilaire, Maxime [40]  
 Landa, Olga [95]  
 Landau, Kristin [128]  
 Lane, Brian [119]  
 Lange, Fred [183]  
 Langenwalter, Paul [70]  
 Langlie, BrieAnna [129]  
 Lankton, James [100]  
 Lapp, Jennifer [132]  
 Larson, Dorothy [264]  
 Larson, William [239]  
 Larsson, Asa [226]  
 Lash, Ryan [107]  
 Lastra, Yolanda [21]  
 Laurence, Andrew R. [35]  
 Laursen, Steffen [47]  
 Law de Lauriston, MacLaren [231]  
 Lawrence, Ken [10]  
 Lazcano Arce, Carlos [21]  
 Lazcano, Jesús [21]  
 Lazrus, Paula Kay [4], [78]  
 Leach, Melinda [179]  
 Leach, Peter [80], [105], [265]  
 Leap, Lisa [20]  
 Leary, Jim [42]  
 LeBlanc, Allison [202]  
 LeBlanc, Kathleen [5]  
 LeBlanc, Steven [203]  
 Leckman, Phillip [80]  
 LeDoux, Spencer [235]  
 Lee, Chris [153]  
 Lee, Christine [23]  
 Lee, Craig [57]  
 Lee, Gyoung-Ah [35]  
 Lee, Ji-Hyun Rachel [149]  
 Lee, Rachel [3]  
 Lee, Sung-joo [149]  
 Lee, Thomas A. [51]  
 Leech, Rhonda [176]  
 Lefebvre, Karine [58]  
 Leftwich, Brent [57]  
 Leger, Jessica [204]  
 Lehner, Joseph [167]  
 Lekson, Steve [94], [99], [117]  
 Legemann, Achim [67]  
 Lemke, Ashley [17]  
 LeMoine, Genevieve [159]  
 Lemus-Lauzon, Isabel [25]  
 Lemuz, Carlos [267]  
 Lentz, David [8], [119], [157]  
 Leonard, Daniel [238]  
 Leonardt, Sabrina [60]  
 Lepofsky, Dana [232], [263]

- Leppard, Thomas P. [163]  
Lerch, Mike [79]  
Lerner, Harry [22], [59]  
Letham, Bryn [232]  
Lettieri, Phil [107]  
Lev-Tov, Justin [151], [216]  
Leventhal, Alan [194]  
Levi, Laura J. [165]  
Levine, Abigail [125]  
Levine, Marc [162]  
Levy, Richard [146]  
Levy, Samuel [135]  
Lewarch, Dennis [32], [178]  
Lewis, Barnaby [52]  
Lewis, Cecil [206]  
Lewis, Krista [167]  
Lexvold, Angela [180]  
Li, Fei [23]  
Li, Min [3], [133]  
Liebmann, Matthew [200]  
Liendo, Rodrigo [182]  
Lightfoot, Kent [48], [222]  
Lillios, Katina [234]  
Lin, Albert [5]  
Lin, Kuei-chen [23]  
Lin, Sam [3]  
Linares Grados, Moises [267]  
Lincoln, Thomas [83]  
Lincoln-Babb, Lorrie [52], [204]  
Lind, Michael [95]  
Lindberg, Kelly [169]  
Lindeman, Michael [52], [139]  
Linderholm, Johan [153]  
Lindsay, Colleen [212]  
Lindsay, Ian [4]  
Lindstrom, Katie [189]  
Lipe, William [46], [94]  
Lipo, Carl [5], [153], [207]  
Lippert, Dorothy [78], [184]  
Lippi, Ronald [15]  
Littlefield, Nancy [161]  
Littleton, Judith [237]  
Littman, Robert [258]  
Liu, Chin-hsin [23]  
Livesay, Alison K. [143]  
Livingood, Patrick [53]  
Lloyd, Timothy [80]  
Locascio, William [93]  
Lockard Reed, Angela [154]  
Lockard, Gregory [174]  
Loebel, Thomas [120]  
Loendorf, Chris [52], [193]  
Loendorf, Larry [60]  
Loewen, Natalia [3]  
Lofaro, Ellen [233]  
Logan, Amanda [140]  
Logan, Melissa K [66], [98]  
Lohse, E.S. [59], [262]  
Lohse, K. [59]  
Lombardo, Umberto [124]  
Loney, Helen [228]  
Long, Michael [186]  
Longacre, William [169]  
Longstaffe, Fred [16], [21], [35], [49], [56], [255]  
Looper, Matthew [145]  
Lopez Camberos, Lorenza [98]  
López Dávila, Adrián [147]  
López, Catalina [31]  
Lopez, Javier [182]  
Lopez, Jose [253]  
Lopez, Valentin [222]  
Lopez-hurtado, Enrique [93]  
Lopiparo, Jeanne [24]  
Lordkipanidze, David [114]  
Loren, Diana [229]  
Lorenz, Joseph [11]  
Lorvik, Katharina [236]  
Loubser, Jannie [60]  
Loughmiller-Newman, Jennifer [190]  
Love, Michael [186]  
Lovis, William [19]  
Lowe, John [214]  
Lowe, Lynne [51]  
Lowe, Mark [179]  
Lowry, Justin [14]  
Loya, Tatiana [85]  
Lozada, Maria Cecilia [129], [217]  
Lubinski, Patrick [177]  
Lubritto, Carmine [92]  
Luce, Joseph [156]  
Lucero, Lisa [90]

Lukach, Katharine [190]	Maeyama, Kimberly [80]	Marcus, Matthew [220]
Lukacs, John [16]	Magee, Kevin [119], [259]	Marden, Kerriann [237]
Luke, Matt [161]	Magee, Peter [13]	Marek-Martinez, Ora [252]
Lukowski, Susan [178]	Maggi, Roberto [218]	Mark, Robert [60]
Lundin, Richard [158], [193]	Mahar, Ginessa [115]	Marken, Damien [9]
Luo, Qingsong [23]	Mahoney, Daniel [228]	Marks, Brian [265]
Lupo, Karen [126]	Maillo, Jose Manuel [218]	Marks, Jennifer [194]
Lux, Thomas [66]	Majewski, Teresita [80]	Marks, Ted [61]
Luzzadder-Beach, Sheryl [148], [223], [238]	Major, Maurice [153]	Marks, Theodore [2]
Lyle, Robin [135]	Makarewicz, Cheryl [169]	Marler, Clayton [262]
Lyman, R. Lee [126], [231]	Malainey, Mary [19]	Marshall, Joel [82]
Lyons, Natasha [159]	Maldonado, Jesus [105]	Marshall, Charla [82]
Lyons, Patrick [52], [264]	Malhi, Ripan [11]	Marshall, David [22]
Lytle, Farrel [193]	Malin-Boyce, Susan [80]	Marshall, Fiona [126]
Maca, Allan [128]	Malloy, Maureen [113]	Marshall, John [52]
Margaret MacMinn-Barton [25]	Malo, Erika [113]	Marston, John [111]
MacDonald, Brandi Lee [167]	Maloof, George [8]	Martin, Debra [171], [235], [237]
Macdonald, Danielle [59]	Manahan, T. Kam [85], [221]	Martin, Erik [77]
MacDonald, Douglas [57], [160]	Mandel, Rolfe [26]	Martin, Fabiana [231]
Macfarlan, Shane [179]	Maniery, Mary [127]	Martin, Helene [205]
MacFarland, Kathryn [4]	Manne, Tiina [205]	Martin, Jacob [219]
Machado, Juliana [124]	Manney, Shelby [118]	Martin, Lana [123]
Mackey, Carol [125], [156]	Mannheim, Bruce [24]	Martindale Johnson, Lucas [6], [96]
MacLellan, Jessica [225]	Manning, Cassandra [178]	Martinez de Luna, Lucha [162]
Macrae, Scott [238]	Manuel, Cueto [59]	Martinez, Antoinette [77], [194]
Macri, Martha [145]	Manzanilla, Linda [116]	Martínez, Antonio [95]
MacWilliams, Arthur [199], [244]	Marciniak, Arkadiusz [110]	Martinez, Desiree [1], [48], [105], [123], [252]
Macy, Kimbi [4]	Marcone, Giancarlo [93]	Martinez, Eva [128]
Madden, Gwyn [236]		Martinez, Gustavo [71], [168]
		Martínez, Jorge [142]

Martínez, Júpiter [147]	Mazzola, Cristina [162]	McGuire, Kelly [11], [83]
Martino, Gabriele [218]	McAllister, Martin [76]	McGuire, Randall [93], [173], [197]
Martorelli, Sean [65], [209]	McAnany, Patricia [190], [197], [249]	McGuirt, Michael [136]
Marwick, Ben [4]	McBride, Kevin [3]	McHone, Elizabeth [35]
Marzaioli, Fabio [92]	McCafferty, Geoffrey [183]	McIlraith, Erin [257]
Masaguer, Maria [224]	McCafferty, Sharisse [183]	McKechnie, Iain [168]
Mason, Owen [159]	McCall, Grant [22], [61]	McKee, Brian [250]
Mason-Kohlmeier, Lea [137]	McCarthy, Daniel F. [158]	McKee, Karen [265]
Masse, W. Bruce [199]	McClelland, John [52]	McKenna, Jeanette [259]
Massey, David [167]	McClung de Tapia, Emily [25]	Mckenna, Peter [99]
Massigoge, Agustina [177]	McClure, Rick [160]	McKeown, Ashley [121]
Masson, Marilyn [8], [157]	McClure, Sarah [106]	McKillop, Heather [265]
Mathews, Darcy [232]	McCord, Robert [53]	McLeester, Madeleine [124]
Mathews, Rolf [176]	McCormick, David [92]	Mcleod, Bart [82]
Mathia, Thomas [242]	McCorriston, Joy [13]	McMahon, Catherine [161]
Mathien, F. Joan [136]	McCoy, Mark [261]	McManamon, Francis [118]
Mathiowetz, Michael [201]	McCrary, MA, RPA, Melinda [240]	McNees, Lance [168]
Matos, Allison [38]	McCurdy, Leah [51]	McNeill, Casey [107]
Matskevich, Zinovi [114], [203]	McCutcheon, Patrick [160]	McNeill, Fiona [167]
Matson, RG [46]	McDaid, Christopher [185]	McNeill, Judith R. [23]
Matsumoto, Go [71], [174]	McDonald, Jo [158]	McNiven, Ian [253]
Matt, Ira [57]	McDonald, K. Harley [69], [260]	McOmish, David [153]
Matthews, Darcy [176]	McEwan, Colin [15]	McPherron, S.P. [2]
Matthews, Neffra [60]	McGill, Alicia [268]	Means, Bernard [82]
Mauldin, Raymond [177]	McGill, Dru [78], [207]	Mebane-Cruz, Anjana [202]
Maurer, Emily [211]	McGovern, Thomas [42]	Medeiros, Melanie [136], [179]
Maxwell, David [34]	McGraw, John J. [41]	Mehrer, Mark [258]
May, Elizabeth [99]		Meierhoff, James [193]
May, J. [162]		Meignen, Liliane [17]
Mayer, Gary [36]		Melgar, Cesar [213]



- Melgar, Emiliano [41], [116]  
 Meliksetian, Khachatur [63]  
 Melo, Maria [203]  
 Meltzer, David [155]  
 Menaker, Alexander [241]  
 Mendizabal, Tomás [67]  
 Mendoza, Rubén [195]  
 Meniketti, Marco [142]  
 Menzies, Adam [93]  
 Merchant, Peter [96]  
 Meredith, Clayton [63]  
 Meredith, Steven [6], [96]  
 Merewether, Jamie [117]  
 Mergen, Vanchigdash [236]  
 Merrell, Carolynne [158]  
 Merrill, Michael [132]  
 Merriot, Ivy [113]  
 Meshveliani, Tengiz [114]  
 Messer, Andrea [244], [251]  
 Messner, Timothy [111]  
 Metcalfe, Duncan [91]  
 Meyer, Jack [194], [256]  
 Meyer, Regina [150]  
 Meyers, Maureen [215], [240]  
 Michael, Amy [56]  
 Michelet, Dominique [58]  
 Miles, Wesley D. [223]  
 Milic, Marina [97]  
 Miljour, Heather [80]  
 Millaire, Jean-Francois [35], [156]  
 Miller, Alexandra E. [36]  
 Miller, Bryan [54]  
 Miller, D. Shane [155], [216]  
 Miller, Heather [198]  
 Miller, Jennifer [109]  
 Miller, Jessica [178]  
 Miller, Katherine [56], [128]  
 Miller, Myles [207]  
 Miller, Naomi [45]  
 Miller, Randy [194]  
 Mills, Barbara [226], [264]  
 Mills, Peter [261]  
 Minger, Whitney [89]  
 Mink, Philip [64], [199]  
 Minnis, Paul [53], [199], [223]  
 Miriello, Domenico [92]  
 Miss, Christian [231]  
 Mitchell, Mark [57]  
 Mitchell, Seth [7], [209]  
 Mixter, David [9]  
 Modzelewski, Darren [1]  
 Moe, Jeanne [113], [268]  
 Moirano, Jorge [101]  
 Monaghan, G. William [80], [82]  
 Monaghan, John [24]  
 Monchot, Hervé [159]  
 Mondragon, Lourdes [21]  
 Monnier, Gilliane [218]  
 Monroe, Cara [194]  
 Monroe, J. Cameron [177]  
 Monroe, Shayla [208]  
 Monroy, Fabiola [193]  
 Monteleone, Kelly [89]  
 Montez, Karina [138]  
 Moore, Inna [81]  
 Moore, Jerry [125]  
 Moore, Sara [234]  
 Moore, Summer [207]  
 Mora-Marin, David [145]  
 Morales López, Abel [67]  
 Morales, Reinaldo [60]  
 Moran, Kimberlee [76]  
 Morata, Diego [267]  
 Moratto, Michael [57]  
 Morehart, Christopher [198]  
 Morehouse, Jana [153]  
 Morell-Hart, Shanti [45], [62], [111], [250]  
 Morello, Flavia [231]  
 Morgan, Brooke [7]  
 Morgan, Chris [57]  
 Morgan, Michele E. [203]  
 Moriarty, Ellen Spensley [85]  
 Morin, Eugene [17]  
 Morin, Jesse [160]  
 Morris, Annelise [250]  
 Morris, John [190]  
 Morris, Stacy [91]  
 Morrison, Alex [153]

- Morrison, Bethany [79]  
Morrow, Juliet [22], [87], [120]  
Morton, Shawn [9], [266]  
Moser, Coral [262]  
Moses, Sharon [164]  
Moss, Madonna [263]  
Mountjoy, Joseph [41]  
Moyes, Holley [266]  
Muir, Arthur [12]  
Mulhern, Dawn [188]  
Mullane, Elizabeth [43]  
Mullen, Kira [32]  
Mullen, Kyle [96]  
Mullins, Daniel [6]  
Muncaster, Lara [264]  
Munoz, Cynthia [177]  
Muñoz, Melissa [31]  
Munoz, Samuel [72]  
Munro, Natalie D. [126]  
Munro-Stasiuk, Mandy [85]  
Munson, Cheryl Ann [35]  
Munson, Jessica [145], [225]  
Munson, Marit [260]  
Murakami, Tatsuya [92]  
Murata, Satoru [190]  
Murdock, Jana [148]  
Murley, Daniel [48]  
Muros, Vanessa [193]  
Murphy, Elizabeth [163]  
Murphy, Joanne [258]  
Murphy, John [135]  
Murphy, Larry [76]  
Musser-Lopez, Ruth [158]  
Mutin, Benjamin [140]  
Nado, Kristin [233]  
Nagaoka, Lisa [126]  
Nahmias, Susan Shaffer [83]  
Najat, Bhiry [25]  
Najjar, Jorge [268]  
Najjar, Rosana [247]  
Nakase, Dana [223]  
Napolitano, Matthew [89]  
Nash, Donna [193], [227]  
Nash, Stephen [18], [99], [215]  
Nathan, Rebecca [115]  
Natoli, Amelia [80]  
Nauman, Alissa [107]  
Naumann, Aaron [124]  
Nava, Silvia [147]  
Navarro Farr, Olivia [191]  
Ndiema, Emmanuel [97]  
Nechayev, Irina [194]  
Neff, Hector [5], [8], [62], [88], [142], [228]  
Neff, Linda [238]  
Neff, Ted [20], [163], [238]  
Nehlich, Olaf [42]  
Neiman, Fraser [121], [207]  
Neira, Ana [218]  
Neiss, Michael [146]  
Neitzel, Jill [187]  
Nelba Del Castillo Salazar, Mirza [33]  
Nelle, Oliver [25]  
Nelson, Andrew [156]  
Nelson, Ben A. [36], [58]  
Nelson, Kit [63], [142]  
Nelson, Peter [250]  
Nelson, Sarah [122]  
Nelson, Shaun [150]  
Nelson, Zachary [28], [251]  
Neme, Gustavo [12], [62]  
Neusius, Phillip [7]  
Neusius, Sarah [130], [209]  
Neuzil, Anna [52], [264]  
Newbold, Bradley [70]  
Newell, Gillian [173]  
Newlander, Khori [17], [262]  
Newman, Elizabeth [200]  
Newsome, Seth [12]  
Ney, Hannah [135]  
Nez, Jason [20]  
Nials, Fred [244]  
Nicholas, George [78], [197], [252]  
Nicholls, Brian [104]  
Nickels, Adam [83]  
Nielsen, Ejvond [83]  
Niessner, Janet C [66]  
Nikolova, Lolita [260]  
Nilsson Stutz, Liv [226], [254]  
Noble, Tommy [60]  
Nohe, Sarah [214]

- |  |                              |                                |
|--|------------------------------|--------------------------------|
| Nolan, John [47]                           | Odell, George [59]           | Özkaya, Vecihi [63]            |
| Noll, Christopher [257]                    | Oelze, Vicky [255]           | Pablo, Marcia [57]             |
| Nonni, Sara [92]                           | Oestmo, Simen [108]          | Pace, Meghan [259]             |
| Norder, John [197], [252]                  | Ogburn, Dennis [267]         | Padilla, Ana Maria [14]        |
| Norman, Garth [28]                         | Okumura, Mercedes [6]        | Padon, Beth [154]              |
| Norman, Lauren [159]                       | Oland, Maxine [190]          | Page, David [180]              |
| Norman, Neil [198]                         | Olano Canales, Jorge [267]   | Page, James [81]               |
| Normark, Johan [67], [214]                 | Olguín, Iván [95]            | Pagliari, Jonathan [85]        |
| Norton, William [150]                      | Oliva, Fernando [101]        | Paglione, Teresa [87]          |
| Novic, Juliana [58]                        | Olsen, Nancy [158]           | Pailes, Matthew [106]          |
| Novotny, Anna [56]                         | Olson, Elizabeth [206]       | Paine, Richard [72]            |
| Nygard, Travis [102]                       | Olton, Elizabeth [102]       | Palacios-Fest, Manuel R. [223] |
| O'Brien, Christopher [77]                  | Orchard, Trevor [168]        | Palazzo, Antonio [162]         |
| O'Brien, Gary [20]                         | Orr, Kelly [10]              | Palka, Joel [200]              |
| O'Brien, Helen [137]                       | Ort, Michael [99]            | Palomo, Juan Manuel [225]      |
| O'Brien, Lauren [207]                      | Ortega, Felipe [207]         | Palumbo, Scott [93]            |
| O'Brien, Meghann [124]                     | Ortegón Zapata, David [266]  | Panich, Lee [48], [229]        |
| O'Brien, Michael [22], [126], [155], [218] | Ortman, Scott [99], [264]    | Panizza, Cecilia [101]         |
| O'Connell, James [12], [230]               | Orton, David [26]            | Paredes, Federico [8]          |
| O'Donnabhain, Barra [217]                  | Ossa, Alanna [182], [216]    | Parezo, Nancy [18]             |
| O'Donnell, John [81]                       | Ostaptchouk, Sonia [26]      | Paris, Elizabeth [88]          |
| O'Gorman, Jodie [106]                      | Osterholtz, Anna [237]       | Parish, Ryan [224]             |
| O'Grady, Patrick [120]                     | Otarola-Castillo, Erik [3]   | Park, Sunmi [149]              |
| O'Hagan, Terry [107]                       | Otis Charlton, Cynthia [200] | Parker, Daniel [3]             |
| O'Hara, Michael [113], [143]               | Ots, María José [103]        | Parker, Evan [221]             |
| O'Leary, Beth [242]                        | Otten, Sarah [24]            | Parker, John [172]             |
| O'Mansky, Matt [195]                       | Outram, Alan [126]           | Parkington, John [12]          |
| O'Neill, John [107]                        | Overholtzer, Lisa [21]       | Parks, Shoshaunna [268]        |
| O'Shea, John [226], [265]                  | Overly, Stephen [83]         | Parr, Christopher [216]        |
| O'Rourke, Dennis H. [126]                  | Ozbun, Terry [160]           | Parsons, Jeffrey [21], [200]   |
|  |                              | Partlow, Megan [177]           |

- Pastrana, Alejandro [116], [200]  
Paterson, Judy [188]  
Pauketat, Timothy [24], [229]  
Paul, Burnett [192]  
Pavao-Zuckerman, Barnet [127]  
Pawlowicz, Matthew [228]  
Pazmiño, Estanislao [15]  
Pearce, Kenny [195]  
Pearsall, Deborah M. [111], [124]  
Pearson, Charles [265]  
Peate, David, W [234]  
Pecci, Alessandra [92]  
Pecoraro, Luke [163]  
Pederson, Joel [20]  
Pedler, David [29]  
Peebles, Christopher [82]  
Peeples, Matthew [36], [134], [264]  
Pelt, Ezra [219]  
Peña, Agustín [14]  
Peniche May, Nancy [14]  
Penny, Dan [90]  
Perales Munguía, Manuel [106]  
Peraza Lope, Carlos [56]  
Perdikaris, Sophia [202]  
Pereira, Carla [207]  
Pereira, Carlos [5]  
Pereira, Gregory [41], [58]  
Perez Martinez, Gregorio [128]  
Perez Rodriguez, Veronica [67]  
Perez Roman, Paulo Cesar [95]  
Perez, Don [243]  
Perez, Gregorio [128]  
Perez, JoEllen [156]  
Pérez, Ventura [1], [237]  
Perlingieri, Cinzia [3]  
Peros, Matthew [72]  
Perry, Elizabeth M [83]  
Perry, Jennifer [11], [48], [123]  
Perry, Laureen [83]  
Pestle, William [152], [204]  
Peters, Ann [71]  
Peters, Joris [42]  
Peterson, Cynthia [133]  
Peterson, David [63]  
Peterson, Elizabeth [6]  
Petraglia, Michael [74]  
Petrich-Guy, Mary [175]  
Pettitt, Paul [142]  
Peuramaki-Brown, Meaghan [40]  
Pevny, Charlotte [59], [120]  
Pezzutti, Florencia [58]  
Phillipps, Rebecca [22]  
Phillips, Bruce G. [223]  
Phillips, Sara [156]  
Phillips, Stephen [7]  
Picha, Paul [211]  
Pickard, Catriona [255]  
Pickering, Sean [159]  
Pierce Terry, Stephanie [227]  
Pierce, Wendy [83]  
Pierre, Tracey [11]  
Pietruszewski, Samantha [89]  
Pietruszka, Andrew [89]  
Pihl, Robert [55]  
Pilaar Birch, Suzanne [205]  
Pilco Vargas, René [227]  
Pillsbury, Joanne [125]  
Pinhasi, R. [114]  
Pink, Christine [245]  
Pinkston, Erin [28]  
Pinson, Ariane [215]  
Pintar, Elizabeth [142]  
Pinter, Teresa [83]  
Piperno, Dolores [88]  
Piro, Jennifer [152]  
Piscitelli, Matthew [163]  
Pitblado, Bonnie [130], [262]  
Pitts, Karin [150]  
Plank, Shannon [128]  
Platt, Steve [113]  
Platz, Lorelei [183]  
Plimpton, Christine [246]  
Pliska, Janine [51]  
Plotzki, Anna [124]  
Pluciennik, Mark [122], [130]  
Plumer, Hannah [75]  
Plunket, Patricia [98]  
Podrug, Emil [106]  
Poeppel, Emily [65]  
Pohl, John [98], [157]

- Pohl, Mary [157]  
Poinar, Hendrik N. [72]  
Politis, Gustavo [213]  
Pollard, A.M. [203]  
Pollock, Sarah [122]  
Polson, Nikki [256]  
Pomerleau, Monique [57]  
Pool, Christopher [116], [193]  
Pool, Michael [136]  
Pope, Spencer [167]  
Porcayo, Antonio [147], [224]  
Porraz, Guillaume [12]  
Porter, Benjamin [26], [152]  
Posadas, Lyllyam [105]  
Potter, James [83]  
Pottier, Christopher [90]  
Pournelle, Jennifer [26]  
Powell, Hilary [3]  
Powers, Robert [223]  
Powis, Terry [14], [28], [75]  
Pozorski, Shelia [125]  
Pozorski, Thomas [125]  
Prado Cobos, Antonio [28]  
Pradzynski, Aleksandra [55]  
Praetzellis, Adrian [48], [122]  
Praetzellis, Mary [48], [122]  
Prasciunas, Mary [155]  
Prates, Luciano [213]  
Pratt, Trevor [112]  
Prentiss, Anna [22]  
Prescott, Christopher [110]  
Preston, Tim [165], [191]  
Preucel, Robert [252]  
Prevosti, Francisco J. [231]  
Price, Max [177]  
Price, Sarah [257]  
Price, T Douglas [116]  
Prieto, Oscar [125]  
Prikhodko, Sergey [220]  
Prilliman, Keith [81]  
Pritchard, James [80]  
Prufer, Keith [9], [34], [40], [145], [162]  
Puckett, Neil [106]  
Pugh, Daniel [43]  
Puleston, Cedric [261]  
Punzo, José Luis [147]  
Purdue, Louise [223]  
Puseman, Kathryn [66]  
Pyburn, K. Anne [197], [254], [268]  
Pye, Jeremy [235]  
Pykles, Benjamin [82], [158]  
Qin, Ling [111]  
Quates, Duane [185]  
Quave, Kylie [5], [6], [227]  
Queen, Rolla [112], [166]  
Quezada, Osiris [224]  
Quinn, Colin [226]  
Quist, Rachel [180]  
Raab, Jessica [235]  
Raab, L. Mark [67]  
Raad, Danielle [62]  
RabbySmith, Steve [81]  
Raczek, Teresa [189]  
Rademaker, Kurt [267]  
Radovanovic, Ivana [255]  
Raebel, Meghan [35]  
Rafferty, Sean [19]  
Rafuse, Daniel [177]  
Ragsdale, Corey [162]  
Railey, Jim [7]  
Rains Clauss, Lee [197]  
Rakita, Gordon [143], [217]  
Ramenofsky, Ann [130], [264]  
Ramirez, Nicole [242]  
Ramirez, Shelby [211]  
Ramirez-Urrea de Swartz, Susana [98]  
Ramón, Pedro [95]  
Ramos, Carmen [119]  
Randall, Lindsay [196]  
Ranere, Anthony [120], [213]  
Rasic, Jeff [7], [62]  
Raslich, Frank [29]  
Rauh, Whitnie [63]  
Rautman, Alison [53], [86]  
Ravesloot, John [179]  
Raviele, Maria [19]

- Ready, Elspeth [2]  
 Reber, Nora [19]  
 Reckin, Rachel [57]  
 Reddy, Seetha [151]  
 Reed, Lori [219]  
 Reed, Michael [268]  
 Reed, Paul [117]  
 Reeder, Leslie [105]  
 Reeves, Jonathan [158]  
 Regnier, Amanda [210]  
 Reid, Devon [62]  
 Reid, J. Jefferson [18], [99]  
 Reid, Ken [120]  
 Reindel, Markus [267]  
 Reinhardt, Katrinka [228]  
 Reitze, William [231]  
 Reitzel, Hannah [58]  
 Rendu, William [17]  
 Reseburg, Nicholas [80]  
 Reti, Jay [74]  
 Reuther, Joshua [179]  
 Reynolds, Cerisa [135]  
 Reynolds, Georgeanne [173]  
 Rhode, David [180]  
 Rice, Erin [63]  
 Rice, Glen [52], [158]  
 Rich, William [239]  
 Richard, Hervé [192]  
 Richards, John D. [104]  
 Richards, Julian [144]  
 Richards, Michael [176], [255]  
 Richards, Patricia B [104]  
 Richards-Rissetto, Heather [128]  
 Richardson, James [196]  
 Richerson, Peter [43]  
 Richman, Jennifer [184]  
 Rick, John [233]  
 Rick, Torben [105], [123], [263]  
 Riel-Salvatore, Julien [218]  
 Riffe, Jed [77]  
 Riggs, John [87]  
 Riley, Timothy [35]  
 Rinck, Brandy [124]  
 Ríos, Dante García [182]  
 Ríos, Jorge [95]  
 Rios, Lisa [237]  
 Ripy, John [64]  
 Rissolo, Dominique [221]  
 Ritchey, Douglas [168]  
 Rius, Damien [192]  
 Rizvi, Uzma [189]  
 Rizzo, Florencia [60]  
 Robb, John [237]  
 Roberts, Christopher [42]  
 Roberts, Harry [265]  
 Roberts, Heidi [18], [215]  
 Roberts, Theodore [136]  
 Robinson, Brian [196], [265]  
 Robinson, David [48]  
 Robinson, Eugenia [67]  
 Robles, Fernando [14]  
 Robles, Nelly [95]  
 Rocek, Thomas [53]  
 Rochette, Erick [116]  
 Rock, Carolyn [81]  
 Rockman, Marcy [142]  
 Rodd, Ben [154]  
 Roddick, Andrew [267]  
 Rodman, Julie-anna [195]  
 Rodrigues, Teresa [192]  
 Rodríguez, Mónica [14]  
 Rodríguez López, Miguel [204]  
 Rodríguez Ramos, Reniel [204]  
 Rodriguez, Erin [55]  
 Rodriquez, David [269]  
 Rogers, Alan R. [126]  
 Rogers, J. Daniel [229]  
 Rogers, Alexander K. [97]  
 Rogers, Daniel [54]  
 Rogers, Julie [146]  
 Rogers, Michael [55]  
 Rogers, Richard [87]  
 Rogoff, David [31]  
 Rojas Vega, Carol [241]  
 Rojas, Juan Martín [147]  
 Rojas, Martin [224]  
 Roland, Jennifer [70]  
 Romano, Francisco [93]  
 Romano-Pacheco, Arturo [237]  
 Rondeau, Michael [120]  
 Roney, John [199], [244]  
 Roos, Chris [192]

Roos, Christopher [199]	Russell, Matthew [48], [153]	Sanchez, Carlos [93]
Root, Matthew [120]	Russell, Will [36]	Sanchez, Guadalupe [120], [147]
Rorabaugh, Adam [232]	Ruuska, Alex [60]	Sanders, Donald [146]
Rosales Tham, Teresa [156]	Ruzicka, Denise [201]	Sandor, Jonathan [199], [223]
Roscoe, Jamie [239]	Ryan, Beth [55]	Sands, Ashley [158]
Rosen, Arlene [133]	Ryan, Kevin [192]	Santarone, Paul [262]
Rosen, Steven [22]	Ryan, Kimberley [135]	Sapp, William [125]
Rosenfeld, Silvana [70]	Ryan, Stacy [52]	Sargent, Heather [175]
Rosenstein, Dana [5]	Ryan, Susan [117]	Sarjoughian, Hessam [36]
Rosenstock, Eva [26]	Ryzewski, Krysta [163]	Sarmiento, James D. [145]
Rosenthal, Jeffrey [256]	Sabloff, Jeremy [18], [225]	Sasaki, Ken-ichi [149]
Rossi, Stefano [218]	Sabo, III, George [204]	Sassaman, Ken [232]
Rossillon, Mitzi [83]	Sabol, Donald [163]	Sattenspiel, Lisa [124]
Rost, Stephanie [115]	Safi, Kristin [257]	Sauer, Jacob [241]
Roth, Barbara [94]	Saha, Kakoli [85]	Savalle, James [126], [159]
Rothenberg, Kara [165]	Saitta, Dean [198]	Sawchuk, Elizabeth [109]
Rothschild, Bruce [87]	Sakai, Sachiko [62]	Sayre, Matthew [45]
Rousseau, Mike [160]	Salas, Miriam [243]	Scaglione, Richard [73]
Rowan, Yorke [254]	Salazar, Diego [224], [267]	Scarborough, Vernon [119]
Rowe, Robert [201]	Saldana, Fausto [156]	Schaafsma, Hoski [192]
Rowe, Sarah [73]	Saldana, Melanie [266]	Schaafsma, Polly [18]
Roy, Natasha [25]	Salgán, Laura [62]	Schach, Emily [141]
Rozo, Jennifer [124]	Salinas, Hernán [224], [267]	Schachner, Gregson [134]
Rubin, Julio Cezar [68]	Sall, Candace [62]	Schaepe, David [232]
Rubin, Sol [21]	Salomon, Frank [15]	Scharffenberg, Melissa [195]
Ruiz, Joaquin [135]	Salwen, Stephanie [106], [123]	Scheel-Ybert, Rita [253]
Runggaldier, Astrid [165]	Sammons, D. [59]	
Runnells, Sarah [178]	Sampson, Christina [135]	
Rush, Laurie [154], [185]	San Roman, Manuel [231]	
Russell, Ian [254]	Sanchez Fortoul, Carmen [243]	
	Sánchez Mosquera, Amelia [103]	

- Scheiber, Laura [57], [84]  
Scheinsohn, Vivian  
Scheinsohn [60]  
Schieppati, Frank [60]  
Schiffer, Michael [10]  
Schilling, Timothy [246]  
Schindler, Bill [61]  
Schlanger, Sarah [50]  
Schleher, Kari [264]  
Schmader, Matthew [241]  
Schmidt Dias, Adriana [101]  
Schmitt, David [126], [180]  
Schneider, Adam [258]  
Schneider, Joan [224]  
Schneider, Seth A. [104]  
Schneider, Tsim [48]  
Schneyder, Stacy [3]  
Schnitger, Frederik W. [115]  
Schoeninger, Margaret [233], [255]  
Schofield, John [254]  
Schollmeyer, Karen [126]  
Scholnick, Jonathan [235]  
Schon, Robert [89]  
Schöne, Bernd [205]  
Schou, C. [59]  
Schoville, Benjamin [59], [108]  
Schreiber, Katharina [229]  
Schreiner, Amanda [42]  
Schroeder, Bryon [101]  
Schroedl, Gerald [121]  
Schroedter, Tim [25]  
Schuetz, Eric [104]  
Schuldenrein, Joseph [80], [249]  
Schulenburg, Marcus [187]  
Schultze, Carol [267]  
Schurmans, Utsav [176]  
Schurr, Mark [35], [226]  
Schwake, Sonja [191]  
Schwart, Steven [123]  
Schwartz, Glenn [152]  
Schwendler, Rebecca [154]  
Schwitalla, Al [11], [194]  
Scott, Ann [266]  
Scott, John [258]  
Scott, Paul [46]  
Scott, Rachel [16], [217]  
Scott, Randi [76]  
Scott, Sarah [47]  
Scott-Ireton, Della [268]  
Searcy, Michael [264]  
Seeley, Kent [19]  
Seelinger, Evelyn [230]  
Segre, Carlo [220]  
Seinfeld, Daniel [157]  
Seldin, Abigail [196]  
Sellen, Adam [51]  
Semon, Anna [187]  
Senn, Matthew [13]  
Serafin, Stanley [56]  
Serenio, Paul [133]  
Sergheraert, Maëlle [58]  
Serra, Mari Carmen [21]  
Seymour, Elizabeth [177]  
Shackley, Steven [52], [97]  
Shah, Sudha [81]  
Shakour, Katherine [107], [162]  
Shan, Chen [218]  
Shantry, Kate [124]  
Shapiro, Lisa [83]  
Sharp, William [87]  
Sharratt, Brenton [257]  
Sharratt, Nicola [39]  
Shaw, Justine [67]  
Shea, John [22]  
Sheets, Payson [8], [119]  
Shelton, China [111]  
Shelton, Rebecca [204]  
Shen, Chen [22]  
Shepard, Ben [236]  
Shepherd, Carolyn [230]  
Sheppard, Paul [99]  
Sheridan, Susan [152]  
Sherrod, Laura [115]  
Shields, Carl [64]  
Shillito, Lisa-Marie [42]  
Shimada, Izumi [71], [156], [174], [260], [267]  
Shimelmitz, Ron [218]  
Shirar, Scott [181]  
Shiratori, Yuko [243]  
Shock, Myrtle [129]



- Shockey, Paul [36]  
 Sholts, Sabrina [146]  
 Shoocongdej, Rasmi [17]  
 Short, Laura [127], [162]  
 Shortland, Andrew [5]  
 Shott, Michael [22]  
 Shugar, Aaron [22]  
 Sibold, Jason [192]  
 Sierra, Thelma [14], [116]  
 Sillar, Bill [269]  
 Silva, Ana Maria [234]  
 Silva, Rosicler [68]  
 Silverman, Shari [124]  
 Silverstein, Jay [258]  
 Simborth Lozada, Erika [33]  
 Simmons, Alan [26], [89]  
 Simms, Stephanie [40], [221]  
 Simon, Arleyn [92]  
 Simpkins, Robert [258]  
 Sims, Marsha [87]  
 Sinclair, Alan [192]  
 Singleton, Courtney [197]  
 Singleton, Theresa [121]  
 Sinton, John [261]  
 Sisk, Matthew [176]  
 Skidmore, Maeve [227]  
 Skinner, A.R. [2], [218]  
 Skinner, Anne [3], [109]  
 Skinner, Craig [160]  
 Slater, Donald [196]  
 Slater, Philip [12], [74]  
 Slaughter, Mark [83]  
 Slessman, Scott [215]  
 Sload, Rebecca [266]  
 Smalldon, Sue [259]  
 Smallwood, Ashley [120], [155]  
 Smiley, Francis [134]  
 Smith, Alexander [62]  
 Smith, Alexia [45], [111]  
 Smith, Beth [6], [163]  
 Smith, Bruce [111]  
 Smith, Christy [150]  
 Smith, Craig [168], [229]  
 Smith, Donna [65], [138]  
 Smith, Erica [89]  
 Smith, Fred [218]  
 Smith, Geoffrey [262]  
 Smith, Grant [87]  
 Smith, Heather [155], [181]  
 Smith, J.R. [218]  
 Smith, Jennifer [26]  
 Smith, Karen [207]  
 Smith, Kevin [42]  
 Smith, Michael [58], [90], [214]  
 Smith, Michele [42]  
 Smith, Nicole [168]  
 Smith, Sam [150]  
 Smith, Scott [93]  
 Smith, Stuart [152], [229], [246]  
 Smith, Susan [20]  
 Smits, Nicholas [160]  
 Smyth, Michael [266]  
 Snead, James [18], [94], [215]  
 Snetsinger, Andrew [75]  
 Snow, David [264]  
 Snow, Dean [55], [118]  
 Snow, Meradeth [219]  
 Sobel, Elizabeth [160]  
 Sobolik, Kristin [206]  
 Sobur, Marta [13]  
 Soderland, Hilary [110]  
 Sofaer, Joanna [16]  
 Solar Valverde, Laura [237]  
 Soler, Ane [92]  
 Solis, Kristina [179]  
 Solis, Reyna [41]  
 Solometo, Julie [53], [136]  
 Somerville, Andrew [233]  
 Sommer, Caitlin [211]  
 Sorensen, Tim [226]  
 Soto, Gabriella [124]  
 Southon, John [88]  
 Souza, Joanne [43]  
 Speer, Charles [61]  
 Speller, Camilla [178]  
 Spenard, Jon [157]  
 Spence, Michael [16], [21]  
 Spencer, Alan [87]  
 Spencer, Kaylee [102]  
 Spencer, Susan [35]  
 Spengler, Robert [54], [111]

- Spielmann, Kate [118]  
 Spielmann, Katherine [53]  
 Spivak, Deborah [229]  
 Spivey, S. Margaret [166], [240]  
 Sponheimer, Matt [236]  
 Springer, Chris [232]  
 Springer, Corinne [91]  
 Sprowles, Michael [65]  
 Spry-Marques, Victoria P. [205]  
 Spurr, Kim [20]  
 Stack, Margaret [241]  
 Stafford, Thomas [262]  
 Stahl, Ann [198]  
 Staller, John [15]  
 Stanton, Travis [85]  
 Stapleton, Charles [170]  
 Stapleton, Maria [170]  
 Starkey, Anna [256]  
 Starn, Orin [77]  
 Starr, Sandra [260]  
 Stawski, Christopher J. [38]  
 Steadman, Dawnie [198], [217]  
 Steelandt, Stéphanie [25], [159]  
 Steele, James [213]  
 Steele, Julia [173]  
 Steele, Teresa [12]  
 Steere, Benjamin [164]  
 Steeves, Paulette [173]  
 Steffen, Anna [97]  
 Stehman, Kelly [248]  
 Steinbach, Penny [102]  
 Steinberg, John [42]  
 Steinbrenner, Larry [183]  
 Stelle, Lenville [60]  
 Stemp, William [59], [190]  
 Stephen, David [137]  
 Stephenson, Keith [164]  
 Steponaitis, Vin [184], [264]  
 Sterling, Kathleen [153], [218]  
 Sterling, Sarah [210]  
 Stettler, Heather [215]  
 Stevens, Nate [194]  
 Stevens, Stan [19]  
 Stevenson, Alexander [178]  
 Stinchcomb, Gary [111]  
 Stiner, Mary [126]  
 Stirn, Matt [115]  
 Stockdell, Eric [221]  
 Stockton, Trent [85]  
 Stodder, Ann [143], [237]  
 Stoellner, Thomas [267]  
 Stojanowski, Christopher M. [133]  
 Stokeld, Rachel [175]  
 Stokes, Robert [83]  
 Stoll, Anne [151]  
 Stoll, Marijke [127], [182], [237]  
 Stone, Andrea [60]  
 Stone, Elizabeth [10]  
 Stone, Lester [161]  
 Stone, Pamela [237]  
 Stone, Suzanne [115]  
 Stone, Tammy [201]  
 Stoner, Ed [61], [262]  
 Storey, Rebecca [56], [237]  
 Stosel, Victoria [240]  
 Stothert, Karen [15]  
 Stottman, Jay [197]  
 Stotts, Rhian [164]  
 Stovel, Emily [228]  
 Stratton, Susan [112], [166], [172]  
 Strawhacker, Colleen [223]  
 Strickland, Glenn [81]  
 Striker, Sarah [208]  
 Striplen, Chuck [222]  
 Stroulia, Anna [164]  
 Strout, Nathan [139]  
 Strudwick, Ivan [123]  
 Stueber, Dan [160]  
 Sturm, Jennie [163]  
 Stutz, Aaron [17]  
 Stvan, Jeffrey [174]  
 Suasnavar, Jose [191]  
 Sublett, Jan [113]  
 Sugiura, Yoko [21]  
 Sulkosky, Rita [80]  
 Sullivan, Alan [20], [199]  
 Sullivan, Elaine [146]  
 Sullivan, Lynne [82]  
 Sullivan, Michael [139]  
 Sunseri, Jun [153]  
 Supak, Karen [224]  
 Supernant, Kisha [232]  
 Surette, Flannery [49]

- Surovell, Todd [57], [155]  
 Surprenant, Ann [265]  
 Sutter, Richard [233]  
 Sutton, Wendy [211]  
 Swanton, Kristin [154]  
 Swartz Dodd, Lynn [220]  
 Sweeney, Alex [81]  
 Swenson, Edward [125]  
 Swygert, Amelia [138]  
 Sykes, Becky [196]  
 Szczepanowska, Hanna [242]  
 Szirmay, Jenica [31]  
 Szpak, Paul [35]  
 Tabares, A. Natasha [230]  
 Tabor, Neil [3]  
 Tackett, Stephanie [137]  
 Tafilica, Zamir [27]  
 Tafuri, Maryanne [237]  
 Takamiya, Hiroto [149]  
 Talbot, Richard [94]  
 Talcott, Johanna [129]  
 Tanaka, Yutaka [149]  
 Tankersley, Ken [119], [124]  
 Tatchell, Brittney [49]  
 Tate, Sarah [161]  
 Taube, Karl [41]  
 Taylor, Amanda [232]  
 Taylor, Anthony [35]  
 Taylor-Perryman, Rebecca [22]  
 Teeter, Wendy [1], [105], [123]  
 Tenorio, Dolores [193]  
 Teoh, Melissa [106]  
 Terlep, Michael [211]  
 Terrasi, Filippo [92]  
 Terry, Richard [119], [225]  
 Testard, Juliette [98]  
 Texier, Pierre Jean [12]  
 Thacker, Paul [5], [133]  
 Thakar, Heather [88]  
 Theuer, Jason [134]  
 Thibodeau, Alyson [135], [136]  
 Thies, Meagan [234]  
 Thomas, Ben [259]  
 Thomas, David [57], [94], [230]  
 Thomas, Jonathan [22], [61], [122]  
 Thomas, Lorann Pendleton, [230]  
 Thomas, Noah [154]  
 Thomas, Scott [120]  
 Thomas-Barnett, Lisa [105]  
 Thompson, Abe [192]  
 Thompson, Amy [9]  
 Thompson, Jennifer [235], [237]  
 Thompson, Kerry [99], [130]  
 Thompson, Kim [119]  
 Thompson, M. Scott [143]  
 Thompson, Robert [15]  
 Thompson, Victor [198]  
 Thoms, Alston [1], [35]  
 Thornton, Christopher [13], [167]  
 Throgmorton, Kellam [43], [134]  
 Thurston, Tina [198]  
 Tiballi, Anne [49]  
 Tibbits, Tawny [32]  
 Tien, Joseph H. [72]  
 Tiesler, Vera [56], [116], [156], [237]  
 Tiley, Shelly [83]  
 Till, Jonathan [46]  
 Timm, Mary Beth [171]  
 Tito, Raul [206]  
 Todd, Brenda [117]  
 Todd, Lawrence [3], [192]  
 Toll, H. Wolcott [37], [237]  
 Tomasic, John [75]  
 Tomasto C., Elsa [71]  
 Tonoike, Yukiko [63]  
 Topic, John [15], [125]  
 Topic, Theresa [15]  
 Topping, Peter [96]  
 Torbert, H. Allen [162]  
 Torrence, Robin [45], [97]  
 Torres-Rouff, Christina [152], [217], [233]  
 Torvine, Andrea [58]  
 Towner, Ronald [25], [99]  
 Toya, Christopher [196]  
 Toyne, J. Marla [156]  
 Tozer, Tristan [112]

- Trachman, Rissa [148]  
 Trampier, Joshua [258]  
 Trask, Garrett [36]  
 Trask, Willa [56]  
 Trein, Debora [9]  
 Tremain, Cara [9]  
 Tremayne, Andrew [7]  
 Trever, Lisa [125]  
 Triadan, Daniela [225]  
 Trigg, Heather [53]  
 Trimble, Michael [161]  
 Tringham, Ruth [3], [122]  
 Tripcevich, Nicholas [97], [267]  
 Trivedi, Mudit [189]  
 Tromp, Monica [63], [236]  
 Trudel, Stephanie [178]  
 Tsai, Howard [125]  
 Tsesmeli, Evangelia [135]  
 Tsouras, Theodore [248]  
 Tsukamoto, Kenichiro [182]  
 Tucker, Bryan [161]  
 Tucker, Chris [146]  
 Tucker, Heath [161]  
 Tuljapurkar, Shripad [261]  
 Tung, Tiffany [156], [217], [233]  
 Turkon, Paula [25]  
 Turner, Andrew [98]  
 Turner, Bethany [49]  
 Turner, Sara [154]  
 Turner, Terence [24]  
 Tuross, Noreen [19]  
 Tushingham, Shannon [239]  
 Tuwaletsiwa, Judy [122]  
 Tuwaletsiwa, Phillip [122]  
 Tykot, Robert [63], [92], [97], [193]  
 Tyler, Kit [11]  
 Tyson, Rose [156]  
 Ullah, Isaac [36]  
 Ullinger, Jaime [152]  
 Urban, Thomas [42]  
 Urcid, Javier [182]  
 Ure, Scott [187]  
 Uriarte Torres, Alejandro J. [58]  
 Urquhart, Gerald [19]  
 Urton, Gary [24]  
 Urunuella, Gabriela [98]  
 Vadala, Jeffrey [212], [238]  
 Vail, Gabrielle [145]  
 Valadez Azúa, Raúl [200]  
 Valdez, Francisco [15]  
 Valdez, Fred [34], [119], [191]  
 Valenzuela, Jasmin [31]  
 Vallieres, Claudine [227]  
 van der Veen, Marijke [45]  
 van Dommelen, Peter [228]  
 Van Dyke, Ruth [122], [153]  
 Van Galder, Sarah [151]  
 van Gijn, Annelou [59]  
 Van Gijseghem, Hendrik [267]  
 Van Keuren, Scott [62]  
 Van West, Carla [99]  
 Van Zandt, Tineke [137]  
 Vance, Meghann [134]  
 Vanderwarker, Amber [45], [111]  
 Vandiver, Pamela [5]  
 VanEssendelft, Willem [32], [38]  
 Vannière, Boris [192]  
 VanValkenburgh, Nathaniel [241]  
 Vardi, Jacob [22], [59]  
 Vargas Sánchez, Patricia [103]  
 Varien, Mark [99]  
 Varney, Ra [66]  
 Varoutsikos, Bastien [114]  
 Vásquez Sánchez, Victor [156]  
 Vasquez, Ramon [1]  
 Vaughn, Kevin [267]  
 Vaughn, Kevin A. [160]  
 Veit, Heinz [124]  
 Velasco, Matthew [233]  
 Velázquez Castro, Adrián [116]  
 Veldhuijzen, H. Xander [167]  
 Vellanoweth, René [105], [123], [263]  
 Venables, Barney [19]  
 Ventresca, Alicia [54]  
 Vera, Jaime [95]  
 Verano, John [156]  
 Verbka, Joe [65]  
 Verdugo, Alex [57]

- Verhaaren, Bruce [162]  
 Viau, Andre [72]  
 Villagran, Ximena [253]  
 Villalpando, Elisa [147], [253]  
 Villanea, Fernando [194]  
 Villanueva, Patricio [177]  
 Villaseñor, Isabel [92]  
 Villeneuve, Suzanne [176]  
 Vincent, Allison [39]  
 Vining, Benjamin [39]  
 Viramontes, Carlos [98]  
 Vitousek, Peter [261]  
 Vleck, David [224]  
 Vogel, Melissa [125]  
 Vohberger, Marina [42]  
 von Carnap-Bornheim, Claus [42]  
 von Falkenhausen, Lothar [23]  
 von Nagy, Chris [157]  
 von Schwerin, Jennifer [128]  
 Vonarx, Amy Jo [92]  
 Voorhies, Barbara [5], [88]  
 Voss, Barbara [16], [48]  
 Wack, Lynn [177]  
 Wagner, Ursel [162]  
 Waguespack, Nicole [57]  
 Wahoff, Tanya [50]  
 Wake, Thomas [67], [88], [186]  
 Walker, Danny [82]  
 Walker, Renee [70]  
 Walker, William [24]  
 Wall, Bridget [239]  
 Wallace, Henry [52]  
 Wallace, JoAnn [106]  
 Waller, Kyle [219]  
 Waller, Steven [60]  
 Walling, Stanley [148]  
 Wallman, Diane [121]  
 Walls, Matthew [159]  
 Walsh, Justin [242]  
 Walsh, Megan [88]  
 Walsh, Michael [230]  
 Walsh, Rory [169]  
 Walter, Marni [259]  
 Walz, Jonathan [100]  
 Wambach, Thomas [209]  
 Wampler, Morgan [105]  
 Wandler, Cole [134]  
 Wang, Minghui [72]  
 Ward, Christine [215]  
 Ward, Sheila [148]  
 Warden, Robert [146]  
 Warinner, Christina [111]  
 Warmlander, Sebastian [146]  
 Warner, John [125]  
 Warner, Mark [175]  
 Warny, Sophie [265]  
 Washington, Michelle [232], [263]  
 Waterman, Anna [234]  
 Waters, Michael [139], [155], [181], [213]  
 Waters-Rist, Andrea [183]  
 Watkins, Christopher [52], [158]  
 Watkins, Joe [78], [184]  
 Watkins, Tim [137]  
 Watson, Andrew [176]  
 Watson, James [143], [147], [237]  
 Watson, Karen [96]  
 Wattenmaker, Patricia [198]  
 Watts, Christopher [55]  
 Watts, Joshua [118], [187]  
 Waweru, Veronica [133], [208]  
 Weaver, Eric [119], [266]  
 Webb, Emily [255]  
 Webb, Monica [187]  
 Webb, Paul [111]  
 Webber, Charlie [20], [248]  
 Weber, Jennifer [28]  
 Weber, Sadie [169]  
 Webster, David [191]  
 Webster, Laurie [18], [188], [203]  
 Weeks, Rex [60]  
 Wegener, Robert M. [80]  
 Weinstein, Richard [265]  
 Weir, Andrew [80]  
 Weisman, Brent [130]  
 Weismantel, Mary [24]  
 Weisskopf, Alison [111]  
 Weissner, Polly [12]

- Weitkamp, Matthew [5]  
Welch, Daniel [80]  
Welch, David [23]  
Welch, John [197]  
Wells, E. Christian [31], [92], [198], [223], [249]  
Wells, Helen [230]  
Wells, Joshua [144], [216]  
Wells, Michael [124]  
Wendt, Carl [96], [131], [186]  
Wernecke, D Clark [161]  
Werness, Maline [102]  
Wernke, Steven [227]  
Wescott, Konnie [162]  
Wesp, Julie [16]  
West, Catherine [181]  
Wester, Carlos [156]  
Westfall, Jowanna [163]  
Westwood, Lisa [242]  
Whalen, Verity [32], [267]  
Whallon, Robert [6]  
Wheelbarger, Linda [219]  
Wheeler, Charles [61]  
Wheeler, Jessica [28]  
Whelan, Carly [57], [62]  
Whistler, Emily [105]  
Whitaker, Adrian [263]  
Whitaker, Jason [34]  
Whitby, Wendy [260]  
White, Adam [134]  
White, Andrew [6], [17]  
White, Chantel [111], [169]  
White, Christine [16], [21], [35], [56], [255]  
White, Christine D [49]  
White, Devin [38]  
White, Paul [166]  
Whitehead, William [35]  
Whitley, Catrina [37]  
Whitley, David [48], [230]  
Whitley, Tamara [48]  
Whitley, Thomas [64], [80]  
Whitlow, Raymond [115]  
Whitridge, Peter [153]  
Whittaker, John [84]  
Whittington, Stephen [51]  
Whittle, Alasdair [255]  
Wiberg, Randy [194]  
Wichlacz, Caitlin [135]  
Wiederhold, Jim [59]  
Wiemann, Michael [265]  
Wieser, Anna [26]  
Wiewall, Darcy [190]  
Wiewel, Rebecca [187]  
Wigen, Rebecca [176]  
Wigley, Sarah M. [165]  
Wilcox, David [18]  
Wilde, James [118]  
Wilke, Sacha [183]  
Wilkins, Jayne [2], [108]  
Wilkinson, Darryl [211]  
Wilkinson, K. [114]  
Wilkinson, Patrick [124], [208]  
Wille, Sarah [268]  
Willems, Willem [110], [254]  
Willerslev, Eske [11], [262]  
Willey, P. [77]  
Williams, David [38]  
Williams, Howard [226]  
Williams, James [54]  
Williams, Justin [257]  
Williams, Louise [176]  
Williams, Patrick [267]  
Williams, Ryan [142]  
Williams, Sarah [180]  
Williams, Veronica [68]  
Williamson, Andrew [87]  
Williamson, Ron [55]  
Willis, Lauren [263]  
Willis, Mark [15]  
Willoughby, Pamela [109]  
Wills, Chip [53]  
Wilson, Andrew [236]  
Wilson, Diane [255]  
Wilson, Greg [229]  
Wilson, Ken [112], [259]  
Wilson, Monica [33]  
Wilson, Stacie [50]  
Windes, Thomas [99]

- Windingstad, Jason [80]  
 Winemiller, Terance [265]  
 Wingate, Ernest [57]  
 Wingfield, Laura [183]  
 Winker, Rebecca [163]  
 Winkler, Daniel [96]  
 Winkley, Marilyn [33]  
 Winter Jr., Eugene C.. [196]  
 Winterhalder, Bruce [123]  
 Witt, David [219]  
 Wobst, Martin [1], [252]  
 Wohlgemuth, Eric [256]  
 Wojtowicz, Robert [55]  
 Wolff, Nicholas [249]  
 Wolpoff, Milford [17]  
 Wolverson, Steve [19], [126], [135]  
 Wolynech, Renata [251]  
 Woods, Alexander [96]  
 Woods, James [22]  
 Woodson, M.K. [115], [199]  
 Woollett, James [25], [159]  
 Workinger, Andrew [5]  
 Worman, Scott [37]  
 Wren, Linnea [102]  
 Wright, David [21], [115], [139], [225]  
 Wright, David K. [223]  
 Wright, Henry [3]  
 Wright, Joshua [54]  
 Wright, Lori [56]  
 Wright, Patti [111]  
 Wriston, Teresa [4], [60]  
 Wrobel, Gabriel [56], [204]  
 Wu, Chia-Chin [35]  
 Wulffen, Jennifer [105]  
 Wygal, Brian [231]  
 Xie, Liye [69]  
 Yaeger, Jason [56], [191]  
 Yang, Dongya [178]  
 Yao, Alice [23]  
 Yellen, John [144]  
 Yeritsyan, B. [114]  
 Yerka, Stephen [216]  
 Yeske, Kate [181]  
 Yesner, David [124]  
 Yoder, David [179], [203]  
 York, Andrew L. [50]  
 Young, Craig [94], [262]  
 Young, Erica [80]  
 Young, Lisa [135], [139]  
 Young, Tatiana [131]  
 Younger, John [47]  
 Younie, Angela [181]  
 Yu, Pei-Lin [101], [251]  
 Yun, Ho Pil [149]  
 Zambelli, Amber [13]  
 Zamora, Fabian Marcelo [41]  
 Zaragoza, Diana [21]  
 Zaro, Gregory [223]  
 Zawadzka, Dagmara [60]  
 Zborover, Danny [200]  
 Zeanah, David [74]  
 Zedeno, Maria [18]  
 Zeder, Melinda [17]  
 Zegarra, Fredy Zegarra [269]  
 Zeitlin, Judith [200]  
 Zelazo, Emilie [256]  
 Zhang, Herong [23]  
 Zhang, Xiaoling [22], [218]  
 Zheng, Tongxiu [3]  
 Zhou, Cathy [2]  
 Zhu, Tiequan [142]  
 Zihlman, Adrienne [16]  
 Zimansky, Paul [258]  
 Zimmerman, Larry [78], [197]  
 Zipper, Carl [208]  
 Zori, Colleen [39]  
 Zovar, Jennifer [228]  
 Zralka, Jaroslaw [14]  
 Zuckerman, Molly [16]  
 Zufah, Charles [163]  
 Zutter, Cynthia [25]