

PROGRAM OF THE 80TH ANNUAL MEETING

**April 15-19, 2015
San Francisco, 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 80th Annual Meeting

Published by the

Society for American Archaeology

1111 14th Street NWE, Suite 800

Washington DC 20005-5622 USA

Tel: +1 202/789-8200

Fax: +1 202/789-0284

Email: headquarters@saa.org

WWW: <http://www.saa.org>

Copyright © 2015 Society for American Archaeology. All rights reserved. No part of this publication may be reprinted in any form or by any means without prior permission from the publisher.

Contents

4..... Awards Presentation & Annual Business Meeting Agenda

5..... 2015 Award Recipients

13..... Maps

19..... Meeting Organizers, SAA Board of Directors, & SAA Staff

23..... General Information

25..... Featured Sessions

27..... Summary Schedule

32..... A Word about the Sessions

34..... Sessions at a Glance

41..... Program

342 SAA Awards, Scholarships, & Fellowships

350..... Presidents of SAA

351..... Annual Meeting Sites

352..... Exhibit Map

353..... Exhibitor Directory

370..... SAA Committees and Task Forces

378..... Index of Participants

Awards Presentation & Annual Business Meeting

APRIL 17, 2015

5 PM Call to Order

Call for Approval of Minutes of the
2014 Annual Business Meeting

Remarks

President Jeffrey H. Altschul

Reports

Treasurer Jim Bruseth

Secretary Christina B. Rieth

Executive Director Tobi A. Brimsek

5:30 PM Presentation of Awards

Presidential Recognition Awards

Gene S. Stuart Award

Student Poster Award

Archaeology Week Poster Award

Student Paper Award

Ethics Bowl Trophy

Scholarships & Fellowships

Dissertation Award

Book Awards

Award for Excellence in Archaeological Analysis

Award for Excellence in Public Education

Crabtree Award

Fryxell Award for Interdisciplinary Research

Public Service Awards

Award for Excellence in Latin American and Caribbean
Archaeology

Lifetime Achievement Award

School for Advanced Research (SAR) Award

Presentation - Linda S. Cordell Prize

New Business

Ceremonial Resolutions

Transfer of Presidential Office

Remarks

President Diane Gifford-Gonzalez

6:30 PM Adjournment

2015 AWARDS

SAA award recipients are selected by individual committees of SAA members—one for each award. The Board of Directors wishes to thank the award committees for their hard work and excellent selections, and to encourage any members who have an interest in a particular award to volunteer to serve on a future committee.

PRESIDENTIAL RECOGNITION AWARD

Recipient: Willem Willems

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

PRESIDENTIAL RECOGNITION AWARD

Recipient: Frederich (Fritz) Luëth

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

PRESIDENTIAL RECOGNITION AWARD

Recipient: Jane Eva Baxter

The 2015 SAA Annual Meeting is the largest and most complex meeting in the Society's 80-year history. Jane Eva Baxter had more than 3,800 presentations to vet, order, and schedule along with meetings of more than 50 committees, task forces, and interest groups, as well as ancillary outside groups that request conference rooms during the annual meeting. Jane handled the pressure, worked with SAA staff, and engaged with members disappointed about the schedule with grace and dignity.

PRESIDENTIAL RECOGNITION AWARD**Recipient:** Brian I. Daniels

Brian I. Daniels is one of the leaders of the Penn Cultural Heritage Center and Smithsonian Institutions' efforts to assist Syrian archaeologists, museum curators, and heritage experts in the protection of archaeological and other cultural assets inside Syria. Since February 2013, the team has been working with Syrians to protect archaeological sites and materials from the ravages of war. They have held training sessions as well as visiting markets in Turkish border towns, where they have purchased curation materials to send back into the country with the Syrians so that they could pack and protect items in hiding places conducive to long term storage. The curators at the Ma'arra Museum, bombed by the Syrian government and attacked by ISIS, continue to receive advice and encouragement from Daniels and others on the protection of collections, and due to the team's efforts, there is hope that some of Syrian's past will be saved.

PRESIDENTIAL RECOGNITION AWARD**Recipient:** Salam al-Kuntar

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

PRESIDENTIAL RECOGNITION AWARD**Recipient:** Anibal Rodriguez

For nearly forty years, Anibal Rodriguez helped hundreds of scholars navigate the North American archaeological collections as Senior Research Technician at the American Museum of Natural History. From the most senior distinguished scholar to students working on their first research project, he has served the profession through his voluminous knowledge of the collections, his willingness to come early and stay late to facilitate research, his unflagging energy in tracking down artifacts and archives, and his sense of humor through it all. His inspired collections assistance has been acknowledged in dozens, perhaps hundreds, of trade books, dissertations, and professional journals. Anibal made sure that every researcher had the time, the space, and the access to conduct their research. Although his recent retirement means that we may see less of Anibal, there is no way to measure the impact his hard work over the last forty years has had on the profession.

GENE S. STUART AWARD**Recipient:** Andrew Lawler

Andrew Lawler, an award-winning science writer and correspondent for *Science* magazine, has earned the 2015 Gene S. Stuart Award for his ethically responsible and original story about the early maritime exploits of the Indian Ocean. "Sailing Sinbad's Seas" presents an engaging story about how archaeologists are studying ancient East-West trade relations. Shifting their focus from ancient Rome and China, cross-disciplinary researchers are exploring coastal swamps in Southeast Asia, beaches in Africa, and coral reefs near Sri Lanka with the goal of better understanding this important and expansive trade network. Andrew Lawler has delivered to the public a well-balanced article detailing the pursuit of the past in a way that all archaeologists can respect.

GEOARCHAEOLOGY INTEREST GROUP M.A./M.S. RESEARCH AWARD**Recipient:** Alexander Delgado**DENJE KENYON FELLOWSHIP****Recipient:** Allison L. Wolfe**FRED PLOG MEMORIAL FELLOWSHIP****Recipient:** Saul L. Hedquist**DOUGLAS KELLOGG FELLOWSHIP****Recipient:** Bryn Letham**ARTHUR C. PARKER SCHOLARSHIP FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS****Recipient:** Brittney Diesbourg**NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS****Recipient:** Alicia Gooden**NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS****Recipient:** Kristen Green**NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS****Recipient:** Anita Johnson-Henke**NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS****Recipient:** Regina Mad Plume**NSF SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS****Recipient:** Peter Nelson

SAA NATIVE AMERICAN UNDERGRADUATE ARCHAEOLOGY SCHOLARSHIP

Recipient: Grey Don Johnson

SAA NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP

Recipient: Garrett W. Briggs

DISSERTATION AWARD

Recipient: Alan Farahani

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

BOOK AWARD: SCHOLARLY CATEGORY

Recipient: Steven A. Wernke

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

BOOK AWARD: PUBLIC AUDIENCE CATEGORY

Recipient: Dimitra Papagianni and Michael A. Morse

In "The Neanderthals Rediscovered: How Modern Science is Rewriting their Story," authors Dimitra Papagianni and Michael A. Morse give an excellent overview of recent Middle Paleolithic and Neanderthal findings. Aimed at an educated lay audience, the book presents a trove of information on this ever-

fascinating topic in lively, highly readable prose and well-selected images. Piquing curiosity but never misleading, the authors guide the reader through the origins, lives, extinction, and modern representation of our Neanderthal relatives with confidence and verve, and they take a sensible, even-handed approach to controversial topics. Our high praise goes to this well-produced book that strikes an excellent balance between broad popular appeal and satisfyingly rich content.

AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS

Recipient: Barbara J. Mills

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

AWARD FOR EXCELLENCE IN PUBLIC EDUCATION

Recipient: Kansas Archeology Training Program

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

CRABTREE AWARD

Recipient: Tom Middlebrook

Tom Middlebrook has earned the SAA's Crabtree Award for his outstanding record of furthering archaeological research on contact between the Hasinai or East Texas Caddo and French and Spanish colonial representatives in "Deep East Texas." He has carried out extensive fieldwork at Caddo, Spanish, and French colonial sites and contributed his findings to technical reports and

numerous professional publications and conferences (including SAA meetings). He has also variously founded, supported, and led the East Texas Archaeological Society, the Nacogdoches County Historical Association, and the Nacogdoches County Historical Commission. His reach extends well beyond his Nacogdoches hometown, however, as a member and past president of the Dallas and Texas Archeological Societies; as a longtime contributor to the Caddo Conference Organization; and as a 25-year member and officer of the Texas Archeological Stewardship Network. Tom Middlebrook's avocational career is rich and diverse, clearly embodying the across-the-board contributions of the award's namesake, Don Crabtree.

THE FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH

Recipient: David Hurst Thomas

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

PUBLIC SERVICE AWARD

Recipient: Glenn Morgan

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

PUBLIC SERVICE AWARD

Recipient: Arlene Fleming

As a Cultural Resource and Development Specialist for the World Bank, Arlene Fleming has served a crucial role in the advancement of bank cultural heritage policy and compliance. She clearly articulated bank policy during her presentation at the SAA-sponsored workshop, *Improving Standards and Practices of Cultural Heritage Compliance in Latin America* in Lima, Peru. She

also has on numerous occasions assisted the SAA in navigating the structure of the World Bank, the direction the bank is trending with regard to environmental and social safeguards, and the best strategy of engagement for advancing cultural heritage.

PUBLIC SERVICE AWARD

Recipient: Jonathan Renshaw

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

PUBLIC SERVICE AWARD

Recipient: Elsa Chang

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

AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY

Recipient: Jeffrey Parsons

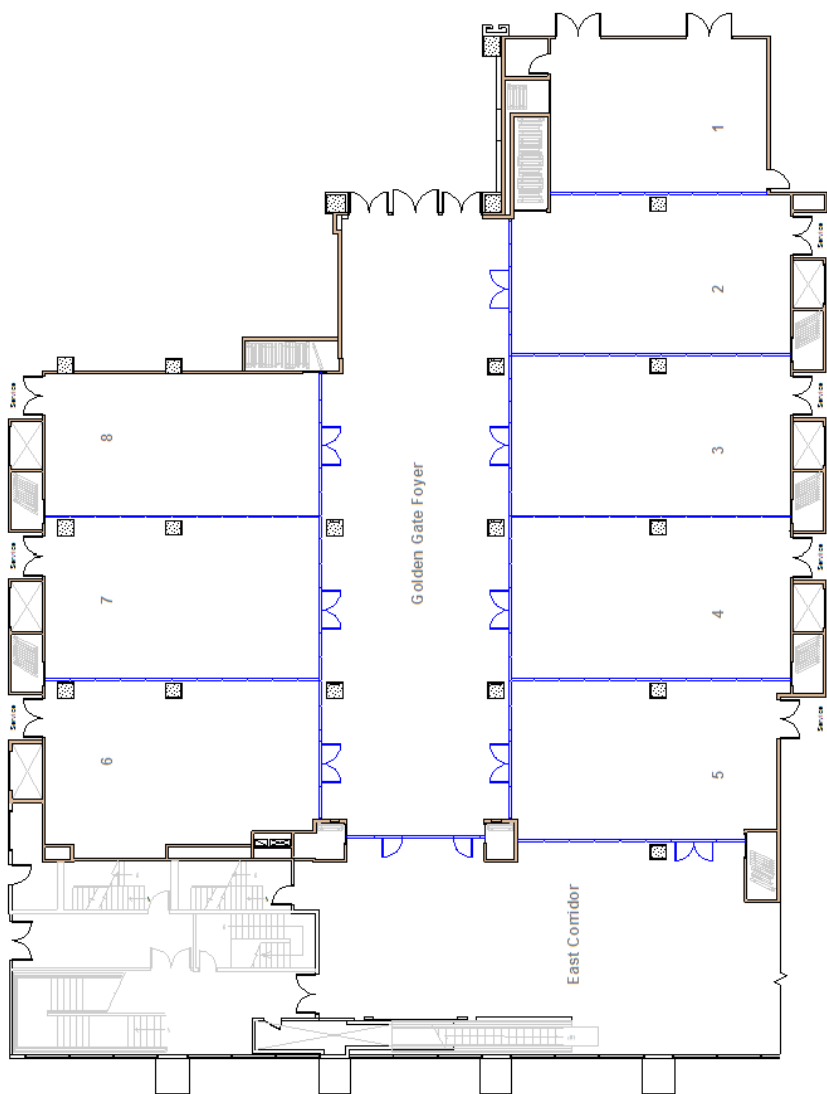
Jeffrey Parsons deserves the Award for Excellence in Latin American and Caribbean Archaeology for his combination of scholarship, service to the profession, and academic influence on colleagues all over the Americas. Dr. Parsons' long-lasting contributions to Mexican and Peruvian archaeology extend back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

LIFETIME ACHIEVEMENT AWARD**Recipient:** Bruce D. Smith

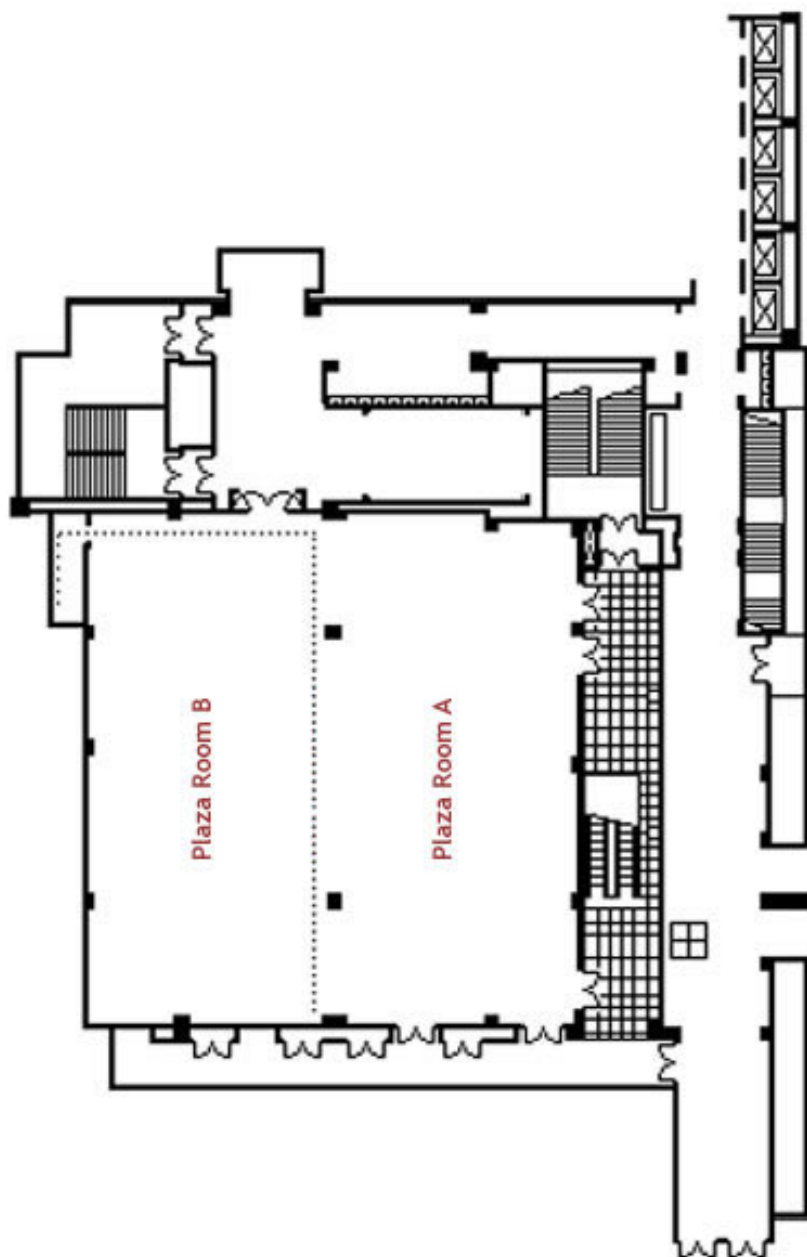
Bruce D. Smith is the recipient of the 2015 SAA Lifetime Achievement Award, the most prestigious award the Society offers. There are few archaeologists who can match Smith's remarkable record of scholarly achievements, his outstanding contributions to the SAA, and his contributions to the profession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

THE SCHOOL FOR ADVANCED RESEARCH (SAR) WILL PRESENT ITS FIRST LINDA S. CORDELL PRIZE AT THE SAA AWARDS CEREMONY**Recipient:** Julia A. Hendon

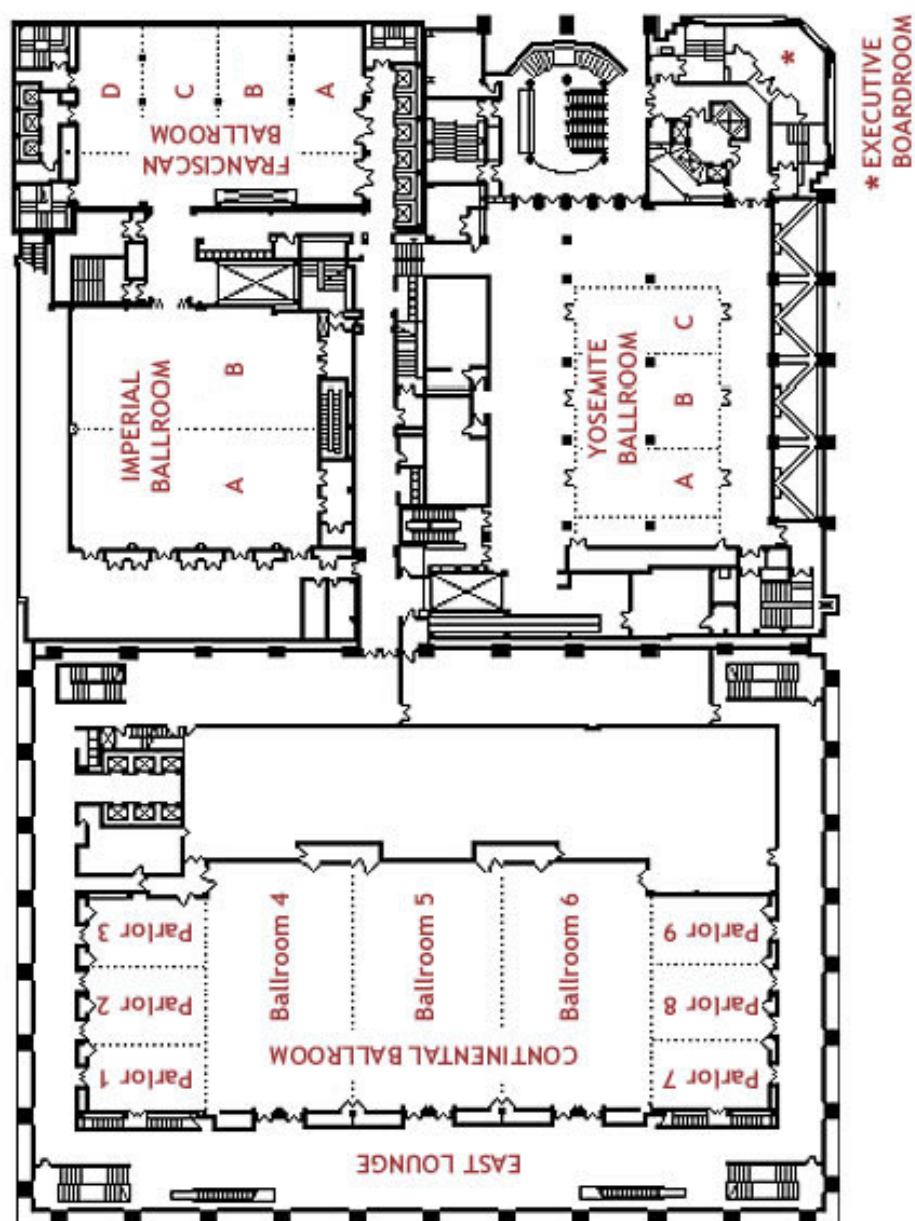
The School for Advanced Research presents its first Linda S. Cordell Prize to Dr. Julia A. Hendon for her book *Houses in a Landscape: Memory and Everyday Life in Mesoamerica*. The prize is awarded to a living author for a book in archaeology or anthropological archaeology that best exemplifies excellence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



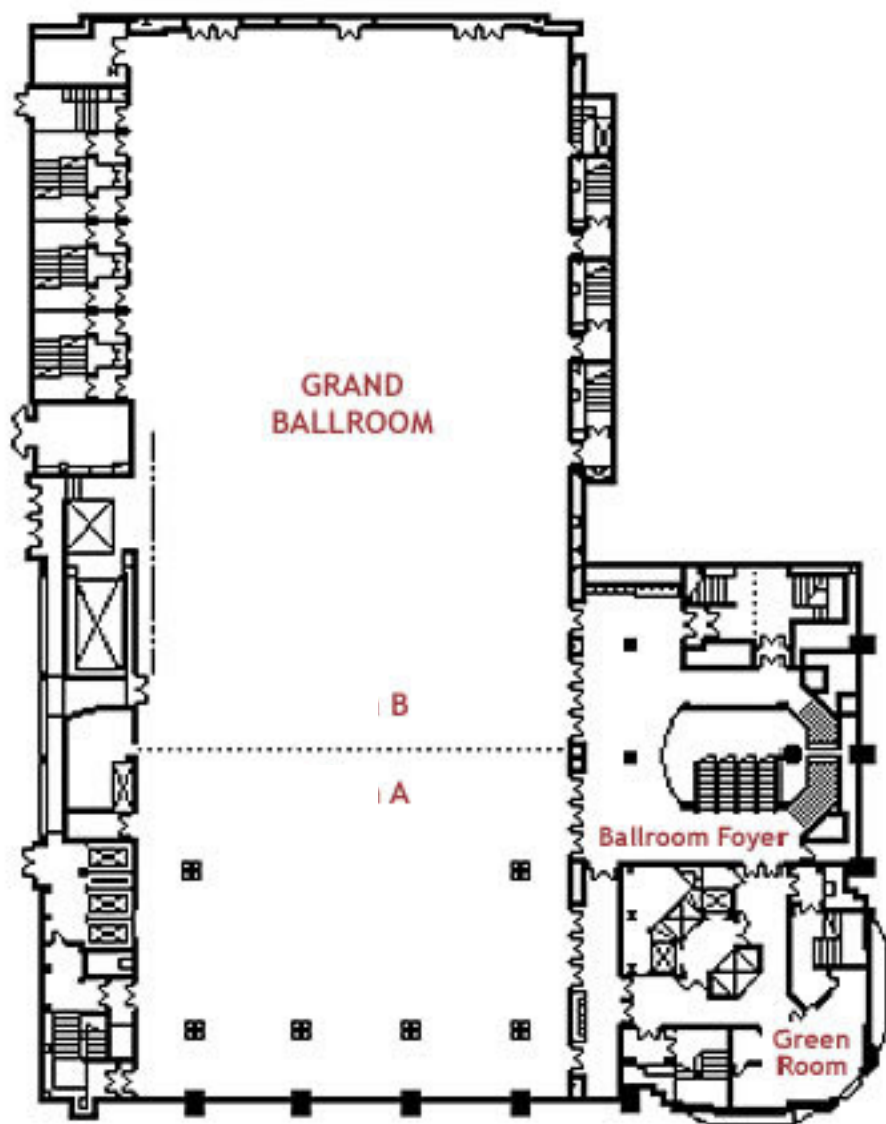
Golden Gate Ballroom
Hilton San Francisco Union Square



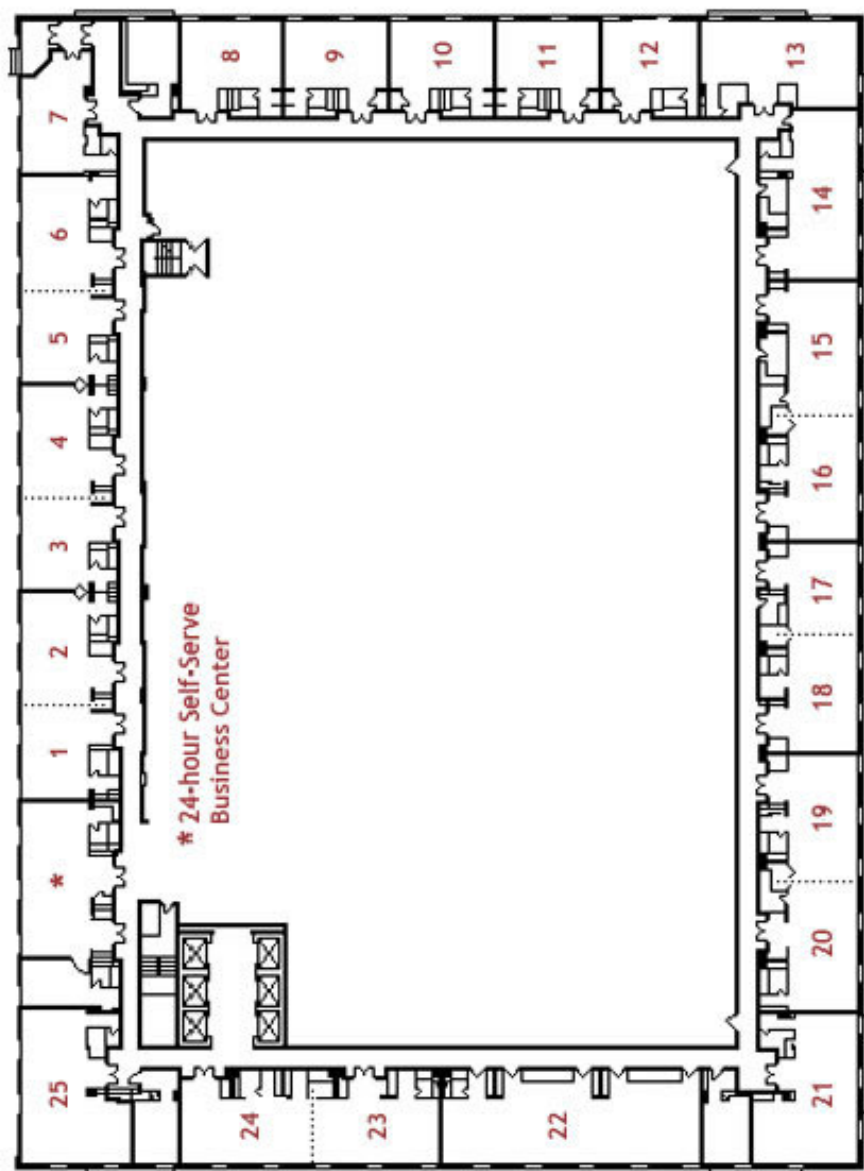
Lobby Level
Hilton San Francisco Union Square



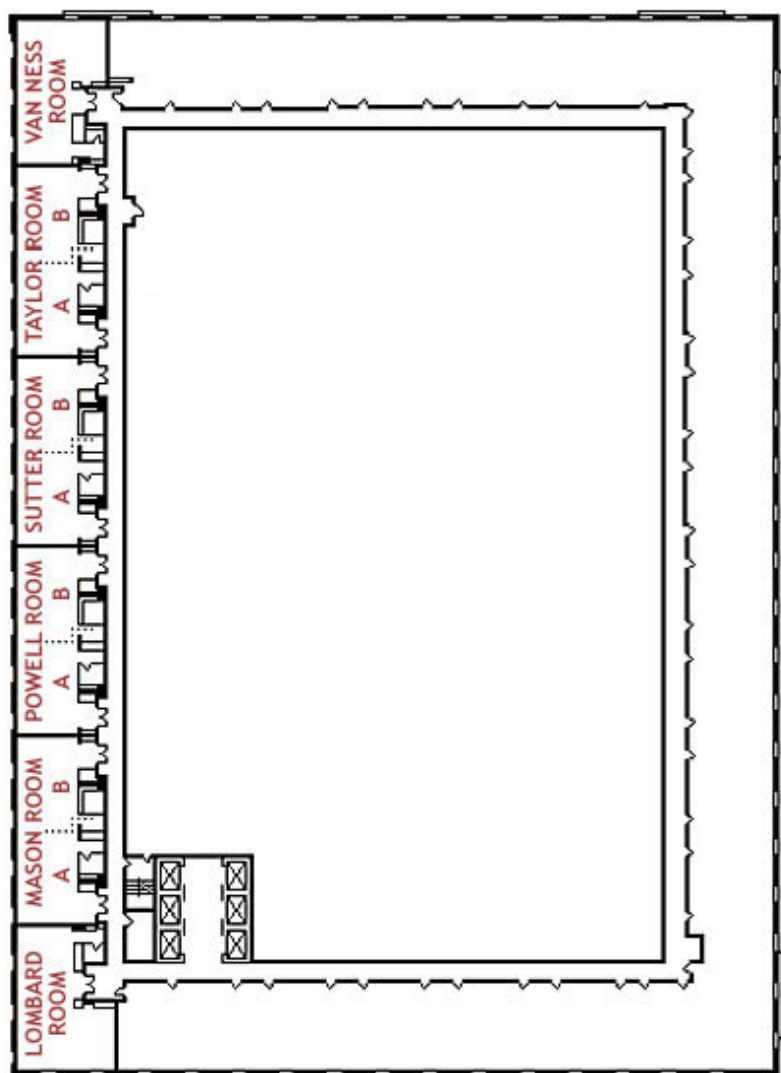
Ballroom Level
Hilton San Francisco Union Square



Grand Ballroom
Hilton San Francisco Union Square



Fourth Floor
Hilton San Francisco Union Square



Sixth Floor
Hilton San Francisco Union Square

**SOCIETY FOR AMERICAN ARCHAEOLOGY
80TH ANNUAL MEETING**

**Program Committee
Chair**

Jane Eva Baxter
DePaul University

Morag M. Kersel
DePaul University

Amanda L. Logan
Northwestern University

Program Assistant

Shaza Wester Davis
University of North Florida

Jeanne Lopiparo
Rhodes College

Committee Members

Mitch Allen
Left Coast Press, Inc.

Christopher Milan
Yale University

Traci Ardren
University of Miami

John W. Norder
Michigan State University

Caryn M. Berg, RPA
Left Coast Press

Tricia E. Owlett
Stanford University

Mary Jane Berman
Miami University

William A. Parkinson
Field Museum of Natural History

Bradley Chase
Albion College

Megan A. Perry
East Carolina University

Zoë Crossland
Columbia University

Paula Porubcan
Illinois Transportation Archaeological
Research Program

Sarah Croucher
Wesleyan University

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

Kristin De Lucia
University of Illinois

Charles R. Riggs, RPA
Fort Lewis College

Colleen Delaney
California State University

Yorke Rowan
The Oriental Institute

Ronald K. Faulseit, Jr.
The Field Museum

Rachel E. Scott
DePaul University

Meredith Ellis
Hobart and William Smith Colleges

David B. Small
Lehigh University

Jacob Fisher
Sacramento State University

Travis W. Stanton
University of California Riverside

Lisa M. Fontes
University of New Mexico

Sarah L. Surface-Evans
Central Michigan University

Perry L. Gnivecki, RPA
Miami University

John J. Taylor-Montoya, RPA
R. Christopher Goodwin & Assoc., Inc.

Mark Hylkema, RPA
Associate State Archaeologist California
Department of Parks and Recreation

Clare Tolmie, RPA
Michigan State University

Melissa A. Vogel
Clemson University

Megan Victor
William and Mary University

Elizabeth L. Watts
Indiana University Bloomington

Alice Yao
University of Chicago

**Local Advisory Committee
Chair**

Colin I. Busby
Basin Research Associates

SAA Board of Directors

Officers

Jeffrey H. Altschul, RPA
President

Diane Gifford-Gonzalez, RPA
President-Elect

Christina B. Rieth, RPA
Secretary

Patricia A. Gilman, RPA
Secretary-Elect

Jim Bruseth, RPA
Treasurer

Board Members-at-large

S. Terry Childs, RPA
Chip Colwell
Suzanne K. Fish
Sarah A. Herr, RPA
Rodrigo Liendo
Daniel H. Sandweiss

Ex-officio Board Member

Tobi A. Brimsek

Staff

Tobi A. Brimsek, CAE
Executive Director

Liz Haberkorn
Manager, Publications

David Lindsay
Manager, Government Affairs

Maureen Malloy
Manager, Education and Outreach

Cheng Zhang
Manager, Information Services

Brianna Kelley
Coordinator, Communications

Jonathon Koudelka
Coordinator, Financial and
Administrative Services

Ahryel Tinker
Coordinator, Membership and Meetings

Elisabeth Herschbach
Editorial Specialist

**SAA'S BOARD OF DIRECTORS WOULD LIKE TO THANK THE
FOLLOWING SPONSORS FOR THEIR GENEROUS SUPPORT OF THE
STUDENT RECEPTION:**

Cotsen Institute of Archaeology, University of California,
Los Angeles

Denver Museum of Nature and Science
Institute for Field Research

Alpine Archaeological Consultants, Inc.

Anthropology Department, Northern Arizona University

Anthropology Department, University of California, Santa Cruz

Archaeological Investigations Northwest, Inc.

Archaeological Research Facility, University of California,
Berkeley

Archaeology Department, Sam Noble Oklahoma Museum of
Natural History

Arizona State University, School of Human Evolution and Social
Change

Louis Berger

Jim Bruseth

Burke Museum of Natural History and Culture, University of
Washington

California State University-Fullerton, Archaeology Program and
the Cooper Center for Paleontology and Archaeology

The Center for Digital Antiquity/tDAR digital repository, School of
Human Evolution and Social Change, Arizona State University

Commonwealth Cultural Resources Group, Inc.

Cultural Resource Analysts, Inc.

Department of Anthropology, Indiana University of Pennsylvania

Department of Anthropology, Michigan State University

Department of Anthropology, Pennsylvania State University

Department of Anthropology, Southern Methodist University

Department of Anthropology, University of California, Berkeley

Department of Anthropology, University of California, Santa
Barbara

Department of Anthropology, University of Colorado, Boulder

Department of Anthropology, University of Florida

Department of Anthropology, University of Michigan

Department of Anthropology, The University of Montana

Department of Anthropology and the Coldiron Endowment for
Paleoindian Archaeology, University of Oklahoma
Department of Anthropology, University of Oregon
Department of Anthropology, University of Pittsburgh
Department of Anthropology, University of Wyoming
Desert Archaeology, Inc.
Suzanne and Paul Fish
Patricia Gilman and Paul Minnis
Gray and Pape, Inc.
Thor Heyerdahl
Mercyhurst Archaeological Institute, Mercyhurst University
Metcalf Archaeological Consultants, Inc.
Dr. Jerry Moore and Dr. Janine Gasco
Museum of Anthropology, University of Missouri
Museum of Art and Archaeology, University of Missouri
Pacific Legacy
Register of Professional Archaeologists
Christina Rieth
School of Anthropology, University of Arizona
Statistical Research, Inc.
SUNY Buffalo Anthropology and Institute for European and
Mediterranean Archaeology (IEMA)
Versar, Inc

STUDENTS, JOIN US!

All student attendees are invited to attend this mixer hosted by SAA's Board of Directors in cooperation with the SAA Student Affairs Committee. Have a drink (soft drinks provided; if of age, you may use your soft drink ticket toward the purchase of a beer or glass of wine). Meet SAA's leadership. Have a snack; there will be Italian and Mediterranean hors-d'oeuvres. Meet a mentor. Network with other students. Learn more about SAA. Students are the future of SAA. On average, members attend more than 20 SAA meetings in their careers. Let this be one of the starting points of your engagement!

GENERAL INFORMATION

MEETING ROOM LOCATIONS

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

ABSTRACTS

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

Onsite, in the Yosemite Foyer, will be an **Abstract Viewing Center** where you will be able to reference the abstracts at your convenience through a group of computers provided for that purpose.

AWARDS CELEBRATION & ANNUAL BUSINESS MEETING

The Society's annual awards presentation and business meeting will be held at 5 pm on Friday in Imperial Ballroom AB.

CULTURAL RESOURCES MANAGEMENT CAREER EXPO

Sponsored by the American Cultural Resources Association (ACRA), the CRM Expo will be held from 1:00 pm–4:00 pm in the East Lounge/Foyer of the Continental Ballroom 4,5,6, Saturday, April 18. Representatives from CRM firms will be available to chat informally and individually with Expo attendees about their organizations, career paths available, etc. A full list of Expo exhibitors is located in the program update. You do not need to be registered for the SAA Annual Meeting to attend the CRM Expo. You may register at meeting registration for the Expo on April 18 from 12 pm–3:30 pm that day at no charge. The Expo registration will only admit you to the Expo.

BADGE USE

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

EMERGENCY INFORMATION CARD

In your registration packet, on your badge and ticket sheet, SAA has included an Emergency Information Card. Please fill out this card completely and slip it behind your badge in your badge holder. Should this information be required, it will then be readily accessible. Thank you.

EXHIBITS

The SAA Annual Meeting Exhibit Hall provides an exciting array of products and services for you to review—you'll find technology, field equipment, publications, archaeological services, and more! All the tools and information you are looking for will be on display Thursday, April 16 from 9 am to 5 pm; Friday, April 17 from 9 am to 5 pm; and Saturday, April 18 from 9 am to 5 pm in Grand Ballroom B.

GUEST BADGES

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

NEW MEMBER AND FIRST TIME ATTENDEE MEETING ORIENTATION

Come and get the scoop on how to navigate the annual meeting from 5:30 pm to 6:00 pm in Golden Gate 4 on

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

OFFICE

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

OPENING SESSION/PRESIDENT'S FORUM

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

POSTER SESSIONS

ALL POSTER SESSIONS ARE TWO HOUR SLOTS.

Poster sessions will be conducted in Grand Ballroom A beginning on Thursday. Each session contains different posters, whose authors and space assignments are listed in the program. Please check the program or *Sessions at a Glance* for the poster session schedule.

PRESS OFFICE

The Press Office, located in the Yosemite Coat Room, will be open Wednesday through Saturday, 9 am to 5 pm, and on Sunday, 9 am to 12 noon, staffed by Brianna Kelly, SAA's coordinator, Communications.

REGISTRATION

Registration is located in the Yosemite Foyer. Registration hours: Wednesday, 2 pm to 8 pm; Thursday, 7 am to 8 pm; Friday, 7 am to 4:00 pm; Saturday, 7 am to 4:00 pm; and Sunday, 7 am to 8 am. Individuals who registered by March 16, 2015 can pick up their registration packets at the Advance Registration counters. Individuals who have not registered in advance should report to the Onsite Registration desk. *A badge is required for admission to meeting sessions, workshops, excursions, and exhibits.* A \$5 fee will be charged to replace a badge or program book.

SESSION CHAIRS

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

SILENT AUCTION!

Visit the Native American Scholarships Committee (NASC) Booth 617 in the Exhibit Hall, Grand Ballroom B to place your bids while contributing to a worthy cause. How does the silent auction work? First, sign up for a bidder number at the NASC booth. Then, when you see something you want, decide how much you'd like to spend and write your bid and bidder number on the bid sheet. Of course, once others see your bid, they might decide to make an offer as well. So, you'll have to stop by the booth from time to time to see if your bid is still the highest. If not, raise it, and keep on trying. The bidding ends Saturday at noon.

SMOKING POLICY

Smoking is prohibited.

SPEAKER READY ROOM

For presenters who wish to check a presentation, LCD projectors and screens will be available in the speaker ready room in the Green Room. The Speaker Ready Room will be open on Wednesday from 2 pm to 8 pm, from 7 am to 9 pm on Thursday, from 7 am to 6 pm on Friday and Saturday, and from 7 am to 11:45 am on Sunday.

STUDENT WELCOME RECEPTION – ALL STUDENT ATTENDEES

All student attendees are invited to attend a mixer hosted by SAA's Board of Directors in cooperation with the SAA Student Affairs Committee. From 9:00 pm to 10:00 pm in Plaza A, meet SAA leadership, network with colleagues, and learn more about SAA! Soft drinks provided, or you can use your soft drink ticket toward the purchase of a glass of wine or a beer, if you are of age. Don't forget to pre-register for this event to get a drink ticket in your packet!

FEATURED SESSIONS***Opening Session/President's Forum*****Date:** Wednesday, April 15, 2015**Time:** 6:30 pm–8:30 pm**Location:** Imperial Ballroom AB

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

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

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

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

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

CELEBRATE ARCHAEOLOGY BY USING YOUR BALLOT!

As in the past, your registration package includes a ballot for the Archaeology Week/ Month Poster Contest. In the Exhibit Hall (Grand Ballroom B), these colorful advertisements for archaeology will be displayed beginning on Thursday morning. Use your ballot to vote for the one you like best. The ballot box is located near the poster display. The balloting will close at 12 pm on Friday, and the winners will be honored at the Annual Business Meeting and Awards Celebration at 5 pm on Friday. The poster contest is co-sponsored by SAA's Public Education Committee and the Council of Affiliated Societies.

MEETING SERVICES: HOURS OF OPERATION

	Wednesday	Thursday	Friday	Saturday	Sunday
Abstract Viewing Center	2pm to 8pm <i>Yosemite Foyer</i>	7am to 10pm <i>Yosemite Foyer</i>	7am to 4pm <i>Yosemite Foyer</i>	7am to 5pm <i>Yosemite Foyer</i>	7am to 11am <i>Yosemite Foyer</i>
Registration	2pm to 8pm <i>Yosemite Foyer</i>	7am to 8pm <i>Yosemite Foyer</i>	7am to 4pm <i>Yosemite Foyer</i>	7am to 4pm <i>Yosemite Foyer</i>	7am to 8am <i>Yosemite Foyer</i>
Speaker Ready Room	2pm to 8pm <i>Green Room</i>	7am to 9pm <i>Green Room</i>	7am to 6pm <i>Green Room</i>	7am to 6pm <i>Green Room</i>	7am to 11:45am <i>Green Room</i>
Press Office	9am to 5pm <i>Yosemite Coat Room</i>	9am to 5pm <i>Yosemite Coat Room</i>	9am to 5pm <i>Yosemite Coat Room</i>	9am to 5pm <i>Yosemite Coat Room</i>	9am to noon <i>Yosemite Coat Room</i>
Exhibits		9 am to 5pm <i>Grand Ballroom B</i>	9am to 5pm <i>Grand Ballroom B</i>	9am to 5pm <i>Grand Ballroom B</i>	
CRM EXPO				1:00pm to 4:00pm East Lounge/Foyer of Continental Ballroom 4,5,6	

THANK YOU!

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

Summary Schedule

Monday, April 13

8:00am–5:00pm

Union Square 2

US Forest Service Heritage Program Meeting

6:00pm–8:00pm

Union Square 4

Paleoanthropology Society: Graduate Professional Development Session

Tuesday, April 14

7:00am–6:00pm

Imperial Ballroom A

Paleoanthropology Society Annual Meeting

8:00am–5:00pm

Union Square 2

US Forest Service Heritage Program Meeting

8:30am–4:30pm

Yosemite Ballroom B

Association of Transportation Archaeologists (ATA) Annual Meeting

3:30pm–6:30pm

Imperial Ballroom B

Paleoanthropology Society Poster Session

6:00pm–9:00pm

Executive Committee Meeting

Wednesday, April 15

2:00 pm–8:00 pm

Yosemite Ballroom Foyer

Meeting Registration

6:00 pm–10:00pm

**Child care available through
Accent on Children's Arrangements Inc.**

7:00am–8:00am

Golden Gate 1

SAA Board of Directors New Board Member Orientation

8:00am–4:45pm

Golden Gate 1

SAA Board of Directors Meeting

7:00am–6:30pm

Plaza A

Paleoanthropology Society Annual Meeting (con't)

8:00am–5:00pm

Union Square 2

US Forest Service Heritage Program Meeting

8:30am–4:30pm

Yosemite Ballroom B

Association of Transportation Archaeologists Annual Meeting

8:30am–5:00pm

Union Square 5-6

Project Archaeology Coordinators Meeting

9:00am–4:00 pm

Union Square 3

NPS Archaeologist Meeting

9:00am–5:00pm

Yosemite Coat Room

Press Office

1:00pm–4:00pm

Golden Gate 3

National Association of State Archaeologists Annual Meeting

1:00pm–5:00pm

Golden Gate 2

Workshop Computational Photography Techniques for Scientific Recording and Analysis: Reflectance Transformation Imaging (RTI), Algorithmic Rendering (AR) and Photogrammetry

1:00pm–5:00pm

Continental Ballroom Parlor 3

Workshop Best Practices for the Curation of Digital Archaeological Data and Information

2:00pm–4:00pm

Excursion San Francisco Architectural Walking Tour

5:30pm–6:00pm

Golden Gate 4

First-time Attendees/New Member Meeting Orientation

6:30pm–8:30pm

Imperial Ballroom AB

President's Forum/Opening Session

9:00pm–10:00pm

Plaza A

New! Student Attendee Welcome from

SAA's Board of Directors – All Students
Welcome!

Thursday, April 16

7:00am–8:00pm

Yosemite Foyer

Meeting Registration

7:30am–10:30 pm

Child care available through

Accent on Children's Arrangements Inc.

7:30am–12:00pm

Lombard Room

Ethics Bowl Preliminary Rounds (Room 1)

7:30am–12:00pm

Van Ness Room

Ethics Bowl Preliminary Rounds (Room 2)

8:00am–10:00am

Union Square 20

Council of Councils Meeting

8:00am–12:00pm

Symposia

9:00am–5:00pm

Yosemite Coat Room

Press Office

9:00am–5:00pm

Grand Ballroom B

Exhibit Hall

12:00pm–1:00pm

Union Square 19

Zooarchaeology and Bone Technology

Interest Group Meeting

12:00pm–1:00pm

Union Square 3

Resume/CV Review – CRM

No fee; Pre-registration required

12:00pm–1:00pm

Union Square 4

Resume/CV Review – Government

No fee; Pre-registration required

1:00pm–3:00pm

Continental Ballroom Parlor 8

Ethics Bowl

1:00pm–5:00pm

Symposia

2:00pm–3:00pm

Union Square 19

Latin American Antiquity Editorial Board

Meeting

4:00pm–6:00pm

Union Square 8

Committee on Curriculum Meeting

4:00pm–6:00pm

Union Square 9

Ethics Committee Meeting

4:00pm–6:00pm

Sutter Room A

Fred Plog Memorial Fellowship Committee

4:00pm–6:00pm

Union Square 11

Government Affairs Committee Meeting

4:00pm–6:00pm

Union Square 12

Investment and Finance Committee

Meeting

4:00pm–6:00pm

Union Square 17

Minority Scholarships Committee Meeting

4:00pm–6:00pm

Lombard Room

Committee on Museums, Collections, and

Curation Meeting

4:00pm–6:00pm

Union Square 18

Committee on Native American Relations

Meeting

4:00pm–6:00pm

Union Square 10

Native American Scholarships Committee

Meeting

4:00pm–6:00pm

Union Square 19

Public Education Committee Meeting

4:00pm–6:00pm

Taylor B

Committee on the Status of Women in

Archaeology (COSWA)

4:00pm–6:00pm

Sutter Room B

Student Affairs Committee Meeting

4:00pm–6:00pm

Taylor Room A

Student Paper Award Committee

5:00pm–6:00pm

Union Square 5-6

Island and Coastal Archaeology Interest

Group Meeting

5:00pm–6:30pm

Union Square 20

Society for Archaeological Sciences
Annual Business Meeting

5:00pm–9:00pm

Excursion A Night at the Museum

(sponsored by the Zooarchaeology Interest
Group)

6:00pm–7:00pm

Mason Room

Indigenous Populations Interest Group
Meeting

6:00pm–7:30pm

Union Square 15-16

Women in Archaeology Interest Group
Reception and Business Meeting

6:00pm–8:00pm

Union Square 4

Ethics Committee Supplemental Meeting

6:00pm–10:00pm

Symposia

Friday, April 17

7:00am–4:00pm

Yosemite Foyer

Meeting Registration

7:30am–7:00pm

Child care available through

Accent on Children's Arrangements Inc.

7:45am–12:15pm

Excursion Alcatraz Tour

8:00am–10:00am

Union Square 19

International Government Affairs
Committee Meeting

8:00am–12:00pm

Symposia

9:00am–11:00am

Union Square 5-6

Committee on the Americas Meeting

9:00am–12:00pm

Union Square 8

AAA-AD Executive Board Meeting

9:00am–12:00pm

*Excursion Presidio Archaeology Lab and
Officer's Club*

9:00am–5:00pm

Yosemite Coat Room

Press Office

9:00am–5:00pm

Exhibit Hall

12:00pm–1:00pm

Union Square 9

Prehistoric Quarries and Early Mines
Interest Group Meeting

12:00pm–1:00pm

Union Square 3-4

Queer Archaeology Interest Group Meeting

12:00pm–1:00pm

Union Square 19

Fiber Perishables Interest Group Meeting

12:00pm–1:00pm

Union Square 10

Heritage Values Interest Group Meeting

12:00pm–1:00pm

Union Square 11

History of Archaeology Interest Group
Meeting

12:00pm–1:00pm

Union Square 20

Military Archaeology Resources (MARS)
Stewardship Interest Group Meeting

12:00pm–1:30pm

Mason AB

International Association of Obsidian
Studies Annual Meeting

1:00pm–3:00pm

Sutter Room

Publications Committee Meeting

1:00pm–3:00pm

Union Square 8

Repatriation Committee Meeting

1:00pm–5:00pm

Symposia

1:00pm–3:00pm

Union Square 5-6

PEC State Network Coordinators Meeting

2:00pm–4:00pm

Yosemite Coat Room

Media Relations Committee Meeting

3:00pm–4:30pm

Union Square 3-4

Forensic Archaeology Recovery Annual
Meeting

5:00pm–6:30pm

Imperial Ballroom AB

Annual Business Meeting and Awards Presentation

6:45pm–7:45pm

Union Square 17-18

Rock Art Interest Group Meeting

6:45pm–8:45pm

Union Square 15-16

Society of Africanist Archaeologists

Reception

6:45pm–8:45pm

Union Square 19-20

Native American Welcome Reception

7:00pm–9:00pm

Union Square 5-6

Geoarchaeology Interest Group Meeting

7:00pm–9:00pm

Continental Ballroom Parlor 1

Digital Data Interest Group: Meeting and

Lightning Round

Saturday, April 18

7:00am–4:00pm

Yosemite Foyer

Meeting Registration

7:30am–6:00pm

Child care available through

Accent on Children's Arrangements Inc.

7:00am–8:00am

Union Square 15-16

Committee Chair/Interest Group Organizer

Breakfast with the Board

(by invitation)

8:00am–12:00pm

Symposia

8:15am–4:45pm

Union Square 17-18

SAA Board of Directors Meeting

9:00am–11:00am

Excursion San Francisco Architectural

Walking Tour

9:00am–5:00pm

Grand Ballroom B

Exhibit Hall

10:00am–11:00am

Union Square 3-4

Advances in Archaeological Practice

Editorial Board Meeting

10:00am–11:00am

Union Square 6

Current Research Online (CRO) Meeting

12:00pm–1:00pm

Union Square 15-16

Exploratory Meeting: Teaching

Archaeology Interest Group (TAIG)

12:00pm–1:00pm

Union Square 8

Resume/CV Review – Academic

No fee; Pre-registration required

12:00pm–1:00pm

Union Square 9

Resume/CV Review – Museum

No fee; Pre-registration required

1:00pm–2:00pm

Union Square 3-4

Public Archaeology Interest Group Meeting

1:00pm–4:00pm

East Lounge/Foyer of Continental Ballroom

4, 5, 6

CRM Expo

1:00pm–5:00pm

Symposia

5:30pm–7:00pm

Union Square 5-6

Get-together for Archaeologists of East

and Southeast Asia

5:30pm–7:00pm

SAR Hosted Event

Linda S. Cordell Prize Reception

First Crush Restaurant & Wine Bar

101 Cyril Magnin St.

Hors d'oeuvres served. Cash bar.

Sunday, April 19

7:00am–8:00am

Yosemite Foyer

Meeting Registration

7:30am–12:30pm

Child care available through

Accent on Children's Arrangements Inc.

9:00am–11:45am

Yosemite Coat Room

Press Office

A WORD ABOUT THE SESSIONS

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

Forum—An interactive format organized around a tightly focused theme. Formal presentations are kept to a minimum to encourage discussion between presenters and audience. Forums are two hours.

General Session—Consists of Posters and Contributed Papers (15 minutes), each submitted individually by its author(s). Presentations are grouped together by the program chair around a particular theme, usually geographic or methodological. Session chairs are designated by the program chair.

Symposium—A group of 15-minute presentations on a well-defined theme submitted together by a chair. Also includes poster presentations submitted as a group and organized around a single theme.

Electronic Symposium—A discussion format in which the organizer posts the papers on the web at least one month before the meeting. No papers are read at electronic symposium as it is assumed that attendees will have read the material beforehand. Generally a few minutes summary of the papers are the introduction to the two-hour discussion session.

Debate—A Debate is a format designed to encourage debate and discussion of current issues. A Debate consists of a moderator and discussants representing at least two different perspectives. No papers are listed with the session. Debate sessions may have no fewer than 4 discussants and no more than 6 discussants. Debates are two hours long.

Any of these sessions may be “sponsored” and/or “invited.” The designation “sponsored” indicates the support of an SAA committee, or an organization outside SAA. The designation “invited” reflects a special status and role within the meeting, as defined by the Program Committee Chair. All sponsored and invited sessions are subject to review by the Program Committee, as are all other submissions, and are subject to the three-role rule. Because numerous committees wish to sponsor sessions, the Program Committee must balance such requests with other program goals; as a result, in some circumstances, requests for sponsored sessions may be rejected. The only exceptions to the review process and three-role rule are the opening and plenary sessions.

Note: All poster sessions are 2 hours in duration. Please check the schedule for these sessions in Sessions at a Glance.

SAA's 81st Annual Meeting in 2016!

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

Sessions at Glance: Wednesday Evening, April 15 and Thursday Morning, April 16

Wednesday April 15	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00
Imperial AB		1 President's Forum: Orderly Anarchy in Prehistoric California			
Thursday April 16	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00
Golden Gate 6	2 General Session: Sites, Settlements,		41 Symposium: The Evolution of Intensive Plant Use by Complex Hunter-		
Union Square 2	3 General Session: Archaeological Applications		42 Forum: 3D Modeling and Printing in Archaeology:		
Golden Gate 4	4 General Session: Advances in Archaeology Technology		43 Symposium: Creative Public-Centered Approaches to		
Union Square 25	5 Forum: Diverse Digital Archaeologies - A CAA-NA & DDIG Event		44 General Session: Historical Archaeology of		
Grand Ballroom A	6-12 Poster Sessions		49-55 Poster Sessions		
Continental Parlor 3	13 Symposium: Archaeology and the State		47 General Session: Archaeological Survey and		
Golden Gate 7	14 Symposium: Connecting Highlands and Lowlands – Towards a Holistic		59 Symposium: "DIY		
Franciscan AB	15 Symposium: New Directions in Historical Archaeology: Theory,				
Golden Gate 1	16 Symposium: Religion, History and Place in the Origins of Settled Life in		46 General Session: Archaeology of Inca Empire		
Golden Gate 5	17 Symposium: Innovative Interpretive Approaches in Microwear and		48 General Session: Contributions to Modeling in		
Yosemite B	18 Symposium: Identities in the Viking Worlds		57 Symposium: Conflict and		
Continental Ballroom Parlor 7	19 Symposium: Forensic Archaeology		56 Symposium: Photons in the Field:		
Golden Gate 8	20 Symposium: Untangling the Intangible: Reconstructing Ideologies,		45 Symposium: New and Innovative Approaches		
Continental Parlor 2	21 Symposium: Advances in the Archaeology of West Mexico and the Surrounding		58 General Session: New Method		
Continental Ballroom Parlor 8	22 Symposium: Household Rituals in the Ancient Americas – from Patio Groups to Pueblos		60 General Session:		
Union Square 1	23 Symposium: Interrogating Identity: The Fluidity of Social Boundaries in African Archaeology				
Golden Gate 3	24 Symposium: Ellos fueron lo que hicieron: Actividades de la elite y grupos no elitarios en las tierras bajas mayas				
Plaza B	25 Symposium: Advances in the Method and Application of Ceramic Petrography: International Perspectives on Key				
Imperial Ballroom B	26 Symposium: Staying Out of Small, Square Holes: The Contributions of Stephen Kowalewski to the Understanding of				
Continental Ballroom Parlor 9	27 Symposium: Crisis and Opportunity: Legacy Collections and Archaeological Research in the 21st Century				
Union Square 14	28 Symposium: Nose to Tail: An Interdisciplinary Look at Dogs in the Past				
Continental Parlor 1	29 Symposium: Archaeological Stewardship and Science in the National Park Service				
Yosemite A	30 Symposium: The Intersection of Sacredness and Archaeology				
Plaza A	31 Symposium: From Foragers to Empires: Recent Research on the South Coast of Peru				
Franciscan CD	32 Symposium: Re-Evaluating the Marginality of California's Islands: Implications for Archaeological Interpretation				
Yosemite C	33 Symposium: Cognitive Archaeology				
Continental Ballroom 4	34 Symposium: Archaeologies by Community Mandate: Practicing Collaborative and Community-Engaged Research				
Continental Ballroom 6	35 Symposium: The Frison Institute/Geoarchaeology Interest Group Symposium: Archaeology and Geoarchaeology of Rockshelters and				
Union Square 21	36 Symposium: Difference in Archaeological Theory and Practice				
Union Square 13	37 Symposium: The Qijia Culture of Northwest China – Entering a New Era of Research				
Golden Gate 2	38 Symposium: The Managed Mosaic: Papers in Honor of Scott L. Fedick				
Continental Ballroom 5	39 Symposium: Reconsidering the "Epic" in the Epiclassic Period of Mesoamerica Part 1: Regional				
Imperial Ballroom A	40 Symposium: Human Adaptations to Environmental Change during the Terminal Pleistocene and				

Sessions at Glance: Thursday Afternoon, April 16

Thursday April 16	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Continental Ballroom Parlor 8	61A The Ethics Bowl		110 General Session: Resource Use, Environments, and	
Continental Parlor 3	61 General Session:	101 Symposium: Glass and Glass Technology: Multi-Disciplinary Approaches to Archaeology		
Golden Gate 2	62 Symposium: One of California		104 Forum: Making the Tough Choices: Finding Work/Life Balance as an	
Golden Gate 4	63 Symposium: Proper ID Required:		107 Symposium: Recent Doctoral Research on Colombian Archaeology	
Union Square 1	64 General Session: Archaeology of the		102 Symposium: New Insights into Painted Pottery from Northwest China	
Golden Gate 6	65 Symposium: It Was the Best of Times, It Was		106 Symposium: California Archaeology and Climate Change	
Yosemite B	66 General Session: Architecture, Ritual, and		103 General Session: GIS, Remote Sensing, and Archaeological Mapping Studies	
Union Square 2	67 General Session: Neolithic and Bronze Age China		105 Symposium: Life in the Diminutive Realm: Human Adaptations to	
Union Square 25	68 Forum: Evaluating and Rewarding 21st Century Archaeological		112 General Session: Beringia and the Arctic	
Golden Gate 1	69 Forum: The Prospects and Challenges of Faunal Data Integration		109 General Session: Protohistoric and Historic Archaeology in	
Continental Ballroom Parlor 9	70 Forum: Integrating and Innovating: Effective Uses of Technology in		108 Symposium: Archaeology and the New Materialism	
Continental Parlor 2	71 Forum: Gender Disparities in Research Grant Submissions		111 Symposium: Representaciones	
Golden Gate 5	72 Symposium: Archaeology and Tourism		113 General Session: The Household as Analytical	
Union Square 13	73 Symposium: SimulPast—Simulating the Past to Understand Human		114 General Session: Artifacts and their Production	
Imperial Ballroom A	74 Symposium: Human Adaptations to Environmental Change during the Terminal			
Continental Ballroom Parlor 7	75 Symposium: Construction of a Community: Recent Findings from Ceren, El Salvador			
Continental Ballroom 6	76 Symposium: Capital, Craft, and Consumption in Mesoamerica after the Spanish Invasion			
Imperial Ballroom B	77 Symposium: An Archaeologist's Geologist: A Symposium in Honor of William R. Dickinson			
Plaza A	78 Symposium: What Was Chachapoyas?: Towards a Cultural Geography of the Northeastern Peruvian Andes			
Plaza B	79 Symposium: Advances in the Method and Application of Ceramic Petrography: International Perspectives on Key Archaeological			
Yosemite C	80 Symposium: Issues in Building Radiocarbon Chronologies			
Golden Gate 3	81 Symposium: Worlds Forever Changed: The Impact of Conflict and Colony in the "New World"			
Union Square 14	82 Symposium: The "Neolithic House": Worldwide Comparisons			
Continental Parlor 1	83 Symposium: Preservation, Protection, and Outreach Programs in National Park Service Archaeology			
Union Square 21	84 Symposium: Simulating Social Complexity to Understand the Archaeological Past			
Franciscan AB	85 Symposium: Communities through Time: Societal Continuity and Transformation in the Northern San Juan Region			
Franciscan CD	86 Symposium: Circulation of People, Things & Ideas: Practices of Mobility in the Upper Usumacinta Basin			
Continental Ballroom 4	87 Symposium: From Taphonomy to Human Ecology: Papers in Honor of Gary Haynes			
Continental Ballroom 5	88 Symposium: Reconsidering the "Epic" in the Mesoamerican Epiclassic Period Part 2: Interregional			
Golden Gate 7	89 Symposium: Micro-Worlds, Materiality and Human Behaviour: Magnifying Material Science in Explanations of			
Golden Gate 8	90 General Session: Practices and Products of Cultural Resource Management in North America			
Grand Ballroom A	91-99 Poster Sessions			
Yosemite A	100 Symposium: MayaArch3D: Building a 3DWebGIS Documentation and Analysis System for			

Sessions at Glance: Thursday Evening, April 16

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

Sessions at Glance: Friday Morning, April 17

Friday April 17	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00
Golden Gate 2	156 Symposium: The Presence of the Hunter and Gather		195 Forum: Caring For Homelands: Tribal Historic Preservation in		
Franciscan AB	157 Symposium: From Pollen to Pottery: New Insights				
Union Square 1	158 Electronic Symposium: Smoke, Flames, and the Body in Mes		198 General Session: Mesoamerican		
Golden Gate 3	159 Forum: Resilience, Archaeology and Global Warming: What		200 Symposium: Macroscopic Approaches to		
Yosemite A	160 Forum: Twenty-First Century Issues and Changes in Curating		201 General Session: Museums, Collections, and		
Union Square 2	161 Forum: Building Archaeological Research Communities with		197 Symposium: Research Designs and Damage		
Grand Ballroom A	162-168 Poster Sessions		202-208 Poster Sessions		
Golden Gate 5	169 Symposium: Archaeological Research in the Chincha Valley,		196 Symposium: Preclassic Kaminaljuyu, Guatemala:		
Golden Gate 7	170 Symposium: Trade, Exchange, Production and Consumption		199 Symposium: Digital Analysis of the Natural		
Continental Ballroom Parlor 8	171 General Session: Lithic and Technical Studies in North American Preh		210 Symposium: Exploring Social Change		
Continental Parlor 2	172 Symposium: Household and Ritual in the Eastern Olmec Heartland		209 Symposium: The Discovery,		
Golden Gate 4	173 General Session: Mississippian Archaeology		212 General Session: Zooarchaeological		
Union Square 25	174 General Session: Exploring Technological and Social Boundaries in the African		211 General Session: Neolithic		
Golden Gate 8	175 Symposium: The Forging of Communities in Colonial Alta California, 1769-1834		214 General Session:		
Union Square 13	176 Symposium: Anthrop Activity Markers: Archaeology and Ethnoarchaeology		213 Symposium:		
Union Square 21	177 Symposium: Biographies of Enclosure in Global Context				
Continental Ballroom 5	178 Symposium: 2015 Fryxell Award Symposium: Papers in Honor of David Hurst Thomas				
Imperial Ballroom A	179 Symposium: Use-Wear, Experimental Archaeology and Residue Analysis in the People's Republic of Chi				
Union Square 14	180 Symposium: Landscapes of Production: Recent Research on the Archaeology of Field and Irrigation Systems				
Continental Ballroom Parlor 7	181 Symposium: Space and Time in the Upper Palaeolithic: A Mixed Traditions Approach to the Study of Prehistory				
Continental Parlor 3	182 Symposium: Games People Play: Prehistoric Games of Indigenous North Americans				
Plaza B	183 Symposium: Excavating the House: Residential Architecture in the Maya Area				
Yosemite C	184 Symposium: Regional Perspectives on the Tiwanaku Collapse: "Post-Expansive" Chronology, Cultural Transformation and				
Yosemite B	185 Symposium: Case Studies in Chert Sourcing and Identification				
Continental Parlor 1	186 Symposium: 'Siempre a la Vanguardia': A Tribute to Dolores Piperno Contributions to the Origins and Spread of Agriculture				
Continental Ballroom Parlor 9	187 Symposium: See How We Are: Representing Identity in the Ancient Americas				
Golden Gate 1	188 Symposium: Public Perceptions of Archaeology				
Franciscan CD	189 Symposium: Examining Webs of Social Relations: New Research in West Mexican Archaeology and West Mexico-U.S. South				
Plaza A	190 Symposium: Archaeology in Context: The Influence of the Geoarchaeological Career of Paul Goldberg				
Continental Ballroom 4	191 Symposium: Evolutionary Theory and Archaeology, Part I: Cultural Transmission, Cultural Evolution, and Evolutionary Archaeology				
Continental Ballroom 6	192 Symposium: The Geoarchaeology of Submerged, Intertidal, And Wetland Places: Advances In Method and Theory of Prehistoric				
Golden Gate 6	193 Symposium: Interpreting Changes in Ancient Maya Society: From Landscape and Architecture to Everything in between				
Imperial Ballroom B	194 Symposium: The Aztecs and Their World: Interdisciplinary Contributions of Frances Berdan				

Sessions at Glance: Friday Afternoon, April 17

Friday April 17	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM
Yosemite B	215 Symposium: Chert Sourcing	254 Symposium: Intentional Destruction of Cultural Heritage: Evidence and			
Golden Gate 8	216 Symposium: Mapping out Pottery Production		259 Symposium: Interregional Interaction		
Imperial Ballroom A	217 Symposium: Tamtoc: Characterizing an Urban				
Union Square 2	218 Symposium: Sustaining Heritage: New Directions for Arch		255 Forum: FEAR (Fear and Its Expressions in the		
Golden Gate 5	219 Symposium: Current Investigations in the Petén Lakes Regi		257 Symposium: The Legacy of the Río Sonora Project		
Golden Gate 6	220 General Session: Archaeology and Bioarchaeology of the		256 Symposium: Low Impact, High Resolution:		
Union Square 1	221 Electronic Symposium: Open Methods in Archaeology: How to Enc		263 General Session:		
Franciscan AB	222 Forum: Telling Archaeology: !Write!Speak!Engage!#winning#bestf		260 General Session: Modeling Landscape		
Continental Parlor 2	223 Forum: Cons or Pros? Should Archaeologists Collaborate with Resp		258 Symposium: Undoing and Redoing		
Golden Gate 2	224 Forum: Dialogs in California Archaeology		261 General Session: Public		
Imperial Ballroom B	225 Symposium: Tribal Heritage Management Programs in Action at th				
Golden Gate 3	226 Symposium: The Cutting Edge of American Palaeoethnobotany		262 Symposium: Recent		
Yosemite C	227 Symposium: Entangled Encounters in the Central Andes: Process, Outcome and Legac				
Continental Ballroom 4	228 Symposium: Evolutionary Theory and Archaeology, Part II: Applications of Human Be				
Golden Gate 4	229 General Session: Archaeology in the Southwestern United States		264 General Session:		
Union Square 25	230 Symposium: Those Dam Sites: Recent Archaeological Research in the Dakotas		266 General Sessio		
Continental Ballroom Parlor 9	231 Symposium: Advances on the investigation of Chalchihuites Culture		265 General Sessio		
Union Square 21	232 Symposium: Landscape and Social Organization during the Late Intermediate and Late Horizon				
Continental Parlor 1	233 Symposium: Evolution and Ecology in Oceania				
Continental Ballroom Parlor 7	234 Symposium: The Dynamism of Contact and Exchange in Early Central and East Asia				
Union Square 13	235 Symposium: Current Practice in Digital Public & Community Archaeology		267 Genera		
Plaza B	236 Symposium: Project Archaeology Makes a Difference: The Next 25 Years				
Continental Parlor 3	237 Symposium: Theorizing and Excavating Neighborhoods				
Continental Ballroom Parlor 8	238 Symposium: Cross-Cultural Encounters/Entanglements in Island Southeast Asia and the Western Pacific				
Franciscan CD	239 Symposium: Fire and Humans in Resilient Ecosystems in the American Southwest				
Golden Gate 1	240 Symposium: The Practices of Death: The Archaeology of Mortuary Ritual in Ancient Egypt and Sudan				
Union Square 14	241 Symposium: New Perspectives on the Archaeology of Technological Change				
Plaza A	242 Symposium: The Dimensions of Rituality 2000 Years Ago and Today				
Continental Ballroom 6	243 Symposium: The Geoarchaeology of Submerged, Intertidal, and Wetland Places: Advances In Method And Theory of				
Continental Ballroom 5	244 Symposium: Lowland Maya Territories: Local Dynamics in Regional Landscapes				
Yosemite A	245 Symposium: Moving Forward in Casas Grandes Archaeology				
Golden Gate 7	246 Symposium: Caminos perdidos y vías olvidadas: Trade Routes and Exchange Networks in Late Pre-Hispanic Central America				
Grand Ballroom A		247-253 Poster Sessions			
Imperial Ballroom AB					Annual Business

Sessions at Glance: Saturday Morning, April 18

Saturday April 18	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00
Golden Gate 6	268 General Session: Studies in Archaeob		307 General Session: Archaeologies of Identity and Human Experience in		
Golden Gate 7	269 Symposium: Queering the Field: Archaeologies of		308 Forum: Caring for Knowledge on Stone: Rock Art Co-Managem		
Union Square 2	270 Forum: The Engaged Classroom, Continued: Selecting Teachi			320 General Session: Modeling	
Union Square 25	271 Forum: Issues and Directions in Starch Grain Research		309 Symposium: The Study of Biological Microremains as		
Grand Ballroom A	272-278 Poster Sessions		310-315 Poster Sessions		
Golden Gate 4	279 Symposium: Investigating the Trafficking of Cultural Objects: Novel		316 General Session: The Study of Lands		
Yosemite A	280 Symposium: Great Lakes Archaeology: Current Research and Perspectives		319 Symposium: Natural Format		
Yosemite C	281 Symposium: New Research on the Archaic Period in the Northeast: The Past		317 General Session: Archaeology of		
Union Square 21	282 Symposium: A New Deal for Western Archaeology		318 Symposium: Narratives and		
Continental Parlor 1	283 Symposium: New Perspectives on the Archaeology of Economics in China		324 General Session:		
Golden Gate 1	284 Symposium: 20 Year Retrospective of National Center for Preservation Technology and		323 Symposium:		
Continental Parlor 3	285 Symposium: The Social Lives of Forts: Reconsidering the Social Construction of Ancient		321 General Session: Human		
Union Square 1	286 Symposium: Recent Advances in the Settlement and Landscape Archaeology of South				
Golden Gate 5	287 Symposium: Ancient Architecture and Spatial Technology: A Global Perspective				
Union Square 13	288 Symposium: IHOPE (Integrated History and Future of People on Earth)—International and		322 Symposium: Not		
Union Square 14	289 Symposium: Mind the Gap: Archaeological Approaches to Null Data Spaces				
Continental Ballroom Parlor 7	290 Symposium: Many Faces, Many Perspectives: Archaeology and Communities in Practice				
Continental Ballroom Parlor 9	291 Symposium: People without Collapse: Peripheries as Active Participants in Cultural Transformations				
Golden Gate 3	292 Symposium: Global Perspectives on Lithic Technologies in Complex Societies				
Franciscan CD	293 Symposium: Ancestral Native American Archaeology of the San Francisco Bay Area				
Imperial Ballroom B	294 Symposium: Building the Hunter-Gatherer's Paleoscape on the South African Coast: Environment, Landscape, and Foraging				
Continental Ballroom 4	295 Symposium: From the Fields to the Palaces of the Prehistoric Maya: Honoring the Contributions of the late Peter D. Harri				
Plaza A	296 Symposium: A Sense of Question: Papers in Honor of James F. O'Connell				
Continental Ballroom 6	297 Symposium: Lithics Cowgirl, Household Archaeologist, Digital Doyenne: A Session Dedicated to Ruth Tringham				
Golden Gate 2	298 Symposium: The Seventh Field Season of the Proyecto Templo Mayor: Recent Investigations on the Sacred Precinct of Tenochtitlan				
Plaza B	299 Symposium: Building a Bioarchaeology of Care				
Franciscan AB	300 Symposium: Solving Archaeological Research Problems in Rocky Mountain and Plains Prehistory				
Continental Ballroom Parlor 8	301 Symposium: People that No One Had Use For, Had Nothing to Give to, No Place to Offer: The Milwaukee County Institution				
Continental Parlor 2	302 Symposium: Current Problems in Arctic Research				
Golden Gate 8	303 Symposium: Mural Painting and the Ancient Americas				
Yosemite B	304 Symposium: Society and Economy in the Hohokam World: New Evidence and Insights from Canal System 2, Phoenix, Arizona				
Imperial Ballroom A	305 Symposium: Archaeological Approaches to Subjectification				
Continental Ballroom 5		306 Symposium: Contextualizing Maya History and Archaeology Part I: Reflections on the 25th			

Sessions at Glance: Saturday Afternoon, April 18

Saturday April 18	1:00 PM	2:00 PM	3:00 PM	4:00 PM
Continental Ballroom Parlor 9	325 Symposium:	366 Symposium: Community Diversity in the Archaeological Past and the Complicated Present: Ongoing Field		
Union Square 14	326 General Session: Archaeolog	367 Symposium: Current Perspectives in Ecuadorian Archaeology		
Continental Parlor 2	327 General Session: Studies of Artifacts	368 General Session: Archaeology of the Mediterranean Region and		
Continental Ballroom Parlor 8	328 Symposium: Migration and Mobility in the New World	369 Forum: A Model For Success In Repatriation: A Collaborative Process		
Union Square 13	329 Debate: Artifact Identification as Outreach	371 General Session: Contexts of Artifact Production and Use in		
Golden Gate 4	330 Forum: Out in the Field: Queer Experiences and Challenges in Arch	370 Symposium: The Hoyo Negro Project: Recent Investigations ,		
Yosemite B	331 General Session: Archaeology and Zooarchaeology in the Midwest	377 General Session: Applications of Theory		
Golden Gate 6	332 General Session: Bioarchaeology and Mortuary Archaeology in Europe	376 General Session: Household		
Golden Gate 2	333 General Session: Climate Change as an Archaeological Subject	375 General Session: Maya Ceramics		
Yosemite C	334 Symposium: Engaging with the Public and the Past: The Archaeological Legacy of Brian	373 General Session: Daily Life, Ritual, and		
Plaza A	335 Symposium: From Households to Communities: Bridging Scales in Search of Conflict,	384 General Session: Bioarchaeology		
Union Square 25	336 Symposium: Collaborative and Community Archaeology	374 General Session: Oral History and Oral		
Continental Parlor 3	337 Symposium: Human-Environment Interactions & Human Ecology in Western Arctic	380 General Session: Bioarchaeology		
Golden Gate 8	338 General Session: Mesoamerican Ritual, Iconography and Mortuary Archaeology	372 General Session: Mortuary Archaeology		
Continental Ballroom Parlor 7	339 Symposium: Islands and Invasives: The Archaeology of Plant and Animal Translocations	379 General Session: Ceramic		
Golden Gate 1	340 Symposium: Sound of Theory	381 General Session: Archaeology of		
Continental Parlor 1	341 Symposium: Extreme Alpine Foraging: Explaining High Altitude Residences in the Great Basin	383 General Session: California		
Union Square 21	342 Symposium: Bedrock Features (Mortars, Slicks and Grooves): Documentation, Analysis and	378 General Session: Archaeologies		
Franciscan CD	343 Symposium: Homol'ovi: A Gathering Place	382 General Session: Chacoan		
Continental Ballroom 5	344 Symposium: Contextualizing Maya History and Archaeology Part II: Reflections on the 25th Anniversary			
Franciscan AB	345 Symposium: Food Globalization in Prehistory			
Golden Gate 3	346 Symposium: Crafting the Tenochcan Imperial Identity and Style			
Golden Gate 7	347 Symposium: Like Frejoles in a Pod: Examining the Current State of Paleoethnobotany in Peru			
Golden Gate 5	348 Symposium: The Short and the Long of It: Combining Timescales			
Union Square 1	349 Symposium: Recent Advances in the Settlement and Landscape Archaeology of (South)west China and Southeast			
Union Square 2	350 Symposium: Advances in Wetland Archaeology in the Americas			
Plaza B	351 Symposium: Resilience, Sustainability and Collapse in the North Atlantic			
Yosemite A	352 Symposium: Rock Art Research: A Regional Analysis			
Imperial Ballroom A	353 Symposium: Methodology and Interpretation in the Archaeology of Rock Art:			
Continental Ballroom 6	354 Symposium: It's About Time: Contributions in Honor of Thomas C. Windes			
Continental Ballroom 4	355 Symposium: Caves, Sinkholes and Chultuns: New Evidence for the Importance of Earth Openings in Ancient Mesoamerica Religion			
Imperial Ballroom B	356 Symposium: Building the Hunter-Gatherer's Paleoscape on the South African Coast: The Archaeological Record			
Grand Ballroom A	357-365 Poster Sessions			

Sessions at Glance: Sunday Morning, April 19

Sunday April 19	8:00 AM	9:00 AM	10:00 AM	11:00 AM
Continental Parlor 3	385 General Session: Education an	417 General Session: Archaeology of the		
Union Square 1	386 General Session: Desert and High Eleva			
Union Square 2	387 General Session: Prehistory of the Carib			
Union Square 21	388 Symposium: Ceremonial Architecture in Eastern			
Golden Gate 6	389 General Session: Lithics in the Paleolithic			
Golden Gate 8	390 Forum: Site Stewardship Alliance: Building the Future of Archaeol	418 General Session: Issues of Heritage, Ethics,		
Union Square 13	391 General Session: Archaeologies of Trade and Cultural Interactions			
Union Square 14	392 General Session: The Practices and Products of Cultural			
Imperial Ballroom A	393 General Session: Conquest and Colonialism in Mesoamerica and			
Yosemite A	394 General Session: Global Historical and Contemporary Archaeologi			
Continental Ballroom Parlor 8	395 Symposium: Magdalenian Social Geographies in Western Europe			
Continental Parlor 1	396 General Session: Archaeology of the Paleolithic			
Continental Ballroom Parlor 7	397 General Session: Zooarchaeology and Site Interpretation			
Golden Gate 4	398 Symposium: The Imperial Craft: Comparative Perspectives on Production and Society in			
Golden Gate 2	399 Symposium: The Exploitation of Limestone in Ancient Mesoamerica			
Continental Parlor 2	400 Symposium: Anarchy and Archaeology: Contesting Hierarchy, Power, and Authority in the			
Golden Gate 3	401 General Session: Neolithic and Chalcolithic Archaeology in the Ancient Near East			
Golden Gate 1	402 General Session: Studies of Technology, Ecology, and Craft Production in South, Central,			
Yosemite C	403 Symposium: Dietary Biographies: Chronicling Past Husbandry, Mobility, and Exchange Practices			
Franciscan AB	404 Symposium: Recent Research and a Chronological Reevaluation of the Viru-Moche-Chicama Valleys			
Continental Ballroom Parlor 9	405 Symposium: Managing Archaeological Heritage in the 21st Century			
Yosemite B	406 Symposium: "Bones are Not Enough": Research in Honor of Diane Gifford-Gonzalez			
Union Square 25	407 Symposium: Environmental Archaeological Approaches in Southeast Asia			
Imperial Ballroom B	408 Symposium: The Mirador Basin: New Investigations and Conservation Programs			
Golden Gate 7	409 Symposium: Archaeological Applications of Unmanned Aerial Systems (Drones)			
Plaza B	410 Symposium: The Bioarchaeology of Oaxaca: Talking with the Dead from Southern Mexico			
Golden Gate 5	411 Symposium: Itinerant Matters and Hybrid Objects: Research on Material Transfers and Contact Products			
Franciscan CD	412 Symposium: Exotic, Lustrous, and Colorful: Obsidian in Symbol, Society, and Ceremony			
Continental Ballroom 4	413 Symposium: Ports, Trails, and Waterways: Trade and Economy in the Ancient Maya World			
Continental Ballroom 5	414 Symposium: New Perspectives on Agricultural Origins			
Continental Ballroom 6	415 Symposium: Celebrating the 100th Anniversary of the Death of Primitive Economic Man: Nutritional Archaeology for the 21st Century			
Plaza A	416 Symposium: Spanish to the Silicon: The Diversity of San Francisco Historical Archaeology			

Program**Wednesday Evening ■ April 15, 2015****[1] OPENING SESSION****PRESIDENT'S FORUM: ORDERLY ANARCHY IN PREHISTORIC CALIFORNIA***(Sponsored by Society for California Archaeology)***Room:** Imperial AB**Time:** 6:30 PM - 8:30 PM**Chair:** Terry Jones**Participants:**

Robert Bettinger—Aboriginal Sociopolitical Groups in California and the Great Basin: The Rise of Orderly Anarchy

Terry Jones—Discussant

Stephen Lekson—Discussant

Brian Coddington—Discussant

Kenneth Ames—Discussant

Lynn Gamble—Discussant

David Thomas—Discussant

Timothy Pauketat—Discussant

Christopher Morgan—Discussant

William Hildebrandt—Discussant

Kathleen Hull—Discussant

Peter Richerson—Discussant

Thursday Morning ■ April 16, 2015**[2] GENERAL SESSION ■ SITES, SETTLEMENTS, AND SPATIAL ANALYSIS IN SOUTH AMERICA****Room:** Golden Gate 6**Time:** 8:00 AM - 9:15 AM**Chair:** César Méndez**Participants:**

8:00 Diego Salazar, Carola Flores, Laura Olguin, Cesar Borie and Valentina Figueroa—Environment, History and Resilience of Archaic Coastal Hunter-Gatherer-Fishers from the Atacama Desert, northern Chile

8:15 Kayeleigh Sharp and Melissa Litschi—Integrated Archaeometric and Spatial Analysis: A Preliminary Report on Spatial Data Mining in the Pre-Hispanic Central Andes of Peru

8:30 Lars Fehren-Schmitz—Lauricocha v2.0: Ancient Highlanders

Grant New Insights into the Pre-Columbian Population History of South America

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

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

[3] GENERAL SESSION ■ ARCHAEOLOGICAL APPLICATIONS OF X-RAY FLORESCENCE

Room: Union Square 2

Time: 8:00 AM - 9:30 AM

Chair: Jayne-Leigh Thomas

Participants:

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

[4] GENERAL SESSION ■ ADVANCES IN ARCHAEOLOGY TECHNOLOGY

Room: Golden Gate 4

Time: 8:00 AM - 9:45 AM

Chair: Rory Becker

Participants:

- 8:00 Rory Becker and Jacob Jensen—Shedding New Light on the Past: The Potential for Short Wave Ultraviolet Photography in Archaeology
- 8:15 Mary Malainey, Timothy Figol and James Skibo—Addressing the Challenges of Developing a Standardized System for the Morphological and Functional Analysis of Archaeological Pottery
- 8:30 Brett Houk, Mark Willis, Kelsey Herndon and Chester Walker—The Structure A-15 Maneuver: A Novel Application of Structure from Motion Mapping at Chan Chich, Belize
- 8:45 Jon Carroll—Computational Simulation Methods for Exploring Small Artifact Assemblages
- 9:00 Melanie Damour, Robert Church and Daniel Warren—Using 3D Laser and 3D Sonar as Tools for Mapping, Analyzing Site Formation Processes, and Long Term Monitoring of Shipwrecks
- 9:15 Christopher Gillam—Not Your Ordinary Models: Exploring Time and Space with Ordinal Regression and Other Methods
- 9:30 J. Scott Cardinal and Jennifer Loughmiller-Cardinal—Negative Results, Positive Contributions: Selection Biases and the Necessities of Looking to the Spaces between...

[5] FORUM ■ DIVERSE DIGITAL ARCHAEOLOGIES - A CAA-NA & DDIG EVENT

(Sponsored by DDIG and CAA-NA)

Room: Union Square 25

Time: 8:00 AM - 10:00 AM

Moderators: Rachel Opitz and Joshua Wells

Participants:

Michael Ashley—Discussant
Lisa Fischer—Discussant
Douglas Gann—Discussant
Timothy Goddard—Discussant
Shawn Graham—Discussant
Sarah Kansa—Discussant
Francis McManamon—Discussant
Katy Meyers Emery—Discussant
Eric Poehler—Discussant
Maria Raviele—Discussant
Heather Richards-Rissetto—Discussant
Ash Scheder Black—Discussant

[6] POSTER SESSION ■ GEOARCHAEOLOGICAL AND SOURCING STUDIES IN THE AMERICAN WEST

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

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

[7] POSTER SESSION ■ GIS MODELING AND GEOSPATIAL ANALYSIS: STUDY OF LANDSCAPES AND SETTLEMENT PATTERNS

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 7-a Bianca Gentil—Measuring Power and Influence: GIS Modeling of Political Spheres of Influence
- 7-b Kendall McGill—Geospatial Analysis of Cedar Mesa Settlement Patterns
- 7-c Katelyn DiBenedetto and Levi Keach—Playing with Fire at 'Ais Giorkis: A Geospatial Analysis of Prehistoric Fire Residue
- 7-d Levi Keach—Geospatial Analysis of Areal (Polygonal) Units:

- Applications at the Site Level in Neolithic Cyprus
- 7-e Rachel Cohen—Sites and Sight Lines: An Investigation of Intervisibility among Hilltop Sites in Azerbaijan
- 7-f Paulina Przystupa—Idyllic Childhood or Practical Placement: Examining Children's Homes Using GIS, Remote Sensing, and Landscape Archaeology
- 7-g Bobbi Hornbeck, Caroline Funk, Brian Hoffman, Debra Corbett and Nancy Bigelow—Shaping Identities through Physical and Cognitive Landscape Modifications in the Rat Islands, AK
- 7-h Cassidy Phillips, Jamie Clark, Lyn Wadley and Silje Bentsen—Exploring Fire Use at Sibudu Cave Using the Kernel Density Tool in ArcGIS
- 7-i Carla Klehm, Eileen Ernenwein, Katie Simon, Jeremy Menzer and Mica Jones—Bosutswe Landscapes: Defining African Complexity through Spatial Archaeometry
- 7-j Braden Dison—Exploring Land Usage at Tannehill State Park: Giving Artifacts a Context through Watershed Mapping
- 7-k Alyssa Haggard and Casey Hegel—A Geospatial Analysis of Landscape Modification in Relation to Burials and Social Control
- 7-l James Elder and Shane Sparks—Exploring the Relationship between Coastal Geomorphic Processes and Archaeological Site Distributions in Central Puget Sound of Washington State
- 7-m Stephen Reichardt—Development and Integration of Cultural Resource Data in a Geographic Information System from Nuvakwewtaqa, Chavez Pass, Arizona: A Model for Spatial Data Management

[8] POSTER SESSION ■ REMOTE SENSING AND GEOPHYSICAL SURVEY

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

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

- 8-e Jesse Nowak, Daniel Bigman, Daniel Seinfeld and Grant Stauffer—A Deeper Look at Lake Jackson: New Insights into Settlement Patterns and Ritual Space at a Florida Mississippian Center
- 8-f Thomas Urban, Ian Buvit, Steven Hackenberger, Robert Jacob and Jeffrey Rasic—Geophysical Investigation of the Slaven's Roadhouse Site, Yukon-Charley National Preserve, Alaska
- 8-g Vincas Steponaitis, Megan Kassabaum and John O'Hear—The Uses of Platform-Mound Summits at a Coles Creek Site in Southwest Mississippi
- 8-h Jeremy Menzer, Eileen Ernenwein and Jay Franklin—Combining Geophysics, Photogrammetry, and Archaeological Testing at the Mississippian Pile Mound Site, Upper Cumberland Plateau, Tennessee
- 8-i Katie Simon, Adam Wiewel, Eileen Ernenwein, Kristin Safi and Carla Klehm —TheNear and Far: How Aerial Thermography can Elucidate Findings in Ground-Based Geophysical Datasets
- 8-j Erin Carr—Prospects for Detection of Ephemeral Historic Sod Structures Using Geophysical Techniques
- 8-k Andrew Owens—Kite Aerial Photography and Archaeology: Grandfather of the Drone, Ancient yet Applicable
- 8-l Alper Basiran and Cevdet Merih Ereğ—Direkli Cave: Aerial Photography of An Epipaleolithic Site
- 8-m Paul Buck and Donald Sabol—Sub-Pixel Detection of Obsidian at Glass Mountain Site Using NASA Satellite and Aircraft Data

[9] POSTER SESSION ■ XRF IN ARCHAEOLOGY

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 9-a Mark Durante—A Geomorphic and Elemental Analysis of the Johnston Site (36IN002)
- 9-b Alice Hunt, David Hurst Thomas and Robert Speakman—Provenance of Archaeological Copper Alloys by pXRF
- 9-c Alicia Sawyer and Justin Holcomb—Interpretation of Midden Formation Processes at Three Farms in Skagafjörður, Northern Iceland Using Thin Section Micromorphology and pXRF Chemostratigraphy
- 9-d Aviva Finkelstein—Understanding the Health of the People of Pender Island (B.C.) Through Portable X-Ray Fluorescence of Human Remains
- 9-e Ursel Wagner, Benilde Costa, Werner Häusler, A. Silva and

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

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

[10] POSTER SESSION ■ GEOARCHAEOLOGY AND GEOCHEMISTRY

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

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

[11] POSTER SESSION ■ GEOPHYSICAL SURVEYS, GIS, AND SETTLEMENT PATTERNS IN PERU AND BOLIVIA

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 11-a Claudio Carini, Jerry Moore, Martha Ramos, Michelle Garcia and Brandon Gay—Integrated Geophysical Surveys at Archaic and Formative Archaeological Sites in Tumbes, Peru
- 11-b Julia Longo, Cyrus Banikazemi, Brian Billman and Patrick Mullins—Modern Settlement Patterns and Site Preservation in the Middle Moche Valley
- 11-c Melissa Litschi and Kayeleigh Sharp—pXRF Meets GIS: A Preliminary Investigation of Spatial Variability in Domestic Ceramics at Songoy-Cojal, North Coast, Peru
- 11-d Karl La Favre—Macro-Scale History of the Lake Titicaca Region,

Peru and Bolivia: A Synthesis and Comparative Analysis of Settlement Patterns

- 11-e Diana Diaz and Danielle Kurin—Discerning Site Distribution and Settlement Patterns in Andahuaylas (Apurimac), Peru
- 11-f Elimarie Garcia-Cosme—Spatial Patterns of Raised Fields and Linguistic Diversity in Mojos, Beni, Bolivia
- 11-g Lynn Kim—A Glance at Camata: GIS Analyses of Camata Valley, Bolivia
- 11-h Lauren Kohut—Fortified Lookouts and Border Patrol in the Late Intermediate Period Colca Valley, Peru

[12] POSTER SESSION ■ MATERIAL CULTURE / OBJECT STUDIES

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

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

Micro Computed Tomography

[13] SYMPOSIUM ■ ARCHAEOLOGY AND THE STATE**Room:** Continental Parlor 3**Time:** 8:00 AM - 10:00 AM**Chair:** Joshua Dent**Participants:**

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

[14] SYMPOSIUM ■ CONNECTING HIGHLANDS AND LOWLANDS – TOWARDS A HOLISTIC APPROACH TO UPLAND AND LOWLAND SYMBIOSIS IN THE PAST, PRESENT AND FOR THE FUTURE**Room:** Golden Gate 7**Time:** 8:00 AM - 10:15 AM**Chairs:** Claudia Glatz and Aphrodite Sorotou**Participants:**

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

- Rhythms of Material Exchange
 9:30 Aphrodite Sorotou—Current Approaches to Landscape
 Characterisation as Tools for the Understanding of Highlands-
 Lowlands Interactions
 9:45 Adam Smith—Discussant
 10:00 Questions and Answers

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

Room: Franciscan AB

Time: 8:00 AM - 10:15 AM

Chairs: Katrina Eichner and Erin Rodriguez

Participants:

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

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

Room: Golden Gate 1

Time: 8:00 AM - 10:15 AM

Chair: Ian Hodder

Participants:

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

- 8:15 Lee Clare, Oliver Dietrich, Jens Notroff and Joris Peters—Establishing Identities in the Protoneolithic: History Making at Göbekli Tepe in the Late 10th Millennium calBC
- 8:30 Marion Benz, Kurt W. Alt and Vecihi Özkaya—Evidences for Social Structure and Ritual Practices from Körtik Tepe at the Beginning of Settled Life
- 8:45 Miquel Molist—Aspects of Ritual and Domestic Life in First Farming Village (PPNB period) : Contribution to Tell Halula (Euphrates Valley Syria)
- 9:00 Gunes Duru—Radical Neolithic?
- 9:15 Douglas Baird and Andrew Fairbairn—The Ordering of Space at Boncuklu, Central Anatolia (8500-7500 cal BC); Household and Community
- 9:30 Rosemary Joyce—Interrogating "Property" at Neolithic Çatalhöyük
- 9:45 Nicola Lercari—Virtually Rebuilding Çatalhöyük History Houses
- 10:00 Christina Tsoraki—Ritual Consumption? Exploring the Staging of Ritual Acts through the Deposition of Ground Stone Tools in Building 77 at Neolithic Çatalhöyük

[17] SYMPOSIUM ■ INNOVATIVE INTERPRETIVE APPROACHES IN MICROWEAR AND RESIDUE ANALYSES

Room: Golden Gate 5

Time: 8:00 AM - 10:15 AM

Chairs: Randolph Donahue, Adrian Evans and Danielle Macdonald

Participants:

- 8:00 Aimee Little, Shannon Croft, Charlotte Rowley, Oliver Craig and Nicky Milner—Taken to Task at Star Carr: Integrating Scientific Approaches to Artefacts and their Archaeological Contexts
- 8:15 Harry Lerner—Scales of Analysis, Scales of Interpretation: Interpretive Scope and Analytical Precision in Lithic Use-Wear Research, or 'Trees are Great but Don't Forget About the Forest!'
- 8:30 Adrian Evans—Representative Samples and Method Calibration for Lithic Microwear Interpretation frameworks
- 8:45 Danielle Macdonald and Lisa Maher—Exploring Domestic Tasks at Kharaneh IV Using Lithic Microwear Analysis
- 9:00 Annelou Van Gijn—Investigating the Toolkit for Building a Neolithic House: Microwear and the Missing Majority
- 9:15 Patricia Anderson—Interpreting Uses of Cereal Threshing Tools

- and Straw Storage Structures from Neolithic, Chalcolithic and Bronze Age Sites in the near East
- 9:30 Randolph Donahue and Anders Fischer—Trollesgave: Hunter-Gatherer Social Organisation during the Late Glacial in Northwest Europe
- 9:45 Questions and Answers
- 10:00 Douglas Bamforth—Discussant

[18] SYMPOSIUM ■ IDENTITIES IN THE VIKING WORLDS

Room: Yosemite B

Time: 8:00 AM - 10:15 AM

Chairs: Catrine Jarman and Christopher Callow

Participants:

- 8:00 Christopher Callow—Diasporas and Identities in the Viking Age
- 8:15 Charlotte Hedenstierna-Jonson—Identity, Self-Image and Cultural Expression in Viking Age Sweden
- 8:30 David Griffiths—Long Distances/ Local Dynamics: Overcoming 'Culture History'
- 8:45 Orri Vesteinsson—Environment and Identity in the Viking Age North Atlantic
- 9:00 Dawn Hadley—Identities in a Viking Winter Camp
- 9:15 Catrine Jarman—Female Mobility in the Viking Worlds
- 9:30 Steven Ashby—Craft and Identity in the Viking World
- 9:45 Christina Lee—Weaving Identities
- 10:00 Questions and Answers

[19] SYMPOSIUM ■ FORENSIC ARCHAEOLOGY

Room: Continental Ballroom Parlor 7

Time: 8:00 AM - 10:15 AM

Chair: Kimberlee Moran

Participants:

- 8:00 Mike Groen, Nicholas Marquez-Grant and Rob Janaway—Forensic Archaeology: A Global Perspective
- 8:15 Ryan Seidemann and Christine Halling—The Forensics of Commodification: Examples from Louisiana of the Acquisition, Analysis, and Legal Problems Related to Trophy Skulls Seized from Illegal Sales
- 8:30 Craig Goralski and Alexis Gray—An Update on the Unidentified Persons Project, San Bernardino, California: The Good, The Very Good, and the Ugly
- 8:45 Ann Marie Mires and Claire Gold—Forensic Archaeology

- Recovery Case Studies, Finding the Unfound
- 9:00 Sharon Moses—A Missing Person Body Recovery Case: Maintaining Professionalism & Best Practices as a Forensic Archaeologist Amidst Escalated Tensions
- 9:15 Alexis Gray and Craig Goralski—Forensic Archaeology and Today's Student: Managing Expectations and Providing Rigor While Maintaining Best Practices
- 9:30 Dana Kollmann—Put 'em to Work! The Transition from the Classroom to the Field
- 9:45 Kimberlee Moran—Forensic Archaeology: a Ten Year Retrospective
- 10:00 Questions and Answers

[20] SYMPOSIUM ■ UNTANGLING THE INTANGIBLE: RECONSTRUCTING IDEOLOGIES, BELIEFS, AND RELIGION IN THE PAST

Room: Golden Gate 8

Time: 8:00 AM - 10:15 AM

Chairs: Kathryn MacFarland and Erik Johannesson

Participants:

- 8:00 Erik Johannesson—What You See is What You Believe: Mortuary Ideology and Transmutations in Funerary Practice at the Advent of the Xiongnu Empire in Mongolia
- 8:15 Emily Anderson—In the Trail of Dancing Lions: Iconography and Community on Early Crete
- 8:30 Susan Kus and Victor Raharijaoana—Some “Muse”ings on Past and Recent Encounters with Lutins, Naiads and Non-Anthropomorphic Forces: Reconsidering Vocabulary and Questions Concerning “Religion” and “Belief” in Face of Ethno-Archaeological Experiences in Madagascar
- 8:45 Marijke Stoll—The Practice of Play in the Sport of Life and Death: Exploring Regional Variation in Ballgame Material Culture and Ideology
- 9:00 Jeremy Beach and K. Bryce Lowry—An Archaeological Investigation of Gender on the Late Prehistoric Steppe
- 9:15 Megan Daniels—The Queen of Heaven in Iron Age Greece: Analyzing Religious Ideology and Symbolism on Multiple Scales
- 9:30 Kathryn MacFarland—Religious and Ritualized Landscapes of Iron Age Central Eurasia
- 9:45 Lars Fogelin—Discussant
- 10:00 Questions and Answers

[21] SYMPOSIUM ■ ADVANCES IN THE ARCHAEOLOGY OF WEST MEXICO AND THE SURROUNDING AREAS

Room: Continental Parlor 2

Time: 8:00 AM - 10:30 AM

Chairs: Nora Rodríguez Zariñán and Andrea Torvinen

Participants:

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

[22] SYMPOSIUM ■ HOUSEHOLD RITUALS IN THE ANCIENT AMERICAS – FROM PATIO GROUPS TO PUEBLOS

Room: Continental Ballroom Parlor 8

Time: 8:00 AM - 11:00 AM

Chairs: Samantha Fladd and Jessica MacLellan

Participants:

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

[23] SYMPOSIUM ■ INTERROGATING IDENTITY: THE FLUIDITY OF SOCIAL BOUNDARIES IN AFRICAN ARCHAEOLOGY

(Sponsored by Society of Africanist Archaeologists)

Room: Union Square 1

Time: 8:00 AM - 11:00 AM

Chair: Abigail Stone

Participants:

- 8:00 Abigail Stone—Economies and Identities in Flux: Consequences of the Arrival of Specialized Fulani Pastoralists in Mali's Inland Niger Delta
- 8:15 Stephen Dueppen—Opening the House: Transforming Identities at Kirikongo over the 1st and 2nd millenniums CE (Burkina Faso, West Africa)

- 8:30 Louise Iles—Iron Producers, Iron Users
 8:45 Stefano Biagetti—Resilience and Identity: The Ethnoarchaeology of the Kel Tadrart Tuareg (SW Libya)
 9:00 Thomas Huffman—Salvage Excavations on Greefswald: Leokwe Commoners and K2 Cattle
 9:15 Cameron Gokee—Beyond the Grave: Regional Interaction in the Senegambian Megalith Zone
 9:30 Dil Basanti—In Death Do We Join: Community Building in Ancient Ethiopian Funerary Practices
 9:45 Daphne Gallagher—Material Complexities in Dispersed Communities: Archaeology of 2nd Millennium CE Southeastern Burkina Faso (West Africa)
 10:00 Steven Goldstein—Bringing the Mountain to the Mara: The Role of Obsidian Quarrying on Mt. Eburru in Structuring Early Pastoralist Socio-Economic Identities in Southern Kenya
 10:15 Scott MacEachern—Boko Haram, Coupeurs de Route and Slave-Raiding: Identities and Violence in a Central African Borderland
 10:30 Ann Stahl—What's in a Label? Archaeological Taxonomies and Social Processes Past and Present
 10:45 Questions and Answers

[24] SYMPOSIUM ■ ELLOS FUERON LO QUE HICIERON: ACTIVIDADES DE LA ELITE Y GRUPOS NO ELITARIOS EN LAS TIERRAS BAJAS MAYAS

Room: Golden Gate 3

Time: 8:00 AM - 11:30 AM

Chairs: Nancy Peniche May and Lilia Fernandez Souza

Participants:

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

- domésticos mayas del período Clásico. El caso de Sihó, Yucatán
- 9:15 Beniamino Volta—Household Activities, Status, and Social Organization at Uxul, Campeche, Mexico
- 9:30 Misha Miller-Sisson—Commoner-Elite Interactions: Evidence Subroyal Elite Housemound Excavations at Uxul, Campeche, Mexico
- 9:45 Miriam Gallegos Gomora and Ricardo Armijo—Hilar y tejer en el Palacio y la periferia. Coincidencias y particularidades de dos espacios domésticos del Clásico Tardío en Comalcalco, Tabasco
- 10:00 Kimberly Salyers—Resource Procurement at the Local Level in Classic Maya Chinikihá (AD 600–900)
- 10:15 Sheldon Skaggs, Duncan Balinger and Terry Powis—Defining a Late Classic Maya Granite Workshop at the Tzib Group, Pacbitun, Belize
- 10:30 Carlos Matos Llanes, Héctor Hernández Álvarez, Mario Zimmermann, Lilia Fernández Souza and Anaïs Dervanian—Lo ritual y lo doméstico: estudios químicos de suelos y paleoetnobotánicos en distintas esferas de actividad en la hacienda San Pedro Cholul, Yucatán
- 10:45 Ma Alejandra Espinosa—Las primeras sociedades agrícolas sedentarias en el Valle de Oaxaca: producciones líticas y surgimiento de nuevas necesidades
- 11:00 Marisa Vázquez De Ágredos Pascual—Discussant
- 11:15 Traci Ardren—Discussant

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

(Sponsored by Geoarchaeology Interest Group (GIG))

Room: Plaza B

Time: 8:00 AM - 11:30 AM

Chair: Peter Day

Participants:

- 8:00 Jennifer Meanwell—Function-Based Processing Decisions in the Middle Balsas Region of Guerrero, Mexico
- 8:15 Jill Hilditch—Fabrics of Space and Time: Multiscalar Analytical Approaches to Social Process in the Middle Bronze Age Aegean
- 8:30 Vassilis Kilikoglou and Anno Hein—Petrography and Chemistry Live Together in Perfect Harmony

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

[26] SYMPOSIUM ■ STAYING OUT OF SMALL, SQUARE HOLES: THE CONTRIBUTIONS OF STEPHEN KOWALEWSKI TO THE UNDERSTANDING OF HUMAN SOCIETIES AT REGIONAL AND GLOBAL SCALES

Room: Imperial Ballroom B

Time: 8:00 AM - 11:30 AM

Chair: Veronica Perez Rodriguez

Participants:

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

[27] SYMPOSIUM ■ CRISIS AND OPPORTUNITY: LEGACY COLLECTIONS AND ARCHAEOLOGICAL RESEARCH IN THE 21ST CENTURY
(Sponsored by Museums, Collections and Curation Committee)

Room: Continental Ballroom Parlor 9

Time: 8:00 AM - 11:45 AM

Chair: Ann Stansell

Participants:

- 8:00 Ann Stansell—Excavating the Collections: Redefining Archaeological Practice in the 21st Century through Utilizing Existing Assemblages
- 8:15 Elanor Sonderman—Addressing the Curation Crisis through

- Research in University Legacy Collections
- 8:30 Heather McDaniel—Ethical Consumption and Archaeological Ethics: A Case Study in the Responsible Treatment of Cultural Collections and the Resulting Lessons Learned
- 8:45 Stephanie Lapeyre-Montrose—Forget Me Nots: Smaller Collections Need Archaeologists Too
- 9:00 Elisabeth Rareside—Legacy Collections in Public Education
- 9:15 Hugh Radde—Understanding Island Tongva Villages: Results from the Catalina Island Museum's Toyon Collection
- 9:30 Monica Corpuz—Unearthing the Mysteries of the Frank Palmer Archaeology Collections
- 9:45 Mario Borrero—Forgotten Finds: Updating Existing Collections for Modern Research
- 10:00 Carol Plannette—It Takes a Village to Curate Burro Flats
- 10:15 Margarita Villarreal, Lindsay Jacoby and Karimah Richardson—An Exploration into a New Method of Skeletal Inventory in a Curatorial Setting
- 10:30 Austin Ringelstein—Turning "Crisis" into Opportunity: Rediscovering and Reconnecting with a Colonial Era California Collection
- 10:45 John Foster—Examination of an Archaeological Legacy Collection from San Fernando Mission, California
- 11:00 Barbara Tejada—A "Lost" Collection Makes Its Way Home: The Long Road of the Lost Village of Encino
- 11:15 Stephen Nash—Discussant
- 11:30 James Snead—Discussant

[28] SYMPOSIUM ■ NOSE TO TAIL: AN INTERDISCIPLINARY LOOK AT DOGS IN THE PAST

Room: Union Square 14

Time: 8:00 AM - 11:45 AM

Chairs: Angela Perri and Chelsea Smith

Participants:

- 8:00 Mietje Germonpré, Sergey Fedorov, Mikhail V. Sablin, Martina Láznicková-Galetová and Robert J. Losey—Palaeolithic Dogs in Europe and Siberia
- 8:15 Pat Shipman—The Paleolithic Domestic Dog Hypothesis
- 8:30 Sarah Brown, Christyann Darwent and Ben Sacks—Next-Generation Sequencing Unravels the Relationship of Paleoeskimo and Thule Dogs from the North American Arctic
- 8:45 Chelsea Smith—Investigating Genetic Structure and Dietary Ecology through Ancient DNA and Stable Isotopic Analysis of

- 9:00 Prehistoric Dogs from San Nicolas Island, California
Greger Larson, Keith Dobney, Anna Linderholm, Allowen Evin
and Thomas Cucchi—Paleo-Population Genomics as a Means
to Understand the History of Dog Domestication
- 9:15 Clive Wynne—Insights into Dog Domestication from
Psychological Studies on Dog and Wolf Behavior
- 9:30 Anna Kukekova, Jennifer Johnson, Anastasiya Kharlamova,
Rimma Gulevich and Lyudmila Trut—Genetics of Behavior in
Fox Model of Animal Domestication
- 9:45 Questions and Answers
- 10:00 Luis Pacheco-Cobos and Bruce Winterhalder—Economic
Benefits of Hunting Dogs in the Context of Tropical Horticulture
- 10:15 Angela Perri—Dogs as Weapon Technology: Their Role in
Prehistoric Hunting Groups
- 10:30 Chris Widga and Dennis Lawler—The Earliest Domesticated
Dogs in the Midcontinent: Chronology, Morphology, and
Paleopathology
- 10:45 Robert Losey—Living with People can be Bad for your Health:
Tooth Loss and Trauma in Northern Wolves and Dogs
- 11:00 Erica Hill—Thinking through Dogs in the Arctic
- 11:15 Pam Crabtree—Beyond Bones: Non-Faunal Evidence for the
Role of Dogs in Anglo-Saxon Society
- 11:30 Melanie Fillios—Do Dingoes Hold the Key to Understanding
Human Behavioural Change in Ancient Australia?

**[29] SYMPOSIUM ■ ARCHEOLOGICAL STEWARDSHIP AND SCIENCE IN THE
NATIONAL PARK SERVICE**

Room: Continental Parlor 1

Time: 8:00 AM - 11:45 AM

Chair: Anne Vawser

Participants:

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

- in Urban Parks: an example from the Arch
- 9:15 Erin Dempsey—Losing Ground but Gaining Data: Erosion and Archeology in Badlands Parks
- 9:30 Anne Vawser, Tim Schilling, Ashley Barnett, Allison Young and Michael Schumacher—Where the Buffalo Still Roam: Archeology of a Buffalo Jump and Prehistoric Village Site at Wind Cave National Park
- 9:45 Questions and Answers
- 10:00 Jay Sturdevant, Brenda Todd, Wendy Ross and Craig Hansen—Preservation Practice at Knife River Indian Villages National Historic Site: Using New Planning Frameworks to Identify and Address Impacts to an Archeological Landscape
- 10:15 Staffan Peterson and Daniel Eakin—Archeology of the Nez Perce War of 1877 in Yellowstone National Park, WY.
- 10:30 Richard Greene and Steve Baumann—The Distinctive Archeological Landscape of the El Malpais National Monument Lava Flows
- 10:45 Matthew Guebard—Developing New Interpretations from Old Data at Montezuma Castle National Monument, Arizona
- 11:00 Wanda Raschkow—Mystery in Grapevine Canyon: Gender and Ethnicity in a Historic Period Site
- 11:15 Jennifer Pederson Weinberger—Overview of Archaeological Research in the NPS Alaska Region
- 11:30 Robert Bryson—Discussant

[30] SYMPOSIUM ■ THE INTERSECTION OF SACREDNESS AND ARCHAEOLOGY

Room: Yosemite A

Time: 8:00 AM - 11:45 AM

Chairs: Donna Gillette and Thomas Sanders

Participants:

- 8:00 Donna Gillette—The Sacred and the sacred
- 8:15 Patricia Emerson—Defining Sacred
- 8:30 Howard Vogel—The Clash of Stories at Sacred Sites: Reframing the Task of Protecting Indigenous Sites
- 8:45 Christopher (Toby) McLeod—Standing on Sacred Ground
- 9:00 John Soderberg—The intersection of the sacred and the everyday in medieval Ireland
- 9:15 Gabriel Cooney—Encountering the Sacred in the Everyday; from Prehistory to the Present
- 9:30 Robert David—The Landscape of Klamath Basin Rock Art
- 9:45 Thomas Sanders—The Hindquarters of God, Seeing the

- Sacred in a Landscape
 10:00 Brian Hoffman, Chelsea Starke, Forest Seaberg-Wood, Kevin Reider and Liesl Weber Darnell—Inyan: Towards Understanding Sioux Quartzite and a Sacred Landscape
 10:15 Jewel Gentry—Marking the Sacred: Reading between the Abraded Lines of Mission San Miguel the Arcángel
 10:30 Breck Parkman—Sacrifice, Litter, and Loss: The Archaeology of the Recent Past atop a Sacred Island in the Sky
 10:45 Teresa Saltzman—Issues Involved in the Recording and Protection of a Previously Unknown Rock Art Site in Northern California
 11:00 James Jones—Indigenous Cultural Resource Ceremonies
 11:15 Cory Wilkins—Archaeological Preservation
 11:30 Larry Zimmerman—Discussant

[31] SYMPOSIUM ■ FROM FORAGERS TO EMPIRES: RECENT RESEARCH ON THE SOUTH COAST OF PERU

Room: Plaza A

Time: 8:00 AM - 12:00 PM

Chair: Kevin Vaughn

Participants:

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

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

[32] SYMPOSIUM ■ RE-EVALUATING THE MARGINALITY OF CALIFORNIA'S ISLANDS: IMPLICATIONS FOR ARCHAEOLOGICAL INTERPRETATION

Room: Franciscan CD

Time: 8:00 AM - 12:00 PM

Chairs: Kristina Gill and Mikael Fauvelle

Participants:

- 8:00 Todd Braje—Defining Marginality Under Shifting Baselines: Historical Transformations of California's Channel Island Ecosystems
- 8:15 Kristina Gill and Kristin Hoppa—Gathering Evidence: Terrestrial Plant Resources of California's Islands
- 8:30 Mikael Fauvelle and Andrew Somerville—Calories, Canoes, and Cross-Channel Trade: Exploring the Efficiency of Maritime Subsistence Exchange
- 8:45 Michael Glassow and Jennifer Perry—Importation of Deer Bone to the Channel Islands, California, during the Middle Holocene
- 9:00 Jon Erlandson, René Vellanoweth, Torben Rick and Nicholas Jew—Toolstone Sources off the Pacific Coast of Alta California: Implications for Evaluating the Marginality of Islands through Space and Time

- 9:15 Amira Ainis, Kristina Gill, Jon Erlandson, René Vellanoweth and Kristin Hoppa—Perishable but Not Forgotten: The Potential Use of Seaweeds on California's Channel Islands
- 9:30 Terry Joslin—Fishing and Ecological Resilience on California's Channel Islands
- 9:45 Emily Whistler, Amira Ainis and Rene Vellanoweth—Making Ancient Birds Sing: Avian Archaeology on the California Channel Islands.
- 10:00 Christopher Jazwa, Lorne Leonard, Chris Duffy and Douglas Kennett—Freshwater Availability and Prehistoric Settlement Patterns on California's Northern Channel Islands
- 10:15 Amy Gusick and Jon Erlandson—Why Did Paleocoastal People Settle California's Islands?
- 10:30 Jeanne Arnold—It Takes a Village: Mainland and Channel Islands Population (Labor) Resources through Time
- 10:45 Queeny Lapeña, Jessica Morales and René Vellanoweth—The Distribution and Chronology of Abalone Middens on the California Channel Islands
- 11:00 Lynn Gamble and Brian Barbier—Household Archaeology on the Northern Channel Islands of the Santa Barbara Coast, California
- 11:15 Matthew Des Lauriers and Danny Sosa—The Assumption of Insular Marginality: The Curious Case of Isla Cedros, Baja California
- 11:30 Terry Jones—Discussant
- 11:45 Scott Fitzpatrick—Discussant

[33] SYMPOSIUM ■ COGNITIVE ARCHAEOLOGY**Room:** Yosemite C**Time:** 8:00 AM - 12:00 PM**Chairs:** Lana Ruck and Natalie Uomini**Participants:**

- 8:00 Kathleen Gibson—Primateology, Developmental Psychology, and the Birth of Cognitive Archaeology
- 8:15 Thomas Wynn—The Handaxe Aesthetic
- 8:30 Emiliano Bruner—Visuospatial Integration: Perspective in Cognitive Archaeology
- 8:45 Frederick Coolidge—Higher Cognitive Sequelae of the Recently Expanded Parietal Lobes in *Homo sapiens*
- 9:00 Karenleigh Overmann—Numbers and Time: The Role of Materiality in Numerical Cognition
- 9:15 Erella Hovers and Anna Belfer-Cohen—Prehistoric

- Perspectives on 'Others' and 'Strangers'
- 9:30 Questions and Answers
- 9:45 Ceri Shipton, Antoine Muller, Chris Clarkson, Richard Jennings and Mike Petraglia—Hominin Cognition Across the Acheulean to Middle Palaeolithic Transition
- 10:00 Nada Khreisheh—Learning to Think: Using Experimental Flintknapping to Interpret Prehistoric Cognition
- 10:15 Thomas Morgan, Natalie Uomini, Luke Rendell, Ignacio de la Torre and Kevin Laland—The Social Transmission of Oldowan Lithic Technology
- 10:30 P. Schoenemann and Lindsey Kitchell—Handedness and the Evolution of Tool Use in Humans
- 10:45 Lana Ruck—Determining Hominid Handedness in Lithic Debitage: A Review of Current Methodologies
- 11:00 Dietrich Stout—Stone Tool-Making and the Right Cerebral Hemisphere
- 11:15 Robert Mahaney—Finding the Cognitive Neurocognitive Core of Paleolithic Stoneknapping: An ALE Meta-Analysis
- 11:30 Georg Meyer and Natalie Uomini—Using Neuroimaging in Archaeology to investigate Cognitive Evolution
- 11:45 Questions and Answers

[34] SYMPOSIUM ■ ARCHAEOLOGIES BY COMMUNITY MANDATE: PRACTICING COLLABORATIVE AND COMMUNITY-ENGAGED RESEARCH

(Sponsored by Indigenous People's Interest Group and Committee on Native American Relations)

Room: Continental Ballroom 4

Time: 8:00 AM - 12:00 PM

Chairs: Heather Atherton, Jun Sunseri and Charlotte Sunseri

Participants:

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

- at Tolay Lake Regional Park
- 9:15 Stephen Silliman and Katherine Sebastian Dring—Taking and Giving: Finding the Balance in Community Archaeology
- 9:30 Lindsay Montgomery—From Consultation to Collaboration: Expanding the Scope of Archaeology's Engagement with Indigenous People
- 9:45 Michael Adler—Practicing Community Archaeology and Present Communities of Practice in Archaeology: A Southwestern Perspective
- 10:00 Johannes Loubser—More than Mere Dots on a Map: Archaeological Sites among Venda-Speaking Communities of the Soutpansberg
- 10:15 J. Bremer and Anne Baldwin—Evolving Histories and Changing Archaeologies on the Santa Fe National Forest
- 10:30 Peter Mills—Close to Home: Bringing Heritage Management Graduate Programs to Descendant Communities
- 10:45 Ora Marek-Martinez—Archaeology?! Yadilah! Collaborative Archaeology and Lessons from the Navajo Nation
- 11:00 Deborah Huntley, Suzanne Eckert and Karen Schollmeyer—Finding the Balance: Case Studies in Collaboration and Community Engagement from the American Southwest
- 11:15 Bonnie Clark—The Good, the Bad, and the Awkward: The Archaeology Open House as Heritage Process
- 11:30 Joe Watkins—Discussant
- 11:45 Sonya Atalay—Discussant

[35] SYMPOSIUM ■ THE FRISON INSTITUTE/GEOARCHAEOLOGY INTEREST GROUP SYMPOSIUM: ARCHAEOLOGY AND GEOARCHAEOLOGY OF ROCKSHELTERS AND CAVES

(Sponsored by The Frison Institute/Geoarchaeology Interest Group)

Room: Continental Ballroom 6

Time: 8:00 AM - 12:00 PM

Chairs: Robert Kelly, Nicolas Naudinot and Matthew Rowe

Participants:

- 8:00 Brian Andrews, Metin Eren, Susan Mentzer and David Meltzer—Goodson Shelter: Recent Excavations at a Newly Discovered Deeply Stratified Rockshelter in Northeastern Oklahoma
- 8:15 Geoffrey Smith, Madeline Van der Woort and Aaron Ollivier—The Pre-Mazama Occupation of the LSP-1 Rockshelter, Warner Valley, Oregon

- 8:30 Patrick O'Grady, Joe Collins, Michael Rondeau and Scott Thomas—Near and Far: Spatial Relationships of Inter- and Intra-Site Artifacts at Rimrock Draw Rockshelter (35HA3855), Harney County, Oregon.
- 8:45 Paul Goldberg, Vera Aldeias, Dennis Sandgathe, Alain Turq and Laurent Bruxelles—Aspects of Site Formation Processes at the Paleolithic Site of La Ferrassie (Dordogne), France
- 9:00 Nicolas Naudinot and Grégor Marchand—Take Shelter! The Contributions of Rock-Shelter Archaeology to Understanding the Socio-Economic Organization of Final Paleolithic/Mesolithic societies in Western France
- 9:15 Marc Jarry, François Bon, Laurent Bruxelles, Céline Pallier and Lars Anderson—Aurignacian(s) in the Mas d'Azil Cave (Ariège, Pyrénées, France)
- 9:30 Roxana Cattaneo and Andres Dario Izeta—Rethinking Deodoro Roca Rockshelter (Ongamira, Córdoba, Argentina). Seventy Years of Archaeological Ideas
- 9:45 Charles Kolb—Tales from Three Caves and a Rockshelter in Balkh Province, Northern Afghanistan
- 10:00 Judson Finley and Matthew Rowe—Rockshelters as Late Quaternary Geoarchaeological Records in the Bighorn Mountains, Wyoming
- 10:15 Matthew Rowe and Judson Finley—Rockshelters in the Bighorn Basin, Wyoming; Environment, Ecology, and Landuse Patterns
- 10:30 James Enloe—Rockshelters and Farming Villages: Complementary Seasonal Occupations at Woodpecker Cave
- 10:45 Edward Herrmann and Matthew Rowe—The Rockhouse Hollow Rockshelter, Ohio River Valley
- 11:00 Justin Carlson and George Crothers—Anthropogenic Fire Management and Changing Land-Use Strategies in the Mammoth Cave Plateau and Sinkhole Plain, Central Kentucky, USA
- 11:15 Theodore Marks—Two Rockshelters in the Namib: Land Use, Site Use, and Risk over the Middle to Later Stone Age Transition in Southwestern Africa
- 11:30 Christopher Ames and Benjamin Collins—Revisiting Grassridge Rockshelter in the Eastern Cape Province of South Africa: Results of the 2014 Field Season
- 11:45 Ryan Breslawski and David Byers—Controlling for Carnivores and Shaft Fragmentation in Skeletal Element Analysis: Some Insights from Southern Idaho Cave Deposits

[36] SYMPOSIUM ■ DIFFERENCE IN ARCHAEOLOGICAL THEORY AND PRACTISE**Room:** Union Square 21**Time:** 8:15 AM - 11:30 AM**Chairs:** Roland Fletcher and John Papadopoulos**Participants:**

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

[37] SYMPOSIUM ■ THE QIJIA CULTURE OF NORTHWEST CHINA – ENTERING A NEW ERA OF RESEARCH**Room:** Union Square 13**Time:** 8:15 AM - 12:00 PM**Chair:** Rowan Flad**Participants:**

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

- Province, China
- 9:00 Rita Dal Martello—Rethinking Burial Practice in Qijia Culture
- 9:15 Christine Lee—Preliminary Bioarchaeological Analysis of the Qijia Culture Mogou Site (2400–1900 BCE), Gansu Province, China
- 9:30 Hua Wang, Ruilin Mao and Hui Wang—Ritual Animal Use of "Qijia Cultural," Evidence from Mogou Cemetery, Lintan County, Gansu Province, China
- 9:45 David Fargo, Maolin Ye and Yin Lam—Early Bronze Age Animal Use at Lajia, a Qijia Culture Site in Qinghai Province, China
- 10:00 Questions and Answers
- 10:15 XiaoLi Qin—Turquoise Ornaments and Inlays Technology in Qijia Culture—A Comparative Study of Qijia Culture and Erlitou Culture
- 10:30 Ariel OConnor and Katherine Eremin—A Technical Study of Casting and Inlay on Chinese Ceremonial Weapons at the Harvard Art Museums
- 10:45 Minmin Ma, Guanghui Dong, Hui Wang and Fahu Chen—Dietary Shift and Cultural Evolution Relation to Intercontinental Cultural Exchanges and Climate Change in the Hehuang and Contiguous Regions, Northwest China ~3600 Years Ago: Evidence from Carbon and Nitrogen Stable Isotopic Analysis
- 11:00 Weimiao Dong and Guanghui Dong—Cereal Cultivation Shift during Qijia Culture Period in Gansu and Qinghai Province, NW China: Archaeobotanic Evidence
- 11:15 Hui Wang—The Evolution of the Qijia Culture and its Contacts with Other Cultures
- 11:30 Louisa Fitzgerald-Huber—Discussant
- 11:45 Shuicheng Li—Discussant

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

Room: Golden Gate 2

Time: 8:30 AM - 11:30 AM

Chair: Kathryn Sorensen

Participants:

- 8:30 Nicholas Hearsh—A Forgotten Facet of Fedick: Scott's Contributions to Maya Lithics Research
- 8:45 Darcy Wiewall—Peopling the Landscape: Scott Fedick and His Contributions to Household Subsistence Strategies
- 9:00 John Gust—Debt Peonage and Free Labor: Post-Caste War

- Sites in Northern Quintana Roo and Western Belize
- 9:15 Bethany Morrison—Beyond the Death March: Scott Fedick's Legacy as a Field School Director
- 9:30 Lucia Gudiel—An Ethnoarchaeological Approach to Understanding the Role of Root-crops in Ancient Lowland Maya Subsistence
- 9:45 Shanti Morell-Hart—Fedickschrift: Notes on a Prominent Historical Figure in Ethnoecology, Ethnoarchaeology, and Landscape Studies
- 10:00 Daniel Leonard and Jennifer Chmilar—Fedick-ian Approaches to Wetland Studies: Rock Alignments, Resilience, and the Pulse-Based Ecosystem
- 10:15 Lance Wollwage—Scott's Snails: Freshwater and Wetland Gastropods as Indicators of Environmental Change in the Yalahau Region, Quintana Roo, Mexico
- 10:30 Anna Hoover—Preparing for the Future through Rock Mounds and Research
- 10:45 Jeffrey Glover and Dominique Rissolo—Exploring the Coastal Mosaic of Northern Quintana Roo: The Proyecto Costa Escondida and Scott L. Fedick's Continuing Legacy in the Northern Maya Lowlands
- 11:00 Jennifer Mathews and Kathy Sorensen—Has Anyone Heard from Scott Fedick?
- 11:15 Anabel Ford—Discussant

[39] SYMPOSIUM ■ RECONSIDERING THE "EPIC" IN THE EPICLASSIC PERIOD OF MESOAMERICA PART 1: REGIONAL INTERACTIONS

Room: Continental Ballroom 5

Time: 8:30 AM - 11:30 AM

Chair: Cynthia Kristan-Graham

Participants:

- 8:30 John Pohl—Discussant
- 8:45 Marcus Winter, Robert Markens and Cira Martínez López—The Epiclassic in Oaxaca (600–900 CE)
- 9:00 Christopher Beekman—Western Mexico: Opening Act of the Mesoamerican Epiclassic
- 9:15 Natalia Moragas Segura—Talking about Epiclassic at Teotihuacan: the urban question
- 9:30 Javier Urcid—Teotihuacan and post-Teotihuacan Writing in the Central Highlands as seen from NW Oaxaca and Southern Puebla
- 9:45 Mario Martínez Lara—The Presence of Teotihuacan's

- Iconography at Cacaxtla, Tlaxcala: A Reflection on Its Interpretations
- 10:00 Questions and Answers
- 10:15 Juliette Testard—Women, Metaphors of Alterity. Expressing Elites Interactions at Cacaxtla-Xochitecatl (Tlaxcala) and Xochicalco (Morelos)
- 10:30 Oswaldo Chinchilla—Epiclasic in Southern Mesoamerica? Tradition, Innovation, and Reaction in Pacific Guatemala
- 10:45 Rex Koontz—Patterns of Elite Self-Presentation in North-Central Veracruz, Middle to Epiclasic Periods
- 11:00 Keith Jordan—From Tula Chico to Chichenitza: Implications of the Epiclasic Sculpture of Tula for the Nature and Timing of Tula-Chichen Contact
- 11:15 Dan Healan—Discussant

[40] SYMPOSIUM ■ HUMAN ADAPTATIONS TO ENVIRONMENTAL CHANGE DURING THE TERMINAL PLEISTOCENE AND EARLY HOLOCENE - PART 1

Room: Imperial Ballroom A

Time: 8:30 AM - 11:30 AM

Chair: Ivana Radovanovic

Participants:

- 8:30 William Banks—Culture-Environment Relationships and Heinrich Stadial 1 in Western Europe: Are Ecological Niche Shifts Implicated?
- 8:45 Sarah Lacy—Using Oral Health Indicators as Evidence of Environmental Instability and Subsistence Shifts in the Late Upper Paleolithic of Western Eurasia
- 9:00 Jennifer French—Human Responses to Late Pleistocene Environmental Change in South-Western France
- 9:15 Clive Bonsall, Catriona Pickard and Peter Groom—Intensification of Aquatic Resource Exploitation at the Terminal Pleistocene/Early Holocene Boundary?
- 9:30 Michael Jochim—A Lacustrine Revolution: Adaptive Shifts in the Late- and Postglacial of South Central Europe
- 9:45 Philippe Crombé and Erick Robinson—The Impact of the 9.3 Cooling Event on the Human Environment in the Southern North Sea Basin
- 10:00 James Phillips and Ofer Bar-Yosef—Terminal Pleistocene Foraging Societies in the Nile Valley
- 10:15 Ofer Bar-Yosef and James Phillips—Levantine Foragers during the Terminal Pleistocene and Early Holocene

- 10:30 Leore Grosman—The Late Natufian Culture Dynamics during the Younger Dryas Event
- 10:45 Simon Connor, Shawn Ross, Adela Sobotkova and Ilia Iliev—Early Holocene Aridity and the First Farmers of Europe
- 11:00 Natalie Munro and Mary Stiner—Faunal Evidence for the Neolithic Colonization of Franchthi Cave, Greece (ca. 7000–6500 cal BC)
- 11:15 Questions and Answers

[41] SYMPOSIUM ■ THE EVOLUTION OF INTENSIVE PLANT USE BY COMPLEX HUNTER-GATHERERS: ARCHAEOBOTANICAL RECORDS FROM CALIFORNIA

Room: Golden Gate 6

Time: 9:45 AM - 12:00 PM

Chairs: Seetha Reddy and Eric Wohlgemuth

Participants:

- 9:45 Eric Wohlgemuth—Environmental Constraints and Plant Food Intensification in the Sacramento Valley
- 10:00 Heather Thakar—Evidence of Specialization and Intensification of Small Seed Exploitation on Santa Cruz Island, California
- 10:15 Wendy Pierce and Gary Scholze—Native Irrigation in Owens Valley: The 2000 Year Back-story
- 10:30 Jenna Santy—Ancient Starch Research In California: Results from CA-SBA-53
- 10:45 Seetha Reddy—Changes Palates and Resources: Modeling Diachronic Plant Use in Prehistoric California
- 11:00 Rob Cuthrell—Archaeobotanical Evidence and Diachronic Changes in Foodways of Indigenous Groups in the Central Coast and San Francisco Bay Regions, California
- 11:15 Kristin Hoppa and Kristina Gill—Plant Use at Diablo Valdez, Santa Cruz Island: Evidence from Macrobotanical and Starch Grain Remains
- 11:30 Angela Arpaia—Plant Remains Assemblage in Santa Clara Valley
- 11:45 Christine Hastorf—Discussant

[42] FORUM ■ 3D MODELING AND PRINTING IN ARCHAEOLOGY: TRANSFORMATIVE INNOVATIONS/APPROPRIATIONS
(Sponsored by Sustainable Archaeology/iPINCH)

Room: Union Square 2

Time: 10:00 AM - 12:00 PM

Moderators: Neal Ferris and George Nicholas

Participants:

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

[43] SYMPOSIUM ■ CREATIVE PUBLIC-CENTERED APPROACHES TO COMPLIANCE ARCHAEOLOGY

(Sponsored by SAA Public Archaeology Interest Group)

Room: Golden Gate 4

Time: 10:00 AM - 12:00 PM

Chair: Christina Rieth

Participants:

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

[44] GENERAL SESSION ■ HISTORICAL ARCHAEOLOGY OF PLANTATIONS AND ENSLAVED PEOPLES

Room: Union Square 25

Time: 10:15 AM - 11:45 AM

Chair: Marco Meniketti

Participants:

- 10:15 Marco Meniketti—Work and Models of Efficiency in Eighteenth

- and Nineteenth Century Sugar Factories: A Caribbean Case Study
- 10:30 Clete Rooney, David Morgan and Kevin MacDonald—
Archaeology of the 18th-Century French Colonial Metoyer Land Grant Site, Natchitoches, Louisiana
- 10:45 Todd Ahlman—Costly Signaling, Risk Management, and Network Creation: Commodity Production and Exchange in the Historic Caribbean
- 11:00 Alicia Odewale—Opposing Views in African-American Archaeology: Use of Resistance or Risk Management to Explain Cultural Material of the Enslaved
- 11:15 Lauren Maas—A Comparative Analysis of Decorative Ceramics and Choice at the Gregory Lincoln/HSPVA Site and the Levi Jordan Plantation Site
- 11:30 Amy Jordan—Alone in the Deep Blue Sea: A Comparison of Indonesian Colonial Period Nutmeg Plantations and New World Plantations

[45] SYMPOSIUM ■ NEW AND INNOVATIVE APPROACHES TO OVERSEAS CHINESE ARCHAEOLOGY

Room: Golden Gate 8

Time: 10:30 AM - 12:00 PM

Chairs: Chelsea Rose and Ryan Kennedy

Participants:

- 10:30 Ryan Kennedy—Plants, Animals, and Food Choice within the Market Street Chinatown, San Jose, California
- 10:45 Chelsea Rose—Getting Burned: Fire, Politics, and Cultural Landscapes in the American West
- 11:00 Molly Swords—Unearthing Sandpoint's Chinatown: The Archaeology of Sandpoint, Idaho's Overseas Chinese
- 11:15 Sarah Heffner—Exploring Healthcare Practices of Chinese Railroad Workers in North America
- 11:30 Mary Maniery—Scraping Our Way To The Past: A Methodological Approach for Chinese Rural Work Camps
- 11:45 Adrian Praetzelis—Discussant

[46] GENERAL SESSION ■ ARCHAEOLOGY OF THE INCA EMPIRE

Room: Golden Gate 1

Time: 10:30 AM - 12:00 PM

Chair: Jessica Christie

Participants:

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

**[47] GENERAL SESSION ■ ARCHAEOLOGICAL SURVEY AND LANDSCAPE
ARCHAEOLOGY IN THE EUROPE, ANATOLIA, AND AFRICA**

Room: Continental Parlor 3

Time: 10:30 AM - 12:00 PM

Chair: Stephen Davis

Participants:

- 10:30 Edward Banning, Sarah T. Stewart, Philip Hitchings and Steven Edwards—Sweep Widths in the Evaluation of Coverage by Archaeological Surveys in Jordan and Cyprus
- 10:45 Antonio Malpica Cuello—Paisajes agrarios en la montaña costera del reino de Granada
- 11:00 Omur Harmansah and Peri Johnson—Landscape Archaeology and Political Ecology in Anatolia: The Yalburt Yaylasi Project 2014 Season
- 11:15 Attila Gyucha, William A. Parkinson, Richard W. Yerkes and Paul R. Duffy—Long-Term Changes in Settlement Patterns and Local Land Use on the Great Hungarian Plain
- 11:30 Stephen Davis, Knut Rassman, Hans-Ullrich Voss, Chris Carey and Christine Markussen—Landscape-Scale Survey at the Brú na Bóinne World Heritage Site, Ireland
- 11:45 Brian Clark—Problems of Archaeological Site Preservation and Identification in the Highland Mountains of Ethiopia

**[48] GENERAL SESSION ■ CONTRIBUTIONS TO MODELING IN
ARCHAEOLOGY**

Room: Golden Gate 5

Time: 10:30 AM - 12:00 PM

Chair: David Purcell

Participants:

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

[49] POSTER SESSION ■ ARCHAEOLOGY IN ASIA

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

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

- 49-g Chihhua Chiang—Use-Wear Analysis of the Stone Tools at the Wansan Site, a Neolithic site in Taiwan
- 49-h Cheng-Yi Lee, Maa-Ling Chen, Peter Ditchfield, Mark Pollard and Ching-Hua Lo—The Diet and Subsistence System of Yuan-Shan People in Taiwan
- 49-i Bong Kang—A Reexamination of the Terrestrial Animals Depicted on the Rock Art of Bangudae in Southern Korea: Problems of Animal Domestication and Chronology
- 49-j Andrea Yankowski and Puangtip Kertsap—Salt and Salt Fermented Fish in Northeast Thailand, Prehistory to the Present

[50] POSTER SESSION ■ GLOBAL HISTORICAL ARCHAEOLOGY

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

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

[51] POSTER SESSION ■ ARCHAEOLOGY OF THE MEDITERRANEAN REGION AND CLASSICAL WORLD

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 51-a Laura Swantek—Understanding Changes in Social Complexity during the Prehistoric Bronze Age on Cyprus: A Bottom-Up Approach
- 51-b Hans Barnard, Brett Kaufman and Ali Drine—Overview of Two Seasons in the Roman and Neo-Punic Settlement of Zita (Zyan), Southern Tunisia
- 51-c Bianca Hand and P. Nick Kardulias—Hellenistic and Roman

- 51-d Votive Sculptures as Markers of Foreign Influence on Cyprus
James Torpy and P. Nick Kardulias—Religious and Mortuary
Landscapes in Archaic Cyprus
- 51-e Victoria Moses—Temple, Tavern, and Table: Zooarchaeology at
the Area Sacra di Sant'Omobono from the 7th century BCE to
the 13th century CE
- 51-f Sean Bergin—Modeling the Influx of Agriculture: An Agent-
Based Model Exploring Agricultural Spread Scenarios in the
Western Mediterranean

[52] POSTER SESSION ■ ARCHAEOLOGIES OF ISLANDS AND ATOLLS OF OCEANIA

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 52-a Jennifer Huff—Holocene Transitions in Highland Papua New
Guinea: Linking Climate Change to Changes in Subsistence and
Mobility with New Models and Data
- 52-b Mark Golitko, Ethan Cochrane, Shaun Williams and Jason
Kariwiga—Archaeological and Paleo-Environmental
Investigations in the Aitape Area of Northern Papua New
Guinea, 2014
- 52-c Adam Thompson, Aaron Poteate, Scott Fitzpatrick and William
Ayres—Early Settlement of Atolls in Eastern Micronesia:
Investigations on Mwoakilloa Atoll
- 52-d Cherie Walth—Mortuary Practices of the Pre-Latte and Latte
People of Guam Based on Data from the Naton Beach Site
- 52-e Sean Hixon, Carl Lipo and Terry Hunt—The Colossal Hats
(pukao) of Monumental Statues: An Analysis of Shape Variability
among the pukao of Rapa Nui
- 52-f Yan Cai—Socioeconomic Change in Tikopia Household under
the Perspective of Ecological Change
- 52-g Sophie Miller—Whose Bone is This? An Investigation into
Modern Histological Methods of Species Identification with
Application to Archaeological Faunal Assemblages in the Pacific
- 52-h Ian Takaoka and Jozie Banas—Nukubalavu 1: A Preliminary
Examination of Mid-Sequence Ceramics and Culture Change on
Vanua Levu, Fiji
- 52-i Jennifer Huebert—Anthropogenically Driven Decline and
Extinction of Sapotaceae on Nuku Hiva (Marquesas Islands,
East Polynesia)
- 52-j Matthew Cole, Matt Becker and Carl Lipo—Coastal Groundwater

- Seeps on Rapa Nui
- 52-k Jordan Pratt, Isabela Kott, Christopher Lee, Carl P. Lipo and Terry L. Hunt—Application of Object-Based Image Analysis of High Resolution Imagery to Identify Archaeological Features on Rapa Nui (Easter Island, Chile)
- 52-l Nicole Hernandez, Julie Field, John Dudgeon and Christopher Roos—Starch and Ceramics: Dietary Transition and Technology in the Sigatoka Valley, Fiji
- 52-m Tanya Zeferjahn, Michelle Baroldi, Chris Lee, Carl Lipo and Matt Becker—Rapa Nui: The Influence of Freshwater Sources on Prehistoric Settlement Distribution
- 52-n Isabela Kott, Carl P. Lipo, Christopher Lee and Terry L. Hunt—Spatial Analysis of Prehistoric Garden Features on Rapa Nui (Easter Island, Chile)

[53] POSTER SESSION ■ PALEOANTHROPOLOGY AND THE ARCHAEOLOGY OF THE STONE AGE

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 53-a Somayeh Khaksar and Grant McCall—Delazian: An Open-Air Upper Paleolithic Site in Central Iran
- 53-b Marc Kissel, Agustín Fuentes and Celia Deane-Drummond—The Evolution of a Distinctive Human Niche: Assessing and Describing the Development of Wisdom in the Pleistocene the Archeological Record
- 53-c Celia Goncalves, Joao Cascalheira, Mussa Raja, Omar Madime and Nuno Bicho—Mapping the Stone Age in Mozambique: Preliminary Results
- 53-d Rachel Moy—Neolithic vs. Late Stone Age: The Neolithic Revolution in the Horn of Africa Reconsidered
- 53-e Charles Egeland, Alexa Uberseder and Cynthia Fadem—Recent Paleoanthropological Work at DK East, Olduvai Gorge, Tanzania
- 53-f Curran Fitzgerald, Charles Egeland, Ryan Byerly, Cynthia Fadem and Audax Mabulla—Geochemical and Physical Characterization of Lithic Raw Materials in the Olduvai Basin, Tanzania
- 53-g Hilary Duke and Sonia Harmand-Lewis—New Data from Old Stones: A Technological Pilot Study of Lithics from Kokiselei 6 (1.8 mya) in West Turkana, Kenya
- 53-h Karisa Terry, Masami Izuho, Noriyoshi Oda, Jeffery Ferguson and Ian Buvit—Obsidian Access and Territoriality at the Upper

- 53-i Paleolithic Shimaki Site, Hokkaido, Japan
Masami Izuho, Ian Buvit, Takeyuki Ueki, Gunchinsuren Byambaa and Tsogtbaatar Batmunkh—In Search of Upper Paleolithic Sites in Alluvial Contexts in the Tsukh (Chikoi) Valley, Northern Mongolia
- 53-j Ilaria Patania, Paul Goldberg, Xiaohong Wu, Chi Zhang and Ofer Bar-Yosef—Micromorphology and Site Formation Processes at Xianrendong Cave (South China): A Preliminary Analysis of the Late Upper Palaeolithic Layers.
- 53-k Anna Goldfield and Ross Booton—Modeling the Potential Effects of Cooking on Neanderthal Hunting Efficiency
- 53-l Naomi L. Martisius, Tamara Dogandžic, Michel Lenoir, Shannon P. McPherron and Teresa E. Steele —Neandertal Subsistence at the Late Mousterian Site of Abri Peyrony, France
- 53-m Rebecca Docchio and Julien Riel-Salvatore—Lithic Analysis of Late Mousterian Assemblages at Riparo Bombrini
- 53-n Kristen Wroth, Dan Cabanes, Paul Goldberg, Vera Aldeias and Dennis Sandgathe—Phytolith Analysis and Micromorphology of Neandertal Combustion Features at Roc de Marsal, SW France
- 53-o Joelle Nivens—Red and Yellow Tracks in the Aurignacian: The Spatial Distribution of Colorants at Abri Castanet (Dordogne, France)
- 53-p Anna Waterman, Jonathan Thomas, James Enloe and David Peate—The Influence of Prey Availability on Ice Age Hunting Strategies: Tracing Magdalenian Reindeer Migratory Patterns Using Strontium Isotope ($^{87}\text{Sr}/^{86}\text{Sr}$) Analysis of Reindeer Teeth from Verberie (Oise, France)

[54] POSTER SESSION ■ NEW PERSPECTIVES ON THE ROMANIAN BRONZE AGE

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Chair: Colin Quinn

Participants:

- 54-a Colin Quinn—Decoupling Decoration and Dates: A New Absolute Chronology for the Transylvanian Middle Bronze Age
- 54-b Jordan Dalton and Colin Quinn—Agropastoralism in Bronze Age Transylvania: An Analysis of Faunal Assemblages from the Geoagiu and Mureş Valleys
- 54-c Elspeth Geiger—Investigating Wood Acquisition Strategies from Archaeological Charcoal: Implications for the Bronze Age Site of Pecica Şanţul Mare

- 54-d Laura Motta and Laura Jessmore—Analysis of Plant Remains from the Bronze Age Site of Pecica Șanțul Mare
- 54-e Polly Burnette-Egan—Middle Bronze Age Animal Economies: Transitions at Pecica Santul Mare (Romania)

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

Participants:

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

[56] SYMPOSIUM ■ PHOTONS IN THE FIELD: NEW APPROACHES TO THE

**USE OF PORTABLE X-RAY FLUORESCENCE (pXRF) IN
ARCHAEOLOGICAL FIELDWORK****Room:** Continental Ballroom Parlor 7**Time:** 10:45 AM - 12:00 PM**Chairs:** Mark Horton and Charlotte Goudge**Participants:**

- 10:45 Mark Horton—Ethics and In-situ Science
11:00 Charlotte Goudge—The Copper Trade of Hatteras Island
11:15 Alexis Ohman—Exploration in Portable X-ray Fluorescence
(pXRF) Applications to Zooarchaeology
11:30 Madeleine Gunter, Nathan Goodale, David Bailey, Ian Kuijt and
Ryan Lash—Interpreting Ecclesiastical Mobility: A pXRF Study
of Medieval Gravestones in Ireland
11:45 Cory Look, Erin Friedman, Matthew Brown and Reg Murphy—
Indian Creek Revisited: The Use of Portable X-ray
Fluorescence (pXRF) Soil Analysis to Characterize Areas
without Artifacts

[57] SYMPOSIUM ■ CONFLICT AND SOCIETY IN VIKING AGE SCANDINAVIA**Room:** Yosemite B**Time:** 11:00 AM - 12:00 PM**Chair:** Ben Raffield**Participants:**

- 11:00 Frands Herschend—In Search of Something Better
11:15 Ben Raffield, Neil Price and Mark Collard—The 'Bare Branches'
of Scandinavian Society and the Origins of Viking Raiding
11:30 Claire Greenlow, Ben Raffield, Neil Price, Amelia Barker and
Mark Collard—Viking Skeletal Remains in Northern Europe: A
Survey
11:45 Neil Price—Pirates of the North Sea? The Viking Ship as
Political Space

**[58] GENERAL SESSION ■ NEW METHODS IN ARCHAEOMETRY IN
MESOAMERICA****Room:** Continental Parlor 2**Time:** 11:00 AM - 12:00 PM**Chair:** Edgar Leal Hernandez**Participants:**

- 11:00 Tawny Tibbits, Ellie Harrison-Buck and Terry Powis—Granite
and pXRF: An Experimental Approach to Nondestructive
Sourcing of Ground Stone Tools

- 11:15 Edgar Leal Hernandez, Luis J. Venegas de la Torre and Mario Zimmermann—Chemical Residue and Microbotanical Analyses in the Royal Kitchen at Kabah, Yucatan
- 11:30 Ludo Snijders and Tim Zaman—Colorful Pictures: Understanding the Material of the Mesoamerican Precolonial Codices
- 11:45 Adam Sellen—Using X-Radiography to Reveal an Ancient Zapotec Urn

[59] SYMPOSIUM ■ "DIY DIGITECH" IN ARCHAEOLOGICAL FIELDWORK: INNOVATIVE ADAPTATIONS OF LOW(ER)-BUDGET DIGITAL TECHNOLOGIES

Room: Golden Gate 7

Time: 11:15 AM - 12:00 PM

Chair: Miriam Kolar

Participants:

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

[60] GENERAL SESSION ■ ARCHAEOLOGY OF THE MOCHE

Room: Continental Ballroom Parlor 8

Time: 11:15 AM - 12:00 PM

Chair: Sally Lynch

Participants:

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

Thursday Afternoon ■ April 16, 2015**[61A] THE ETHICS BOWL****Room:** Continental Ballroom Parlor 8**Time:** 1:00 PM - 3:00 PM**[61] GENERAL SESSION ■ ZOOARCHAEOLOGY, DIET, AND FOODWAYS AT HISTORIC PERIOD SITES****Room:** Continental Parlor 3**Time:** 1:00 PM - 1:45 PM**Chair:** Jessica Watson**Participants:**

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

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

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

[63] SYMPOSIUM ■ PROPER ID REQUIRED: DIFFICULTIES IN DISCERNING PAST IDENTITIES**Room:** Golden Gate 4

Time: 1:00 PM - 2:15 PM

Chairs: Kathryn Whalen, Erin McDonald and Jennifer Shaffer Foster

Participants:

- 1:00 Jennifer Shaffer Foster and T.L. Thurston—The Trip of a Lifetime: Archaeology, Tourism, and Irish-American Identity
- 1:15 Joshua Heath and David Witt—Reshaping Identities through the Destruction of Artifacts
- 1:30 Erin McDonald—Re-Use and Recycle: The Various Lives of Prehistoric Monuments
- 1:45 Kathryn Whalen—Be Our Guest: Tablesapes in Early Modern Ulster
- 2:00 Britta Spaulding—The Redneck vs. The Humble Farmer: How Popular Imagination Influences Studies on Rural Identity

[64] GENERAL SESSION ■ ARCHAEOLOGY OF THE PALEOLITHIC IN ISRAEL AND JORDAN

Room: Union Square 1

Time: 1:00 PM - 2:15 PM

Chair: Deborah Olszewski

Participants:

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

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

SMITH RIVER BASIN OF NORTHWESTERN CALIFORNIA**Room:** Golden Gate 6**Time:** 1:00 PM - 2:30 PM**Chair:** Kevin Gilmore**Participants:**

- 1:00 Kevin Gilmore—Excavations at the Hurdy Gurdy Bridge Site (CA-DNO-1028), a Multicomponent Habitation Site in Northwest California
- 1:15 Jonathan Hedlund—Lithic Material Sources and Implications for Trade and Travel through the Smith River Basin in Northwest California
- 1:30 Sean Larmore—Backed Knives and Subsistence Strategies at the Hurdy Gurdy Bridge Site
- 1:45 Shannon Tushingham—The Evolution of Sociopolitical Organization in Northwestern California
- 2:00 Kevin Gilmore—Discussant
- 2:15 Shannon Tushingham—Discussant

[66] GENERAL SESSION ■ ARCHITECTURE, RITUAL, AND TRADITION**Room:** Yosemite B**Time:** 1:00 PM - 2:30 PM**Chair:** Kelsey Clardy**Participants:**

- 1:00 Sandra Gaskell, Danette Johnson, James Les, Lois Martin and Sis Calhoun—The Rights of Construction Design for Ancient Architecture Wah-ho-ga Village Traditional Ceremonial Structure of the Seven Affiliated Tribes of Yosemite
- 1:15 John Warner—Rethinking and Refining the Activities Associated with the Monumental Compounds of Jatanca, Peru
- 1:30 Thomas Pozorski—Ritual Hearth Structures at the Casma Valley Site of Huerequeque: Making a Case for Highland/Coastal Interaction in Initial Period (2100–1000 BCE) Peru
- 1:45 Kelsey Clardy—The Muscogee (Creek) Nation Council House: A Continuation of Architectural Traditions
- 2:00 Maria Stapleton and Charles Stapleton—Persistence of Aztec Religious Belief Materialized in the Early Colonial Religious Architecture of the Central Mexican Highlands
- 2:15 Sarah Wigley, Antonia Figueroa and Laura Levi—Space, Ritual and Production at Wari Camp

[67] GENERAL SESSION ■ NEOLITHIC AND BRONZE AGE CHINA**Room:** Union Square 2**Time:** 1:00 PM - 2:45 PM**Chair:** Wenjie Zhang**Participants:**

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

[68] FORUM ■ EVALUATING AND REWARDING 21ST CENTURY ARCHAEOLOGICAL SCHOLARSHIP**Room:** Union Square 25**Time:** 1:00 PM - 3:00 PM**Moderator:** Sarah Kansa**Participants:**

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

[69] FORUM ■ THE PROSPECTS AND CHALLENGES OF FAUNAL DATA INTEGRATION AND COMPARATIVE ANALYSIS**Room:** Golden Gate 1

Time: 1:00 PM - 3:00 PM

Moderator: Katherine Spielmann

Participants:

Keith Kintigh—Discussant

Tiffany Clark—Discussant

Katherine Spielmann—Discussant

Karen Schollmeyer—Discussant

Sarah Neusius—Discussant

Bonnie Styles—Discussant

[70] FORUM ■ INTEGRATING AND INNOVATING: EFFECTIVE USES OF TECHNOLOGY IN ARCHAEOLOGICAL MANAGEMENT IN MILITARY SETTINGS

(Sponsored by Military Archaeological Resources Subgroup (MARS))

Room: Continental Ballroom Parlor 9

Time: 1:00 PM - 3:00 PM

Moderators: Kristen Mt. Joy and Jake Fruhlinger

Participants:

Jake Fruhlinger—Discussant

Shaun Nelson—Discussant

Christopher Parr—Discussant

Mark Smith—Discussant

James Zeidler—Discussant

[71] FORUM ■ GENDER DISPARITIES IN RESEARCH GRANT SUBMISSIONS
(Sponsored by SAA Board of Directors)

Room: Continental Parlor 2

Time: 1:00 PM - 3:00 PM

Moderators: Barbara Mills and Lynne Goldstein

Participants:

Lynne Goldstein—Discussant

Sarah Herr—Discussant

Jo Burkholder—Discussant

John Yellen—Discussant

Leslie Aiello—Discussant

Christopher Thornton—Discussant

[72] SYMPOSIUM ■ ARCHAEOLOGY AND TOURISM

Room: Golden Gate 5

Time: 1:00 PM - 3:15 PM

Chair: Ben Thomas

Participants:

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

[73] SYMPOSIUM ■ SIMULPAST—SIMULATING THE PAST TO UNDERSTAND HUMAN BEHAVIOUR

Room: Union Square 13

Time: 1:00 PM - 3:15 PM

Chair: Marco Madella

Participants:

- 1:00 Carla Lancelotti, Xavier Rubio-Campillo, Matthieu Salpeteur and Marco Madella—Climate, Resources and Strategies: Simulating Prehistoric Populations in Semi-Arid Environments
- 1:15 Andrea Balbo, Jasmin Link and Jürgen Scheffran—You Go First. An Agent-Based Model of Mating-Migration between Early Farming and Foraging Societies
- 1:30 Jorge Caro, Maria Pereda, Ivan Briz, Myrian Álvarez and Debora Zurro—Cooperative Practices in Hunter-Fisher-Gatherers from Tierra del Fuego: A Study on Resource Visibility and Social Sharing
- 1:45 Guillem Frances, Xavier Rubio, Carla Lancelotti, Alexis Torrano and Alex Albore—Embedding Artificial Intelligence in Agent-

- Based Models
- 2:00 Questions and Answers
- 2:15 Xavier Rubio-Campillo and Enrico Crema—Modelling Group Formation in Small Scale Societies
- 2:30 Andreas Angourakis, Matthieu Salpeteur, Xavier Rubio-Campillo, Bernardo Rondelli and Sebastian Stride—Land Use Patterns in the Arid Eurasia. Models and Historical Examples
- 2:45 Joaquim Fort—Neolithic Transitions: Demic or Cultural?
- 3:00 Debora Zurro—Discussant

[74] SYMPOSIUM ■ HUMAN ADAPTATIONS TO ENVIRONMENTAL CHANGE DURING THE TERMINAL PLEISTOCENE AND EARLY HOLOCENE - PART 2

Room: Imperial Ballroom A

Time: 1:00 PM - 3:30 PM

Chair: Clive Bonsall

Participants:

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

3:15 Questions and Answers

[75] SYMPOSIUM ■ CONSTRUCTION OF A COMMUNITY: RECENT FINDINGS FROM CEREN, EL SALVADOR

Room: Continental Ballroom Parlor 7

Time: 1:00 PM - 3:45 PM

Chair: Christine Dixon

Participants:

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

[76] SYMPOSIUM ■ CAPITAL, CRAFT, AND CONSUMPTION IN MESOAMERICA AFTER THE SPANISH INVASION

Room: Continental Ballroom 6

Time: 1:00 PM - 4:15 PM

Chair: Rani Alexander

Participants:

- 1:00 Cynthia Otis Charlton and Patricia Fournier—Conspicuous

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

[77] SYMPOSIUM ■ AN ARCHAEOLOGIST'S GEOLOGIST: A SYMPOSIUM IN HONOR OF WILLIAM R. DICKINSON

Room: Imperial Ballroom B

Time: 1:00 PM - 4:30 PM

Chairs: David Burley and Marshall Weisler

Participants:

- 1:00 Sharyn Jones, Justin Cramb and Alison Weisskopf—Mid-sequence colonization and occupation at Nukubalavu, Vanua Levu, Fiji
- 1:15 David Burley—Paleo-Sea Levels, Bill Dickinson, and Interpretive Modeling for the Lapita Settlement of Fanga 'Uta Lagoon, Kingdom of Tonga

- 1:30 Christophe Sand, Jacques Bolé, David Baret, André-John Ouetcho and Tautala Asaua—Geological Subsidence and Sinking Islands: The Case of Manono (Samoa)
- 1:45 Melinda Allen, Alex E. Morrison, Andrew M. Lorrey and Geraldine Jacobsen—Assessing Island Habitability and Land Use on Polynesia's Smallest Islands
- 2:00 Patrick Kirch—The Mussau Islands Lapita Exchange Network: A Review of Three Decades of Analysis
- 2:15 Ian Lilley—Lapita—the Australian Connection
- 2:30 Stuart Bedford, Matthew Spriggs and Richard Shing—"By All Means Let Us Complete the Exercise": The 50 Year Search for Lapita on Aneityum, Southern Vanuatu Comes to a Conclusion
- 2:45 Scarlett Chiu, David Killick, William Dickinson and Christophe Sand—Connection and Competition: Some Early Insights Gained from Petrographic Studies of New Caledonian Lapita Pottery
- 3:00 Ethan Cochrane and Timothy Rieth—Petrographic and Geochemical Evidence Reveals the Local Focus of Interaction throughout Samoa's Prehistory
- 3:15 Michiko Intoh—Clay and Technology: Micronesian Ceramic Tradition
- 3:30 Kathleen Marsaglia, Scott Fitzpatrick, John Lawrence and Jenni Pavia—From Sea to Shining Sea: The Influence of Bill Dickinson's Pacific Island Ceramic Petrography on Caribbean Research
- 3:45 Peter Sheppard—The Use of a Bench-top SEM in Ceramic Characterization in Oceania
- 4:00 Barry Rolett—Marquesan Voyaging during the East Polynesian Archaic Era
- 4:15 Marshall Weisler, Robert Bolhar, Michel Charleaux, Tyler Faith and Yuexing Feng—Determining Geochemical Variability of Fine-Grained Basalt Sources/Quarries for Facilitating Prehistoric Interaction Studies in Polynesia

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

Room: Plaza A

Time: 1:00 PM - 4:30 PM

Chairs: Anna Guengerich and Warren Church

Participants:

- 1:00 Anna Guengerich—Chachapoya Domestic Architecture: Identity and Interaction within, Across, and Beyond Regional Boundaries

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

[79] SYMPOSIUM ■ ADVANCES IN THE METHOD AND APPLICATION OF CERAMIC PETROGRAPHY: INTERNATIONAL PERSPECTIVES ON KEY ARCHAEOLOGICAL QUESTIONS PART II

(Sponsored by Geoarchaeology Interest Group (GIG) of the SAA)

Room: Plaza B

Time: 1:00 PM - 4:45 PM

Chairs: Wesley Stoner and Lane Fargher

Participants:

- 1:00 Gareth Perry—Pottery Production in Anglo-Scandinavian Torksey (Lincolnshire): Reconstructing and Contextualising the Chaîne Opératoire
- 1:15 Donna Roper—Characterizing Eighteenth Century Technological Changes in Pawnee Pottery

- 1:30 Roberta Montesana, Peter M. Day, Vassilis Kilikoglou and Simona Todaro—Technological Variability in Ceramics of the Neolithic to Early Bronze Age transition at Phaistos, Crete: An Integrated Approach
- 1:45 Robert Mason—The Microscopy and Macroscopy of Islamic Lustre wares
- 2:00 William Gilstrap and Peter M. Day—"A Burden of One's Own Choice is Not Felt": Observing Ceramic Production Technology, Exchange and Consumption in the Late Mycenaean Saronic Gulf
- 2:15 John Lawrence, Kathleen Marsaglia, Scott Fitzpatrick and Thomas Wake—Preliminary Petrographic Analysis of Ceramics from the Bocas del Toro Archipelago, Panama
- 2:30 Maria Masucci and Hector Neff—Arybolas, Amphoras and Manteño Ordinario: The Production and Significance of Ecuadorian Transport Vessels
- 2:45 Questions and Answers
- 3:00 Clare Burke, Peter Day, Eva Alram-Stern and Katie Demakopoulou—Crafting Choices: Neolithic–Early Helladic II Ceramic Production and Distribution, Midea, Mainland Greece
- 3:15 Lori Reed and Mary Ownby—In the Land of Lava: Petrographic and Chemical Analysis of Pottery from El Malpais National Monument
- 3:30 Ann Cordell, Neill Wallis and Thomas Pluckhahn—Ceramic Petrography and Woodland Period Social Interactions in Florida and the Southeastern United States
- 3:45 Isabelle Druc—Rojo Grafitado is Not Graphite. A Slow-Science Interpretation of the Production of an Andean Ceramic Style
- 4:00 David Killick and Edwin Wilmsen—Ceramic Petrography, Historical Linguistics and the Bantu Expansion: Tracking the Arrival of the First Pottery-Using Peoples in Northern Botswana
- 4:15 Edyta Marzec, Peter Day and Katherine Grillo—Petrography of "Nderit" Pottery from Pastoral Neolithic Sites Surrounding Lake Turkana in Kenya
- 4:30 Veronica Testolini—Cooking Vessels of the Early Medieval Village of Miranduolo, Tuscany: A Petrographic Study

[80] SYMPOSIUM ■ ISSUES IN BUILDING RADIOCARBON CHRONOLOGIES

Room: Yosemite C

Time: 1:00 PM - 4:45 PM

Chairs: Andrew Martindale, David Wright and Jangsuk Kim

Participants:

- 1:00 David Wright—Accuracy vs. Precision: Understanding Potential Errors from Radiocarbon Dating on African Landscapes
- 1:15 Seonho Choi, Jangsuk Kim, Jaeyong Lee, Chuntaek Seong and Jaehoon Hwang—On the Precision and Accuracy of Radiocarbon Dating
- 1:30 Jangsuk Kim—Demographic Dynamics Inferred from Radiocarbon Dates and Sampling Biases
- 1:45 Colin Grier, Eric McLay and Michael Richards—In Twos and Threes: Dating Multiple Samples and Materials to Address the Marine Reservoir Effect
- 2:00 David Thulman—The Use of Bayesian Statistics to Increase Both Precision and Accuracy in Radiocarbon Dating
- 2:15 Jaeyong Lee, Youngseon Lee and Jangsuk Kim—Bayesian Analysis of the Uncertainty in Radiocarbon Dating Measurements
- 2:30 Michael Waters—Building a Meaningful First Americans Radiocarbon Chronology
- 2:45 Kenichi Yano—Demographic Fluctuation in Jomon Period of Japan
- 3:00 Kenneth Ames, Andrew Martindale, Kevan Edinborough, Kisha Supernant and Bryn Letham—Dating Pacific Period Settlement Pattern Dynamics in the Prince Rupert Harbor Region of Northern British Columbia
- 3:15 Kevan Edinborough—Modelling Village Development in the Prince Rupert Harbour
- 3:30 Chuntaek Seong and Jae Hoon Hwang—Late Neolithic to Early Bronze Age Transition in Korea: Implications from the Evaluation of Radiocarbon Dates
- 3:45 Patrick Dolan and Colin Grier—Reconstructing Settlement Histories Using Simulations and Calibration of Radiocarbon Dates: An Example from a Plankhouse Village in Southwestern British Columbia, Canada
- 4:00 Thomas Brown, Kevan Edinborough and Kenneth Ames—Exploring Settlement and Mobility Pattern Changes Using Radiocarbon Databases
- 4:15 Andrew Martindale, Matthew Betts, Michael Blake, Nicholas Jakobsen and Ryan Wallace—The Revival of the Canadian Archaeological Radiocarbon Database (CARD)
- 4:30 Steven Forman—Assessing the Accuracy and Precision of OSL Dating Against Well Vetted Radiocarbon Ages

CONFLICT AND COLONY IN THE "NEW WORLD"**Room:** Golden Gate 3**Time:** 1:00 PM - 4:45 PM**Chair:** Matthew Schmader**Participants:**

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

[82] SYMPOSIUM ■ THE "NEOLITHIC HOUSE": WORLDWIDE COMPARISONS

Room: Union Square 14

Time: 1:00 PM - 4:45 PM

Chairs: Petr Kvetina and Thomas Rocek

Participants:

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

[83] SYMPOSIUM ■ PRESERVATION, PROTECTION, AND OUTREACH PROGRAMS IN NATIONAL PARK SERVICE ARCHAEOLOGY

Room: Continental Parlor 1

Time: 1:00 PM - 4:15 PM

Chair: David Gadsby

Participants:

- 1:00 Marcy Rockman—A National Strategic Vision for Climate Change and Archaeology
- 1:15 Mary Carroll—25 Years of NAGPRA in the National Park Service
- 1:30 Dawn Bringelson—Dealing with Reality: Managing Education at the National Park Service-Midwest Archeological Center
- 1:45 Mary Furlong Minkoff and Teresa Moyer—The Urban Archaeology Corps 2014: Rethinking Youth Employment in the National Park Service
- 2:00 Barnet Pavao-Zuckerman and Trica Oshant Hawkins—Linking Hispanic Heritage through Archaeology (LHHTA): Engaging Latino Youth with Our National Parks
- 2:15 Karen Mudar and Leah Burgin—The Listing of Outlaw Treachery (LOOT) Federal Clearinghouse: 35 Years of Data
- 2:30 Todd Swain—Legal Issues Concerning Cultural Heritage Resources Damage Assessments
- 2:45 David Gadsby—The National Park Service Archeology Program Role in Protection and Management of International Cultural Heritage
- 3:00 Kirstie Haertel—The WHY and HOW of Integrating Archaeological Findings into Wildlife Management Efforts
- 3:15 Travis Doering, Lori Collins and Margo Schwadron—Digital Preservation and 3D Technology Strategies for the Management, Protection, and Interpretation of the Only Existing American Revolutionary War Tunnel: Developments from the 3D Documentation Project at Ninety Six National Historic Site, South Carolina
- 3:30 Lori Collins, Travis Doering and Margo Schwadron—Progressive Partnerships for Heritage Preservation: 3D Immersive Learning, Documentation and Research Tools in our Nation's Park System
- 3:45 Stanley Bond—Discussant
- 4:00 Questions and Answers

[84] SYMPOSIUM ■ SIMULATING SOCIAL COMPLEXITY TO UNDERSTAND THE ARCHAEOLOGICAL PAST

Room: Union Square 21

Time: 1:00 PM - 4:45 PM

Chairs: Iza Romanowska and Stefani Crabtree

Participants:

- 1:00 Mark Lake—Discussant
- 1:15 Philip Fisher and Luke Premo—A Spatially Explicit Model of

- 1:30 Lithic Raw Material Composition in Archaeological Assemblages
Benjamin Davies—Simulating Late Holocene Landscape Use and the Distribution of Stone Artefacts in Arid Western New South Wales, Australia
- 1:45 Iza Romanowska and Seth Bullock—Testing the Variability Selection Hypothesis on Hominin Dispersals—a Multi-Agent Model Approach
- 2:00 Matt Grove—Climatic Variability and Hominin Dispersal: The Accumulated Plasticity Hypothesis
- 2:15 Colin Wren—Humanizing Wave of Advance Dispersal Models
- 2:30 Stefani Crabtree, R. Kyle Bocinsky and Timothy A. Kohler—Alliances, Coalitions, Hierarchies and Conflict in the Ancestral Pueblo World
- 2:45 John Murphy, Louise Purdue and Maurits Ertsen—Changing Channels: Simulating Irrigation Management on Evolving Canal Systems for the Prehistoric Hohokam of Central Arizona
- 3:00 Isaac Ullah and C. Michael Barton—Complexity in Space and Time: Spatio-Temporal Variability and Scale in Simulations of Social-Ecological Systems
- 3:15 Rachel Opitz—Modeling Behavior in Digital Places Using Low-Level Perceptual Cues
- 3:30 Devin White—Reconstructing Large-Area Ancient Transportation Networks to Support Complexity Research
- 3:45 Shawn Graham and Tom Brughmans—Many Roman Bazaars: Exploring the Need for Simple Computational Models in the Study of the Roman Economy
- 4:00 Enrico Crema—Empirical Validation and Model Selection in Archaeological Simulation
- 4:15 Questions and Answers
- 4:30 Tim Kohler—Discussant

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

Room: Franciscan AB

Time: 1:00 PM - 4:45 PM

Chair: Kristin Kuckelman

Participants:

- 1:00 Joan Coltrain and Joel Janetski—Radiocarbon and the Stable Isotope Chemistry of Grand Gulch Basketmaker II Burials: Age-Based Dietary Patterning and Geolocation.
- 1:15 Jonathan Till and Winston Hurst—The Bluff—Twin Rocks Community: Community Formation, Persistence and Evolution

- in the Northwestern San Juan Region
- 1:30 Shanna Diederichs, Grace Erny and Aryel Rigano—
Architectural Specialization in Basketmaker III Proto-Villages
- 1:45 Tanachy Bruhns—An Examination of Spatial Relationships
Using GIS Data from the Basketmaker Communities Project
- 2:00 James Potter—Cowboy Wash Pueblo and Community
Organization on the Southern Piedmont of Sleeping Ute
Mountain
- 2:15 Grant Coffey and Susan Ryan—The Changing Scale of
Integrative Pueblo Communities in the Northern San Juan
Region: Basketmaker III through Pueblo III
- 2:30 Kari Schleher, Jamie Merewether and Grant Coffey—Material
Culture of Communities: Temporal and Spatial Patterns in the
Material Culture of the Goodman Point Community
- 2:45 Lara Noldner—Isolated Human Remains from the Central Mesa
Verde Region: Taphonomic Distribution Patterns Across Sites
- 3:00 Christy Winstead, Amy Hoffman, Laura Ellyson and Steve
Wolverton—Turkey Domestication and Utilization in an
Ancestral Puebloan Community
- 3:15 Laura Ellyson and Steve Wolverton—Lagomorph Exploitation
and Garden Hunting in the Northern San Juan Region
- 3:30 Jonathan Driver and Karen Schollmeyer—Intensive
Archaeological Sampling for Fine-Grained Resolution of Human-
Environment Relationships: Fauna from the Sand Canyon
Locality and the Central Mesa Verde Region
- 3:45 Susan Smith, Karen Adams and Kristin Kuckelman—Five
Hundred Years of Plant Use in the Sand Canyon Locality,
Southwestern Colorado
- 4:00 Laurie Webster—The Art of Footwear, Footwear as Art: Thirteen
Hundred Years of Twined Sandal Production in the Northern
Southwest
- 4:15 Donna Glowacki, Kay Barnett and Joel Brisbin—Spruce Tree
House: The Social History of a Thirteenth-Century Cliff Dwelling
- 4:30 William Lipe—Discussant

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

Room: Franciscan CD

Time: 1:00 PM - 4:45 PM

Chairs: Nicoletta Maestri and Rodrigo Liendo

Participants:

- 1:00 Ronald Canter—The Upper Usumacinta Travel Corridor, A

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

[87] SYMPOSIUM ■ FROM TAPHONOMY TO HUMAN ECOLOGY: PAPERS IN HONOR OF GARY HAYNES

Room: Continental Ballroom 4

Time: 1:00 PM - 5:00 PM

Chairs: Kelly Graf, Chrissina Burke and Kathryn Krasinski

Participants:

- 1:00 Nohemi Sala and Juan Luis Arsuaga—Taphonomy and Actualistic Studies of Carnivores: Applications to Understanding Sima de los Huesos (Atapuerca) and Other Pleistocene Sites in Spain
- 1:15 Jarod Hutson—Assessing Hominin Involvement with the Faunal Assemblages from Bundu Farm and Priel 6, Northern Cape, South Africa
- 1:30 Geoff Smith—Re-Evaluating the Evidence for Systematic Exploitation of Mammoth during the European Middle Palaeolithic
- 1:45 Piotr Wojtal and Jaroslaw Wilczynski—Scenes of Spectacular feasts: Gravettian Hunters' Sites in Central Europe
- 2:00 Kathryn Krasinski—Towards a Multivariate Model for Accurately Identifying Cutmarks
- 2:15 Luis Borrero, Fabiana María Martín and Francisco J. Prevosti—The Fossil Signature of Late Pleistocene Patagonian Carnivores
- 2:30 Chrissina Burke—Bison Killsites and Carnivore Utilization: A Discussion of Prehistoric Human Impacts to Scavenging Carnivores and the Implications for Conservation Management
- 2:45 Kelly Graf—Humans on the Siberian Mammoth Steppe
- 3:00 George Scott and Roman Schomberg—Sinodonty and/or Sundadonty: Revisiting the Three-Wave Model for the Peopling of the Americas
- 3:15 Stuart Fiedel—The Spore Conundrum: Does a Dung Fungus Decline Signal Humans' Arrival in the Eastern U.S.?
- 3:30 Nicole Waguespack—When Charismatic Megafauna Meet: The Relationship between Archaeologists and Proboscideans in North America
- 3:45 Daron Duke—Haskett Spear Points and the Plausibility of Megafaunal Hunting in the Great Basin
- 4:00 Brian Wygal—Three Phases of Initial Human Colonization in Southern Alaska
- 4:15 Ted Goebel—The Millennium before Clovis in Alaska
- 4:30 Anna Camp—A Twist on Taphonomy: Catlow Twine Basketry in Archaeological Contexts
- 4:45 Teresa Wriston and Gary Haynes—Environmental Conditions of Northwestern Zimbabwe during the Transition from Foraging to Farming: Using Isotopes, Sediments, and Soils to Reconstruct Late Holocene Climate Change in Hwange National Park

**[88] SYMPOSIUM ■ RECONSIDERING THE “EPIC” IN THE MESOAMERICAN
EPICLASSIC PERIOD PART 2: INTERREGIONAL INTERACTIONS**

Room: Continental Ballroom 5

Time: 1:15 PM - 4:15 PM

Chair: Andrew Turner

Participants:

- 1:15 Traci Ardren—Discussant
- 1:30 Andrew Turner—Religion, Ritual, and Ideology in Epiclassic Highland Mexico
- 1:45 Brigitte Faugere—The Bajío (Guanajuato/Michoacan) during Epiclassic: Cultural Assertion and Macro-regional Interaction
- 2:00 Christophe Helmke, Jesper Nielsen and Ángel Iván Rivera Guzmán—Tracing the Footsteps of the Mapa Tradition in the Central Mexican Highlands
- 2:15 J. Heath Anderson—Cerro Magoni: A Link between Epiclassic Tula and the Bajío?
- 2:30 Christina Halperin—Cosmopolitanism: New Theoretical Considerations of the Mesoamerican Epiclassic
- 2:45 Questions and Answers
- 3:00 Jesper Nielsen and Christophe Helmke—Bellicose Relations between Cacaxtla and Xochicalo in the Epiclassic Period
- 3:15 Cynthia Kristan-Graham—The Form and Function of Lineage: Council Houses in Epiclassic Mesoamerica
- 3:30 Bryan Just—Incoherent internationalism: Mayoid Elements in the Art of South-Central Veracruz
- 3:45 Angel González López—The Epiclassic from the Mexican Perspective: Stone Sculpture Evidence
- 4:00 Kenneth Hirth—Discussant

**[89] SYMPOSIUM ■ MICRO-WORLDS, MATERIALITY AND HUMAN
BEHAVIOUR: MAGNIFYING MATERIAL SCIENCE IN EXPLANATIONS OF
TECHNOLOGY**

Room: Golden Gate 7

Time: 1:15 PM - 4:30 PM

Chairs: Miljana Radivojevic, Michael Charlton and Marcos Martinon-Torres

Participants:

- 1:15 Miljana Radivojevic—Paint It Black: The Rise of Metallurgy in the Balkans
- 1:30 Daniel Sahlen—Non-Ferrous Casting Molds and Technical

- Logic: What Can the Technical Differences between the Bronze Age and Iron Age Molds Tell Us about the Technological Development of Metalworking?
- 1:45 Michael Charlton—Immanence, Configuration and the Bloomery Ironmaking Process: Identifying Behavioural Opportunities from Physical Constraints
- 2:00 Marcos Martinon-Torres, Andrew Bevan, Xiuzhen Janice Li, Yin Xia and Kun Zhao—Chemical Analyses and Copy-Errors: Technological Control and Artistic Behaviour in the Making of China's Terracotta Army
- 2:15 Brett Kaufman—Behavioral Metallurgy of the Phoenicians, Carthaginians, and Neo-Punic Peoples
- 2:30 Ian Freestone—Microanalytical Perspectives on the Evolution of Glass-making Technologies
- 2:45 Erik Gjesfjeld—Archaeometric Analysis of Hunter-Gatherer Pottery from Northeast Asia
- 3:00 Silvia Amicone, Patrick Quinn, Miljana Radivojevic and Thilo Rehren—On the Transmission of Pottery Recipes at the Dawn of the Metal Age: A Case Study from Pločnik and Belovode
- 3:15 Gillian Juleff—Does Practice Make Perfect? Is it Possible to Read Technological Development in the Actions and Outputs of Individual or Group Practitioners?
- 3:30 Marija Radovic and Kevan Edinborough—Teeth as tools: Paramasticatory Dental Modifications Reflecting Habitual Behavior in the Danube Gorges, Serbia (9500–5500 B.C.)
- 3:45 Kevin Gibbs—Inclusions and Innovations in Late Neolithic Pottery from the Southern Levant
- 4:00 Michael O'Brien—Discussant
- 4:15 Questions and Answers

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

Room: Golden Gate 8

Time: 1:30 PM - 4:30 PM

Chair: Nicholas Laluk

Participants:

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

- 2:15 Damages to Ceramic Artifacts in the American Southwest
J. Javi Vasquez, Kaleb Taluban and R.M. McCoy—Managing 50,000 Acres of Private Land in Texas: Results of a Recent 2,000 Acre Pedestrian, UAV, and Vegetation Survey in the Sierra Diablo Mountains
- 2:30 Nicholas Laluk, Sarah Cowie and Ben Curry—Archaeological Collaboration in North America: Are “Benefits” to American Indian Communities truly being maximized?
- 2:45 Sarah Morgan—Utilizing Visual Resource Management to Assess Effects on Historic Properties; Working within the BLM VRM Framework
- 3:00 Theron Isensee, Christopher Webster and Roger Werner—The Benefits of Virtual Offices for a 21st Century Cultural Resource Management Consulting Firm
- 3:15 Stephen Nash and Michele Koons—The Pine Lawn-Reserve Area Archaeological Project: Results and Prospects
- 3:30 Steven Katz and Addison Kimmel—Addressing Anthropogenic Safety Concerns in the Archeological Workplace: A Case Study
- 3:45 Peter Timmins—Beach Ridges, Sand Dunes and Buried Sites: Recent CRM Investigations at Inverhuron, Ontario
- 4:00 Jessica Ericson, Julie Esdale and Whitney McLaren—Creative Mitigation: Archaeological Site Monitoring on Military Lands in Central Alaska
- 4:15 Sean McMurry, Opal Adams and Richard DeLong—I Can See Clearly Now!: Successfully Implementing Visual Analysis into Cultural Resource Management Projects

[91] POSTER SESSION ■ GLOBAL STUDIES OF OBSIDIAN: ANALYTICAL TECHNIQUES AND ARCHAEOLOGICAL INTERPRETATIONS

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 91-a Sarah Grant, Tristan Carter, Vecihi Özkaya and Metin Kartal—From Hunter-Gatherer to Nascent Farmer: Traditions of Obsidian Consumption At Epi-Palaeolithic–PPNA Körtik Tepe (SE Turkey)
- 91-b Christopher Swoger—Obsessively Opacifying Obsidian: Adapting Three Dimensional Laser Scanning Techniques
- 91-c Jessica Morgan and Tristan Carter—Obsidian Source Selection in the Early Bronze Age Cyclades
- 91-d Kathryn Campeau, Tristan Carter, Yosef Garfinkel, Danny Rosenberg and Katharina Streit—Long-Term Perspectives from Obsidian Sourcing in the Southern Levant

- 91-e Sonja Kassa, Anne Parfitt and Patrick McCutcheon—Selective Conditions for Obsidian Stone Tool Manufacture and Use in Central Washington State
- 91-f Richard George, Claire E. Ebert, Sarah B. McClure, Barbara Voorhies and Douglas J. Kennett—Archaic and Formative Period Obsidian Exchange on the coast of Guerrero, Mexico
- 91-g Kristine Martirosyan-Olshansky—Provenance Study of Obsidian Artifacts from the Neolithic Settlement Masis Blur (Armenia) Using Portable X-ray Fluorescence Spectrometry
- 91-h M. Shackley and Leah Morgan—Elemental and Isotopic Variability in Mogollon-Datil Province Archaeological Obsidian, Western New Mexico
- 91-i Sean Dolan—Black Rocks Beyond the Border: Obsidian in the Casas Grandes World
- 91-j Richard Higgins—Pre-Classic Obsidian in the Northern Tucson Basin
- 91-k Laura Salgán, Paz Pompei, Adolfo Gil and Gustavo Neme—Technological Approach of Obsidian Sources in North Patagonian: Comparative Studies between Plain and Highlands Sources

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

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 92-a Tiffany Fulkerson and Adam Rorabaugh—Timing the Introduction of Arrow Technologies in the Salish Sea
- 92-b Lauren Cook—Spatial and Temporal Analyses of Redeposited Projectile Points from McFaddin Beach, Texas
- 92-c Micah Stimson, Nathan Goodale, David G. Bailey and Alissa Nauman—Elemental and Microscopic Characterization of Quartzite Stone Discs and Knives from the Slocan Narrows Pithouse Village, Upper Columbia River Region
- 92-d Cannon Daughtrey, Jesse Ballenger, Matthew Pailles and Francois Lanoe—A Place to Pause: Investigations at the St. Mary Bridge Site (24GL203), Glacier County, Montana
- 92-e Jerry Galm, Stan Gough and Fred Nials—Haskett Biface-Point Production and Occupation of the Pacific Northwest and Northern Great Basin at the Pleistocene-Holocene Boundary
- 92-f Madeline Van Der Voort—An Analysis of an Early-to-Mid Holocene Projectile Point Assemblage from Little Steamboat

- 92-g Point Rockshelter, Warner Valley, Oregon
Stephanie Bosch and P. Nick Kardulias —Lithic Raw Material Procurement at the Multicomponent Prehistoric Wansack Site (36ME61), Mercer County, Pennsylvania: Evidence for Mobility and Trade Patterns through XRF Data
- 92-h David Davis, Patrick Lewis and Patrick McCutcheon—The Effects of Sampling by Size Class on the Organization of Technology at the Sunrise Ridge Borrow Pit Site (45PI408), Mt. Rainier National Park, Washington

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

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 93-a Allison Parrish—Independent Women: A Story of Gender and Agency in the Colorado Rockies
- 93-b Susan Harris, Rainer Schreg, Corina Knipper and Lynn Fisher—Communities of Archaeological Inquiry: Documenting a German Neolithic Landscape in Cooperation with Avocational Archaeologists
- 93-c Amalia Perez-Juez, Ricardo J. Elia and Meredith Langlitz—Archaeological Field schools: Teaching Heritage Management. An Example from Menorca
- 93-d Sara Belkin and Jennifer Wildt—High School Students, Archaeology, and Public Outreach
- 93-e Lindsay Randall, Ryan Wheeler and Joel Jacob—Statistics—It's a Sherd Thing: Archaeology in a High School Math Class
- 93-f Anthony Sinclair—Mapping Archaeological Research 2004–2013: A Network of Sources, Authors and Concepts
- 93-g Mario Battaglia and John Murray—Assessing the Efficacy of Lesson Modules as a Public Education and Outreach Strategy for Archaeology
- 93-h Anna Forringer-Beal, Polina Hristova and Jason De León—A Story Told Two Ways: Exploring the Intersectionality between the Archaeological Record and Social Context of Undocumented Female Migrants
- 93-i Jamie Civitello—Earthwatch at the Valles Caldera National Preserve: Building a Successful Volunteer Research Partnership with Obsidian, Quarries, Soil, and More!
- 93-j Natalie Faught—These Stones Will Destroy Us

[94] POSTER SESSION ■ MUSEUMS AND COLLECTIONS**Room:** Grand Ballroom A**Time:** 2:00 PM - 4:00 PM**Participants:**

- 94-a Matthew Magnani, Matthew Douglas and Samantha Porter—
Low-Cost Collection Digitization: Streamlining Photogrammetric Methodologies
- 94-b Larkin Hood—"A True Sign of Learning": What College Students
Learn About Teaching and Learning from a Museum Docent Program
- 94-c Abigail Heller and Mary Schmidt—Combatting the Curation
Crisis in North Carolina

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

- 95-a Nicole Raslich—Indigenous Perspectives On Cultural Heritage
Management And Preservation
- 95-b Candice Brennan, Jennifer McElhoes, Cindi Alvitre and Carl
Lipo—Best Practices and Community Engagement for
Reinternment of CA-LAn-270 (Los Altos Village) Cultural
Materials on a National Registry Listed Site
- 95-c Marsha Fulton and Crystal Alegria—Making History Personal:
Community-Focused Archaeology in the Nevada City Cemetery,
Nevada City, Montana
- 95-d Mary Compton, Ryan Hunt and Kimberly Martin—Taking Tech
on the Road: Mobile Makerspaces and Archaeological
Engagement
- 95-e Rachael Aleshire and Olivia Navarro-Farr—Building and
Debating National Identity: Three Case Studies of the Ownership
of Ancient Artifacts
- 95-f Joni Manson—Zoning Regulations and Comprehensive Plans:
Bringing Historic Preservation Home
- 95-g Virginia M. OBoyle, Erich Longie, Conrad Fisher, Jason Brown
and Robert O'Boyle—CRM as Heritage in Communities on the
Great Plains: Northern Cheyenne and Spirit Lake Nations
- 95-h Lindsay Johansson, Sara Cullen, Kaitlyn Davis, Rachel Egan
and Scott Ortman—Engaged Anthropology at Cuyamunga, New
Mexico
- 95-i Nicole Arendt—Learning from the Past: Cinder Mulch Agriculture

- Past and Present
- 95-j Elizabeth Cruzado Carranza—Archaeology Not Only for Archaeologists: Examples of Integration of Archaeology and Rural Communities in Perú
- 95-k Erin Hogg and John R. Welch—Research Excellence + Business Competence = Success: A Proposed New M.A. Program in Heritage Resource Management at Simon Fraser University
- 95-l Mini Sharma Ogle, Jamie Young and Amanda Childs—Effective Public-Centered Approach to Compliance work—Case Study of the Angoon Airport Project, Alaska

[96] POSTER SESSION ■ COMPARATIVE ARCHAEOLOGY OF URBAN SITES

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

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

[97] POSTER SESSION ■ CRM, KINTEEL, AND THE COMMUNITY OF WIDE RUINS

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Chair: Kerry Thompson

Participants:

- 97-a Kerry Thompson—“Soundcheck”: On the Status of Native American Oral Histories in Archaeological Practice
- 97-b Johna Hutira—The Public Benefit of Archaeology: An Economic Perspective from the Wide Ruins Community
- 97-c Donelle Huffer—Ceremonially and Ritually Associated Archaeofaunal Remains from Two Sites Near Wide Ruins, Arizona
- 97-d Eric Cox—To Retest or Not To Retest: A Case Study at Wide Ruins

[98] POSTER SESSION ■ PROJECT ARCHAEOLOGY STATE PROGRAM HIGHLIGHTS: CELEBRATING 25 YEARS

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Chair: Sarah Miller

Participants:

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

[99] POSTER SESSION ■ TEACHING ARCHAEOLOGY IN THE TWENTY-FIRST CENTURY: ACTIVITIES FOR THE COLLEGE CLASSROOM

(Sponsored by Committee on Curriculum)

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Chair: Benjamin Carter

Participants:

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

[100] SYMPOSIUM ■ MAYAARCH3D: BUILDING A 3DWEBGIS DOCUMENTATION AND ANALYSIS SYSTEM FOR COMPLEX ARCHAEOLOGICAL SITES

Room: Yosemite A

Time: 2:00 PM - 4:45 PM

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

Participants:

- 2:00 Markus Reindel and Jennifer von Schwerin—Overview: MayaArch3D—A Web-based 3D-GIS for the Analysis of the Archaeology of Copan, Honduras
- 2:15 Fabio Remondino and Belen Jiménez Fenández-Palacios—Virtual Copan—From 3D Data Collection to Analysis Inside a Web Visualization Tool
- 2:30 Jennifer Von Schwerin and Mike Lyons—Show Me the Data!: Structuring the MayaArch3D Digital Collections for Research Queries in a 3DWebGIS
- 2:45 Lukas Loos, Michael Auer, Nicolas Billen and Alexander Zipf—MayaArch3D: 2D and 3D Visualization and Analysis Platform
- 3:00 Nicolas Billen, Lukas Loos, Michael Auer and Alexander Zipf—MayaArch3D: System Architecture, Admin and Security Features, Attributes and Maya Calendar Translation Services
- 3:15 Laura Stelson—Applying Digital Technologies to Older Sets of Data: A Study of the Spatio-Temporal Distribution, Design and Function of the Carved Stone Altars at Copán
- 3:30 Franziska Fecher—An Interactive Map of Honduran Archaeological Sites
- 3:45 Michael Lyons and Jennifer von Schwerin—A Transparent 3D Model of Temple 18 at Copán for Visualization and Research
- 4:00 Heather Richards-Rissetto, Michael Auer, Jennifer von Schwerin and Nicolas Billen—A 3D Landscape Analysis of Stelae Visibility at Copan, Honduras
- 4:15 Maurizio Forte—Discussant
- 4:30 Questions and Answers

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

Room: Continental Parlor 3

Time: 2:15 PM - 4:45 PM

Chair: Laure Dussubieux

Participants:

- 2:15 Janet Jones—Glass at the Crossroads: Production and Emulation at Phrygian Gordion
- 2:30 Katherine Larson—Raise a Glass: The Late Hellenistic Origins of Domestic Glass Tableware
- 2:45 Angela Susak Pitzer—Raw Materials, Reuse, and Refuse: A Multi-Disciplinary Study of Karanis Glass

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

[102] SYMPOSIUM ■ NEW INSIGHTS INTO PAINTED POTTERY FROM NORTHWEST CHINA

Room: Union Square 1

Time: 2:45 PM - 5:00 PM

Chairs: Ling-yu Hung and Liangren Zhang

Participants:

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

[103] GENERAL SESSION ■ GIS, REMOTE SENSING, AND ARCHAEOLOGICAL MAPPING STUDIES

Room: Yosemite B

Time: 2:45 PM - 5:00 PM

Chair: Romina Martinez

Participants:

- 2:45 Guadalupe Zetina-Gutiérrez and Armando Anaya-Hernández—
Archaeological Survey through the Use of Remote Sensing
(LiDAR, Photogrammetry and Satelital Imagery) and GIS
- 3:00 Romina Martinez and Tamara Whitley—Predicting the Past: GIS
Weighted Modeling on the Carrizo Plain National Monument
- 3:15 Kenichiro Tsukamoto—The Preliminary Results of Topographic
Mapping at El Palmar
- 3:30 Kit Wesler—Taking High Tech Back to Basics: GIS and the
Three Dimensions of Archaeology
- 3:45 Spencer Mitchell, Jessica Blinman and Erik Marinkovich—An
Analysis of the Factors that Impact Accuracy during the
Acquisition of Archaeological Geospatial Data through the Use
of GPS Units
- 4:00 Alexander Makovics, Mark Gonzales and Dr. Matthew Adams—
Mapping Abydos: Bridging the Gap between Legacy Data and
Modern GPS Survey Methods in Egypt
- 4:15 Wade Campbell—A Predictive Model of Archaeological Site
Location in the Hodh ech Chargui Region, Mauritania
- 4:30 Kelly Ervin, Alex Colvin, Philip Chaney, Kathryn Braund and
April Antonellis—Mapping the Homelands: A Collaborative Effort
of Auburn University, the National Park Service, and Native
American Tribes
- 4:45 Gabriel Sanchez—Testing the Association of Chipped Stone
Crescents with Wetlands and Paleo-Shorelines of Western
North America: A GIS-based Spatial Analysis

**[104] FORUM ■ MAKING THE TOUGH CHOICES: FINDING WORK/LIFE
BALANCE AS AN ARCHAEOLOGIST**

Room: Golden Gate 2

Time: 3:00 PM - 5:00 PM

Moderator: Melissa Vogel

Participants:

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

**[105] SYMPOSIUM ■ LIFE IN THE DIMINUTIVE REALM: HUMAN
ADAPTATIONS TO SMALLER ISLAND ENVIRONMENTS**

(Sponsored by Journal of Island & Coastal Archaeology)

Room: Union Square 2

Time: 3:00 PM - 5:00 PM

Chairs: Scott Fitzpatrick and Aaron Poteate

Participants:

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

[106] SYMPOSIUM ■ CALIFORNIA ARCHAEOLOGY AND CLIMATE CHANGE
(Sponsored by Society for California Archaeology)

Room: Golden Gate 6

Time: 3:00 PM - 5:00 PM

Chair: Michael Newland

Participants:

- 3:00 Michael Newland—Discussant
- 3:15 Nick Tipon—Discussant
- 3:30 Annamarie Leon Guerrero and Whitney Kirkendall—Cruising Along the Coastline: Exploring the Possibilities of Using LiDAR Data to predict Climate Change Affects Along the Southern Monterey Coast
- 3:45 Freddie Romero—Discussant
- 4:00 Jeannine Pedersen and Jere H. Lipps—Impact of Rising Sea Levels on Native American Cultural Sites in Southern California
- 4:15 Sandra Pentney and Marc Cavallaro—Downpours, Storm

- Surges and Wildfires, Oh My! A Look at how Climate Change will Affect the Archaeological Record of San Diego County
- 4:30 Maximilian Jewett—Using Unmanned Aerial Vehicles for Aerial Photogrammetry on the San Diego Coastline
- 4:45 Marcy Rockman—Discussant

[107] SYMPOSIUM ■ RECENT DOCTORAL RESEARCH ON COLOMBIAN ARCHAEOLOGY

Room: Golden Gate 4

Time: 3:00 PM - 5:00 PM

Chairs: Melanie Miller, Lucero Aristizabal Losada and Jennifer Salinas Acero

Participants:

- 3:00 Jorge Garcia, Augusto Oyuela-Caycedo and Alexis Rojas—Holocene Paleoclimate Reconstruction from $\delta^{18}\text{O}$ Isotopes of Neocyclotus Opercula a Morphometric Analysis of Variation at the Archaic Site of San Jacinto1 Colombia
- 3:15 Jennifer Salinas Acero—Paleoethnobotanical Analysis of Preceramic Sites in the Sabana de Bogotá
- 3:30 Hernando Giraldo Tenorio—Prestige Economy and Leadership in Southwestern Colombia (400 BC–800 AD)
- 3:45 Lucero Aristizabal Losada—Alimentación y Sociedad. Paleodieta de una Población Muisca de la Sabana de Bogotá, el caso de Tibanica-Soacha
- 4:00 Maria Corcione—Health Conditions between the Muisca-Tibanica Society: Bioarchaeological Analysis of Phenomena in Porous Skull
- 4:15 Melanie Miller, Sabrina Agarwal and Carl Langebaek—An Investigation of Dietary Histories and Skeletal Health in a Muisca Population (950–1350 AD, Sabana de Bogotá, Colombia)
- 4:30 Marcela Bernal—The Archaeology of Nuestra Señora Santa María de los Remedios del Cabo de la Vela, a colonial enterprise settlement for pearl fishing in the sixteenth century
- 4:45 Questions and Answers

[108] SYMPOSIUM ■ ARCHAEOLOGY AND THE NEW MATERIALISM

Room: Continental Ballroom Parlor 9

Time: 3:15 PM - 5:00 PM

Chair: Guido Pezzarossi

Participants:

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

[109] GENERAL SESSION ■ PROTOHISTORIC AND HISTORIC ARCHAEOLOGY IN THE NEW WORLD

Room: Golden Gate 1

Time: 3:15 PM - 5:00 PM

Chair: Paul Eubanks

Participants:

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

[110] GENERAL SESSION ■ RESOURCE USE, ENVIRONMENTS, AND LANDSCAPES

Room: Continental Ballroom Parlor 8

Time: 3:15 PM - 5:00 PM

Chair: Jennifer Rozo

Participants:

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

[111] SYMPOSIUM ■ REPRESENTACIONES GRÁFICO RUPESTRES EN EL ESTADO DE OAXACA, NUEVAS INVESTIGACIONES EN LA ARQUEOLOGÍA DEL PAISAJE

Room: Continental Parlor 2

Time: 3:30 PM - 4:45 PM

Chair: Pedro Ramon Celis

Participants:

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

[112] GENERAL SESSION ■ BERINGIA AND THE ARCTIC

Room: Union Square 25

Time: 3:30 PM - 5:00 PM

Chair: Richard Davis

Participants:

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

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

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

Differentiation

[114] GENERAL SESSION ■ ARTIFACTS AND THEIR PRODUCTION IN PREHISTORIC NORTH AMERICA**Room:** Union Square 13**Time:** 3:30 PM - 5:00 PM**Chair:** Gregory Burns**Participants:**

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

Thursday Evening ■ April 16, 2015**[115] GENERAL SESSION ■ THE ARCHAEOLOGY OF EAST AND SOUTHEAST ASIA****Room:** Union Square 1**Time:** 6:00 PM - 7:30 PM**Chair:** Fumie Iizuka**Participants:**

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

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

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

Price of Freedom: Health Status in a Freed Slave Community in
Le Morne (18–19th Centuries, Mauritius)

7:15 Chip Colwell—Makak: Between History and Heritage

7:30 Neil Price—Discussant

[117] FORUM ■ PERFORMING THE PAST/PRESENT

Room: Golden Gate 2

Time: 6:00 PM - 8:00 PM

Moderators: Bryan Cockrell and Katherine Chiou

Participants:

Ruth Tringham—Discussant

Di Hu—Discussant

Marguerite De Loney—Discussant

Ann Danis—Discussant

Mary Praetzelis—Discussant

Anna Harkey—Discussant

Pilar Hernández Escontrías—Discussant

[118] POSTER SESSION ■ SITE FORMATION PROCESSES AND TAPHONOMY

Room: Grand Ballroom A

Time: 6:00 PM - 8:00 PM

Participants:

118-a Jacob Davis, Shiela Nightingale, Jessica Thompson and
Elizabeth Gomani-Chindebvu—Quantifying the Effects of
Erosional Processes on Stone Artifact Concentrations:

Implications for Site Formation at Open-Air Paleolithic Sites

118-b Milena Carvalho and Jonathan Haws—The Taphonomic Study
of Small Fauna Gruta da Nova Columbeira (Portugal)

118-c Steven Meredith and Daniel Turner —Excavation of an 11th
Century Living Surface Buried Underneath a 19th Century
Railroad Bed

118-d Kris Reinicke—GIS Illuminates Site Formation Processes:
Archaeology of the Fortín de la Perla

**[119] POSTER SESSION ■ ENVIRONMENTAL ARCHAEOLOGY AND HUMAN
ECOLOGY**

Room: Grand Ballroom A

Time: 6:00 PM - 8:00 PM

Participants:

119-a Caroline Funk, Nancy Bigelow, Debra Corbett, Brian Hoffman

- and Nicole Misarti—Human and Environmental Histories of the Rat Islands, Western Aleutians, Alaska: The 2014–2015 Research Season
- 119-b Mariana Sanders, Stephen Acabado and John Peterson—Climate Change and Subsistence Shifts: Wet-Rice Agriculture in Ifugao, Philippines
- 119-c Angelina Perrotti, Michael Waters and Jessi Halligan—Paleoenvironmental Change and Megafaunal Extinction at Page-Ladson, Florida
- 119-d Kate Magargal—Fetching Firewood: Access to Fuels as a Constraint for Prehistoric Settlement
- 119-e Kathryn Mohlenhoff, Christopher Parker and Brian Coddling—The Potential Integration of Niche Construction Theory into the Framework of Human Behavioral Ecology
- 119-f Isaac Hart, Jack Broughton and Ruth Gruhn—ENSO and the Rabbits of Baja California
- 119-g Peter Stahl, Florencio Delgado and Fernando Astudillo—Historical Ecology and Archaeology on the Galápagos Islands

[120] POSTER SESSION ■ PREDICTIVE MODELS, SURVEY, AND SITE DISTRIBUTIONS

Room: Grand Ballroom A

Time: 6:00 PM - 8:00 PM

Participants:

- 120-a Ryan Hunter and Dawn Bringelson—Site Distribution Patterns at Indiana Dunes National Lakeshore
- 120-b Amanda Rasmussen—An Analysis of the Archaeological Remains at Fort Halifax Park
- 120-c Leslie Reeder-Myers—Modeling Sea Level Rise and Shoreline Change in a Complex Sedimentary Environment: Case Study from Chesapeake Bay
- 120-d Stephanie Hacker and Howard Cyr—An Integrative Archaeological and Geomorphological Approach to Understanding Site Distributions and Prehistoric Settlement Patterns along the Little River, East Tennessee
- 120-e Alex Badillo—Full-Coverage Survey Techniques in the Mountains of the Sierra Sur, Oaxaca, Mexico
- 120-f Stephanie Martin—The Late Bronze Age Thera Eruption: A Spatial Analysis Study of Permanent Abandonment Processes
- 120-g Kelsey Cornwell—Theoretical and Practical Advances in Underwater Regional Survey

[121] POSTER SESSION ■ ARCHAEOLOGICAL TECHNOLOGIES, TECHNIQUES, AND METHODS**Room:** Grand Ballroom A**Time:** 6:00 PM - 8:00 PM**Participants:**

- 121-a Kathy Loftis, Alex Cherkinski and Robert Speakman—
Application of Compound-specific Radiocarbon Dating of
Hydroxyproline from Bone Collagen
- 121-b James Brown, James Chatters, Patrick McCutcheon, Jon Adler
and James Feathers—Comparison of Radiometric Dating
Techniques: Pacific Northwest
- 121-c Jessica Chapman—Faux for Fact: An Experimental Ceramic
Restoration Process
- 121-d Sebastian Warmlander, Vanessa Muros, Ellen Pearlstein, Kym
Faull and David Scott—Corrosion Concerns and Metal Soap
Formation in Shea Butter-Containing Forawa Brass Vessels
from Ghana
- 121-e Samantha Porter—A Portable Photogrammetry Rig for the
Reliable Creation of High-Quality 3D Artifact Models in the Field
- 121-f Chelsea Gardner, Lisa Tweten and Maude Côté-Landry—From
Stone to Screen: Squeezing into the World of Digital
Archaeology
- 121-g Kristina Golubiewski-Davis—3D Scanning of Bronze:
Repeatability and Reliability across scanners
- 121-h Corey Hartley and Lap Kwan Tang—Utilizing Tablets for Mobile
Data Recording in a CRM Context
- 121-i Mark Schurr, Patrick Donohue and Antonio Simonetti—Multi-
Element Characterization of Early Nineteenth Century Pottery
Sherds from Native American and Euro-American Sites
- 121-j Andrew Barker, Jonathan Dombrosky, Amy Eddins, Kari
Schlerer and Barney Venables—Taphonomy and Negative
Results: An Integrated Approach to Residue Analysis
- 121-k Rebecca Biermann, Alison S. Brooks and David R. Braun—
Accuracy and Precision of 3D Modeling in Lithic Analysis
- 121-l Jessica-Louise McNeil, Alex Marginson, Chris Clarkson and
Alex Mackay—Colour Signature Analysis: A New Refitting
Method

[122] POSTER SESSION ■ EXPERIMENTAL ARCHAEOLOGY AND ACTUALISTIC STUDIES**Room:** Grand Ballroom A**Time:** 6:00 PM - 8:00 PM

Participants:

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

[123] POSTER SESSION ■ THE AFTERLIFE OF ARCHAEOLOGICAL INFORMATION: USE AND REUSE OF DIGITAL ARCHAEOLOGICAL DATA

Room: Grand Ballroom A

Time: 6:00 PM - 8:00 PM

Chair: Leigh Anne Ellison

Participants:

- 123-a Jennifer Milligan and Linda Scott Cummings—Moving Forward While Looking Backward
- 123-b Shawn Fehrenbach—A Digital Approach in Consultant

- 123-c Archaeology: PaleoWest at the Ironwood Village Site
Jessica Trelogan, Lauren Jackson and Maria Esteva—
Unlocking the Data Behind the Chora of Metaponto Publication
Series: “On-the-Fly” Solutions for Sharing and Archiving an
Evolving Collection
- 123-d Lauren Jelinek, Jon Czaplicki and M. Scott Thompson—The
Digital Legacy of Public Archaeology in the Phoenix Basin,
Arizona
- 123-e Rebecca Hill, M. Scott Thompson, Holly Young and Cory
Breternitz—It Takes a (Big) Village: Preserving the Legacy of
Pueblo Grande
- 123-f Francis McManamon and Julian Richards—Best Practices for
Good Digital Curation
- 123-g Sarah Kansa, Eric Kansa, Andrew White, Stephen Yerka and
David Anderson—DINAA and Bootstrapping Archaeology’s
Information Ecosystem
- 123-h Sara Rivers Cofield and Jodi Reeves Flores—Evaluating a
Cooperative Approach to the Management of Digital
Archaeological Records (ECAMDAR): A Defense Legacy
Project Assessing tDAR for the Department of Defense
- 123-i Matthew Boulanger and Michael Glascock—The Afterlife of
Archaeometry; the Lawrence Berkeley National Laboratory
Database Project
- 123-j Leigh Anne Ellison and Adam Brin—Synthesizing Legacy Data:
Using tDAR’s Data Integration Tool
- 123-k Veronica Judd, Hannah Zanotto, David Abbott and Douglas
Craig—Digging without Getting Dirty: Making Use of Archival
Data to Explore Variations of Labor Costs in Hohokam
Residential Architecture at Pueblo Grande

**[124] POSTER SESSION ■ CROWDSOURCING, CO-CREATION, AND
COLLABORATION THROUGH VIRTUAL CURATION**

Room: Grand Ballroom A

Time: 6:00 PM - 8:00 PM

Chair: Bernard Means

Participants:

- 124-a Michael Rogers and Scott Stull—Using Archaeogeophysical and
3D Laser Surveying to Visualize an Integrated Landscape
- 124-b Robert Selden, Timothy Campbell, Suzanne Eckert, Michael
O'Brien and Mara Vasconcelos—Geometric Morphometrics &
Elliptic Fourier Analysis of 3D Ceramic Data
- 124-c Bernard Means and Lauren Volkers—Bring Out Your Dead:

- Pondering Passenger Pigeons (and Projectile Points) While Building Digital Type Collections at the Virtual Curation Laboratory
- 124-d Kristina Killgrove and Mariana Zechini—Giving 3D Scanning a Porpoise: Digitizing the Zooarchaeological Type Collection at the University of West Florida
- 124-e Jeb Card and Micayla Spiros—Three-Dimensional Scanning and Printing in Undergraduate Archaeology Education
- 124-f Lance Greene—Virtual Curation as an Integral Part of the Conservation Strategy at the Camp Lawton Confederate POW Site
- 124-g M. Jared Wood—Mi Datos Su Datos? Opportunities and Challenges Posed by Data Sharing

[125] POSTER SESSION ■ THE ACID TEST: EXPLORING THE UTILITY OF THE DIGITAL INDEX OF NORTH AMERICAN ARCHAEOLOGY (DINAA) FOR USE IN APPLIED RESEARCH

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

Room: Grand Ballroom A

Time: 6:00 PM - 8:00 PM

Chairs: Stephen Yerka and Kelsey Noack Myers

Participants:

- 125-a David Anderson, Stephen Yerka, Eric Kansa, Joshua Wells and Thaddeus Bissett—Big Data/Big Picture Research: DINAA (The Digital Index of North American Archaeology) and the Things Half a Million Sites Can Tell Us
- 125-b Kelsey Noack Myers, Stephen J. Yerka and R. Carl DeMuth—Ouiatenon and its Informational Analogs: Making Connections in Colonial Archaeology Less Hard to Handle with the Digital Index of North American Archaeology (DINAA)
- 125-c R. Carl DeMuth, Kelsey Noack Myers and Stephen J. Yerka—The Modern United States of Historical Archaeology Site Reporting: A Multi-State Analysis of Reported Historical Archaeological Sites Archived in the Digital Index of North American Archaeology
- 125-d Stephen Yerka, R. Carl DeMuth and Kelsey Noack Myers—Built to Last: The Paleoindian Database of the Americas (PIDBA) and Openly-Shared Primary Data Meet the Digital Index of North American Archaeology (DINAA)

[126] POSTER SESSION ■ DEVELOPMENTS IN FIRED CLAY CERAMIC REHYDOXYLATION DATING (RHX DATING)**Room:** Grand Ballroom A**Time:** 6:00 PM - 8:00 PM**Chairs:** Timothy James Scarlett and Kostalena Michelaki**Participants:**

- 126-a Timothy James Scarlett, Jaroslav Drelich, Carl Lipo, Elizabeth Niespolo and Shan Zhao—Multi-Lab Collaborative Experiments with RHX Dating
- 126-b Shan Zhao, Jaroslav Drelich and Timothy James Scarlett—Revised Drying Conditions in Rehydroxylation (RHX) Technique for Dating Ceramic Artifacts
- 126-c Steven Sarich and Timothy James Scarlett—Physical Characterization of Stoneware Ceramic Materials

[127] SYMPOSIUM ■ ANTELOPE CAVE: A DRY ANCESTRAL PUEBLOAN (VIRGIN ANASAZI) SITE IN NORTHWESTERN ARIZONA**Room:** Continental Parlor 1**Time:** 6:00 PM - 8:00 PM**Chair:** Keith Johnson**Participants:**

- 6:00 Keith Johnson—The Setting: Location, Environment and Excavation History
- 6:15 Joel Janetski—Antelope Cave and Far Western Anasazi Lifeways of the Virgin River Region
- 6:30 Jacob Fisher—Patch Choice Model Predictions for Jackrabbit Processing at Antelope Cave, Arizona
- 6:45 Adaauto Araujo and Karl Reinhard—Parasites in Antelope Cave
- 7:00 Karl Reinhard and Isabel Teixeira-Santos—Dietary Reconstruction Based on Coprolites from Antelope Cave
- 7:15 Terence Murphy, Karen R. Adams and Keith L. Johnson—DNA Identification of Prehistoric Puebloan Quids
- 7:30 Karen Adams—Quids with Wild Tobacco (*Nicotiana*) Flowering Stems Inside
- 7:45 James Allison—Discussant

[128] SYMPOSIUM ■ HISTORICAL ARCHAEOLOGY OF THE AMERICAN WEST**Room:** Union Square 2**Time:** 6:00 PM - 8:00 PM**Chair:** Emily Dale**Participants:**

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

[129] SYMPOSIUM ■ EL HOMBRE EN LA CUENCA DEL RIO LERMA. PASADO Y PRESENTE

Room: Union Square 13

Time: 6:00 PM - 8:00 PM

Chair: Rubén Hernández

Participants:

- 6:00 Yoko Sugiura, Gustavo Jaimes and Diana Martínez—La vida cotidiana a través de las vasijas ofrendadas en el contexto doméstico en Santa Cruz Atizapán y San Mateo Atenco, Estado de México
- 6:15 Margarita Caballero, Socorro Lozano-Garía and Beatriz Ortega—Trends in late Holocene Climate Change in Central Mexico
- 6:30 Maria De Muñoz, Minerva Mejia-Rangel, Miguel Moreno-Galeana, Gerardo Pérez-Ramírez and Yoko Sugiura-Yamamoto—Análisis de redes haplotípicas del DNA mitocondrial (parcial) de los pobladores del Valle de Toluca
- 6:45 Rubén Hernández—La interacción cultural en la cuenca alta del río Lerma: las subcuencas de Ixtlahuaca-Atzacmulco y Temascalcingo
- 7:00 Agapi Filini—Death, Ritual, and Social Space in the Cuitzeo Basin, Michoacán, México
- 7:15 Magdalena Garcia Sanchez—El río Lerma en la región de

- Angamacutiro en el pasado reciente
- 7:30 Alberto Aguirre—Transformaciones e historia entre Michoacán y Guanajuato a partir de las plantas hidroeléctricas en el siglo XX
- 7:45 Angeles Alberto-Villavicencio—Apropiación de recursos naturales, configuración territorial y paisajística en torno al río Lerma, Zona Metropolitana La Piedad-Pénjamo

[130] GENERAL SESSION ■ RECENT METHODOLOGICAL ADVANCES IN MESOAMERICAN AND MAYA ARCHAEOLOGY

Room: Imperial Ballroom B

Time: 6:00 PM - 8:00 PM

Chair: Mario Zimmermann

Participants:

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

[131] GENERAL SESSION ■ ARCHAEOLOGICAL AND BIOARCHAEOLOGICAL PERSPECTIVES ON VIOLENCE, CONFLICT, AND WARFARE

Room: Imperial Ballroom A

Time: 6:00 PM - 8:00 PM

Chair: Rick Schulting

Participants:

- 6:00 Igor Chechushkov—Is Fortification Always about Defense? The Case of Middle Bronze Age Fortified Settlements in Northern Eurasia
- 6:15 William Carleton, Mark Collard and Dave Campbell—Rainfall and Conflict among the Lowland Classic Maya
- 6:30 Cameron Howell—Mississippian Conflict and the Role of the Fission-Fusion Process: An Example from East Tennessee
- 6:45 Rick Schulting, Angela Lieverse, Vladimir Bazaliiskii and Andrzej Weber—Interpersonal Violence among the Prehistoric Hunter-Gatherers of Cis-Baikal, Southern Siberia
- 7:00 Casey Hegel—Depopulation and Massacres: Bioarchaeological Evidence of Violence within the Ancestral Pueblo of the Southwest Region of North America
- 7:15 Kathryn Baustian—The Bioarchaeology of Social Order: Cooperation and Conflict among the Mimbres (AD 550–1300)
- 7:30 B Geiger—Cuts to the Bone: Using Scalping Evidence to Examine the Relationship between Warfare and Gender in Pre- and Proto-Historic North America
- 7:45 Eric Harkleroad—A New Approach to Warfare

[132] GENERAL SESSION ■ MARKERS AND METHODS IN BIOARCHAEOLOGY AND FORENSIC ARCHAEOLOGY

Room: Golden Gate 1

Time: 6:00 PM - 8:00 PM

Chair: Elizabeth Weiss

Participants:

- 6:00 Elizabeth Weiss—Kneeling Difficulty and Osteoarthritis: What Data from the Osteoarthritis Initiative can Tell Us about Prehistoric Californians
- 6:15 Laura Cirillo, Alexandra McGough, Julie Ding, Rebecca Jabbour and Gary Richards—Geometric Morphometric Assessment of Cranial Shape Change in Trigonocephaly
- 6:30 Cristina Tica and Xenia-Paula Kyriakou—Osteoarthritis in the Elbow and Knee from a Modern Documented Cemetery Collection in Cyprus: Using “New” Bones to Understand “Old” Ones
- 6:45 A. Jay Van Der Reijden—A Global Classification System for Cultural Dental Modification: Created and Assessed
- 7:00 Sarah Voeller and Ann Ross—Using GIS to Re-Associate Commingled Skeletal Remains
- 7:15 Tito Mijangos—Interpretaciones entorno a un contexto funerario múltiple en el valle de Etla, Oaxaca, México

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

[133] GENERAL SESSION ■ ARTIFACTS AND ARTISANS IN ANCIENT MESOAMERICA

Room: Continental Ballroom Parlor 8

Time: 6:00 PM - 8:00 PM

Chair: Jared Katz

Participants:

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

[134] SYMPOSIUM ■ ARCHAEOLOGICAL RESEARCH IN THE CAÑETE VALLEY, PERU

Room: Continental Ballroom Parlor 7

Time: 6:00 PM - 8:15 PM

Chair: Francesca Fernandini

Participants:

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

- 6:30 Giancarlo Marcone, Nina Castillo, Rodrigo Areche and Geraldine Huertas—Qhapaq Ñan Project's research at the Guarco Site, Cañete Peru
- 6:45 Francesca Fernandini—Change and Continuity in Ceramic Production at Cerro de Oro, Cañete
- 7:00 Rosa Maria Varillas—Technique and Style in Textiles from the Cerro de Oro site
- 7:15 Carol Rodriguez—Characterization of the Cerro de Oro Pottery Style
- 7:30 Grace Alexandrino Ocaña—Wari Funerary Contexts: An Elite Funerary Chamber in Cerro de Oro, Cañete Valley
- 7:45 Lawrence Coben and Eberth Serrudo T.—The Inca Incorporation of the Canete Valley, Part 1: Conquest or Incanization
- 8:00 Eberth Serrudo, Lawrence Coben and Erika Cabello—The Inca Incorporation of the Canete Valley, Part 2: Strategies and Responses, Excavations at Huaca Daris

[135] SYMPOSIUM ■ FORAGING SPECTRA: HUNTER-GATHERER DIVERSITY IN PREHISTORY

Room: Golden Gate 7

Time: 6:00 PM - 8:15 PM

Chair: Ashley Lemke

Participants:

- 6:00 Ashley Lemke—Hunter-Gatherers and Prehistory
- 6:15 Gustavo Politis—Myths about the Tropical Rainforest Hunter-Gatherers: A Reappraisal from South America
- 6:30 Raven Garvey and Robert Bettinger—Cultural Transmission and Diversity among Hunter-Gatherers of the Subarctic and Subantarctic
- 6:45 Mike Cannon and David Meltzer—Forager Mobility, Landscape Learning, and the Colonization of the Americas
- 7:00 Questions and Answers
- 7:15 Brian Stewart and Peter Mitchell—Beyond the Shadow of a Desert: Illuminating Southern Africa's Foraging Spectra
- 7:30 Nicholas Conard and Britt Starkovich—Explaining Diachronic Trends in Paleolithic Subsistence in Central Europe
- 7:45 Steven Kuhn and Mary Stiner—The Antiquity of Hunter-Gatherers Revisited
- 8:00 Robert Kelly—Discussant

[136] SYMPOSIUM ■ NEWS OF THE WEIRD (ARCHAEOLOGY)*(Sponsored by Media Relations Committee)***Room:** Plaza A**Time:** 6:00 PM - 8:15 PM**Chair:** Zachary Nelson**Participants:**

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

[137] SYMPOSIUM ■ ATLANTIC CROSSING: SIDE VIEWS ON ROCK ART**Room:** Union Square 25**Time:** 6:00 PM - 8:15 PM**Chairs:** Ramon Valcarce and Carlos Rodriguez-Rellán**Participants:**

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

**[138] SYMPOSIUM ■ NEW RESEARCH AND EMERGING SCHOLARS
WORKING ON PUBLIC LANDS ADMINISTERED BY THE BUREAU OF
LAND MANAGEMENT**

Room: Union Square 14

Time: 6:00 PM - 8:15 PM

Chairs: Tamara Whitley and Stephen Overly

Participants:

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

[139] GENERAL SESSION ■ EXPERIMENTAL ARCHAEOLOGY

Room: Golden Gate 4

Time: 6:00 PM - 8:00 PM

Chair: Colleen Bell

Participants:

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

- Understanding Oneota Stone Tool Functions: A Case Study of Precision and Accuracy in Use-Wear Analysis
- 6:30 Kevin Smith—Examining the Function of Lithic Crescents as Transverse Projectile Points: An Experimental Approach
- 6:45 Emma James, Erik Otárola-Castillo, Jessica Thompson and Shannon McPherron—Human Volunteers and Mechanical Arms: Quantitative and Comparative Analysis of Bone Surface Modifications Created by Humans and Machines
- 7:00 Kathryn Frederick—Holes: The Beginners Guide to Food Caching
- 7:15 Angelique Neffe—Jade Polishing Techniques in NW Alaska, from the End of the 1st Millennium AD to the 18th Century
- 7:30 Sarah McCormick—Manufacturing Basketmaker III Bone Objects
- 7:45 Colleen Bell—What Were They Thinking? Using Electroencephalogram (EEG) to Map Brain Activations during Stone Tool Manufacture

[140] SYMPOSIUM ■ CHRONOLOGY, EXCHANGE, IDENTITY: ELEMENTAL ANALYSIS OF GLASS BEADS FOR ASSESSING REGIONAL INTERACTION

Room: Continental Parlor 3

Time: 6:00 PM - 8:30 PM

Chairs: Heather Walder and Adrienne Daggett

Participants:

- 6:00 Alicia Hawkins, Joseph Petrus and R.G.V. Hancock—LA ICP-MS Analysis of Glass Beads from 17th Century Huron-Wendat Sites in Ontario
- 6:15 Dennis Blanton and Elliot Blair—The Complex Story of Complex Beads: Elemental Analysis of Some Early Types from the Southeastern US
- 6:30 Jessica Dalton-Carriger and Elliot Blair —Answering Chronological and Regional Interaction Questions via pXRF and LA-ICP-MS Analyses in the Interior Southeast
- 6:45 Heather Walder—"A Thousand Beads to Each Nation:" A Social Interpretation of Glass Trade Bead Distribution in the Upper Great Lakes Region of North America
- 7:00 Marilee Wood and Laure Dussubieux—Chemical Analysis of Chinese and other Lead Glass Beads from Songo Mnara, Tanzania
- 7:15 Abidemi Babalola, Laure Dussubieux and Susan McIntosh—Glass Beads from Igbo Olokun, Ile-Ife: Chemical Composition,

- Production, and Regional Interaction
- 7:30 Vanessa Muros, Nikos Zacharias, William Shelley and Ioanna Kakoulli—The Technology and Trade of Glass in SE Europe: Analysis of 12th–9th c. BC Beads from Lofkënd and Methone
- 7:45 Mark Aldenderfer and Laure Dussubieux—Regional Connections Identified through the Analysis of Glass Beads from Samdzong, Upper Mustang, Nepal, CE 500
- 8:00 Laure Dussubieux and Thomas Oliver Pryce—Elemental Composition of Iron Age Glass Beads from Myanmar
- 8:15 Questions and Answers

[141] SYMPOSIUM ■ PRECERAMIC AND EARLY AGRARIAN COMMUNITIES IN THE BASIN OF MEXICO: NEW PERSPECTIVES

Room: Continental Ballroom Parlor 9

Time: 6:00 PM - 8:30 PM

Chairs: Emily McClung De Tapia and Guillermo Acosta Ochoa

Participants:

- 6:00 Emily McClung De Tapia—Geoarchaeological and Environmental Studies in the Basin of Mexico
- 6:15 Guillermo Acosta Ochoa and Emily McClung de Tapia—Early Agrarian Societies in the Basin of Mexico: Challenges and Perspectives
- 6:30 Iran Rivera and Sergey Sedov—Paleosols and Human Activities in the Lakebed Area of the Basin of Mexico during the Middle Holocene
- 6:45 Diana Martinez-Yrizar, Carmen Cristina Adriano Morán, Emilio Ibarra-Morales and Isay Alan Martínez-Flores—Restos botánicos del sitio Precerámico de San Gregorio Atlapulco
- 7:00 Víctor Hugo García Gómez and Guillermo Acosta Ochoa—Procedencia e Intercambio de obsidiana durante el Holoceno Medio en la Cuenca de México (ca. 6200–5000 calBP). Un análisis mediante pXRF
- 7:15 Dan Healan—The Obsidian Industries of Altica, Mexico
- 7:30 Georgina Ibarra, Felipe Ramírez, Elizabeth Solleiro and Sergey Sedov—Soil, Landsurfaces and Settlements Under Lava: The Case of Cuicuilco, Mexico
- 7:45 Ximena Ulloa-Montemayor, Joaquín Arroyo-Cabrales, Eduardo Corona-M., José Alberto Cruz and Diana Karina Blancas—Estudio Arqueozoológico del sitio precerámico de San Gregorio, Xochimilco, México
- 8:00 Jeffrey Parsons—Discussant
- 8:15 Questions and Answers

[142] SYMPOSIUM ■ THE TECHNOLITICS OF ANCIENT INFRASTRUCTURES**Room:** Plaza B**Time:** 6:00 PM - 8:30 PM**Chair:** Darryl Wilkinson**Participants:**

- 6:00 Darryl Wilkinson—Theorizing Infrastructure
- 6:15 Peter Johansen and Andrew Bauer—The Techno-Politics of Water and Iron: Resource Materialities in South Indian (Pre)History
- 6:30 Uzma Rizvi—Harappan Urbanites: Standardization, Ratios and Subjectivity
- 6:45 Stephen Berquist and Edward Swenson—Infra-Structuration of Imperial Power in Ancient Angkor and the Andes
- 7:00 Victor Raharijaona and Susan Kus—: “My Only Equal [as Sovereign of this Land] is Rice”: The “Technology” of Rice Production Politically Deployed and Ideologically Appropriated in Early Merina “States” of Central Madagascar
- 7:15 Questions and Answers
- 7:30 Benjamin Skousen—Pilgrimage Centers, Infrastructure, and Cahokian Politics
- 7:45 Scott Hutson—Inter-site Causeways as Political Infrastructure in the Northern Maya Lowlands
- 8:00 Sarah Jackson—Human-Object Relationships in Classic Maya Contexts: Object Technologies, Political Participants, and Cultural Infrastructures
- 8:15 Rebecca Bria—The Infrastructure of Community: Agricultural Intensification and the Development of Corporate Groups at Hualcayán, Peru

[143] SYMPOSIUM ■ CACHE CAVE IN CONTEXT: UNVEILING NEW DISCOVERIES IN SOUTH CENTRAL CALIFORNIA**Room:** Yosemite A**Time:** 6:00 PM - 8:30 PM**Chairs:** David Robinson, Julianne Bernard and John Johnson**Participants:**

- 6:00 Julianne Bernard, David Robinson and John Johnson—Introducing the Cache Cave Archaeological Project: Background, Aims, and Methods
- 6:15 David Robinson and Julianne Bernard—Cache Cave: Site

- Structure and Chronology
- 6:30 David Earle and John R. Johnson—Ethnohistoric Insights Pertaining to the Emigdiano Chumash and Other Southern San Joaquin Valley Indigenous Groups
- 6:45 Michelle Wienhold, Alana Springer and Abby Viselman—Cache Cave in Context: 3D Scanning Complex Cave Environments for Mapping and In-Situ Documentation of Artifacts
- 7:00 Edward Jolie—Preliminary Insights from the Cache Cave Textile Assemblage
- 7:15 Gloria Brown, Daniel Reeves and David Robinson—Serrated Scapular Tools from Cache Cave
- 7:30 Allison Hill and Julianne Bernard—Assessing the Use of Lithic Artifacts in the Manufacture of Fiber Technologies at Cache Cave
- 7:45 Dan McArthur and David Robinson—Cave Sticks? An Investigation in to the Use and Purpose of Bifurcated Sticks Found in Cache Caves
- 8:00 Timothy Murphy IV—Contextual Implications: Excavating Open Air Sites Adjacent to Cache Cave
- 8:15 Daniel Reeves—Signs of Authority? Symbolic Media and Items of Personal Adornment from Cache Cave

[144] SYMPOSIUM ■ THE MATACANELA ARCHAEOLOGICAL PROJECT 2014

Room: Continental Parlor 2

Time: 6:00 PM - 8:30 PM

Chairs: Marcie Venter and Xochitl Leon Estrada

Participants:

- 6:00 Marcie Venter—Introduction to the Matacanela Archaeological Project: Collapse and Political Reorganization in a Lowland Mesoamerican Society
- 6:15 Mauricio Cuevas and Carl Shields—Mapping Matacanela—The Complementary Work of Topographical Survey and LiDAR
- 6:30 Xochitl Leon Estrada and Heather Seale—Settlement at Matacanela: Preliminary Interpretations
- 6:45 Sara Rosiles Hernandez and Philip J. Arnold III —Surface Ceramic Distributions at Matacanela, Southern Veracruz, Mexico
- 7:00 Shayna Lindquist and Xochitl Leon—The Obsidian of Matacanela
- 7:15 George Crothers, Justin N. Carlson, David Gárate and Matthew Litteral—Electromagnetic Induction Survey at Matacanela to Detect Off-Mound Structures and Landscape Features
- 7:30 Lourdes Budar—Prehispanic Sculpture from Matacanela

- 7:45 Maximiliano Souza and David Gárate—Perceptions of the Matacanela Archaeological Site by the People of Zapoapan de Cabañas
- 8:00 Deborah Nichols—Discussant
- 8:15 Questions and Answers

[145] SYMPOSIUM ■ TRIBES, CHIEFDOMS AND EARLY STATES IN LATE PREHISTORIC JAPAN

Room: Golden Gate 3

Time: 6:00 PM - 8:30 PM

Chair: Ken-ichi Sasaki

Participants:

- 6:00 Masaki Shibata—History of Research into the Jomon-Yayoi Transition
- 6:15 Kazunori Misaka—Beginning of Agriculture and Immigrants from the Korean Peninsula in Prehistoric Japan
- 6:30 Atsushi Uemine—Settlement Expansions during the Yayoi Period, Japan
- 6:45 Kunihiro Wakabayashi—Wars and Battles as Cultural Phenomena in Bronze and Early Iron Age of Japan
- 7:00 Gen Miyoshi—Transition from the Yayoi to Kofun Periods in Third Century A.D. Japan
- 7:15 Yutaka Tanaka—Wide-Range Regional Interaction Prior to State Formation in Late Prehistoric Eastern Japan
- 7:30 Masanori Kawano—Spread of Digging Tools and the Social Change in Kofun Period Japan
- 7:45 Joseph Ryan—The Role of Iron Weaponry and Martial Ideology in the Political Consolidation of Early Japan
- 8:00 Ken-ichi Sasaki—Adoption of Horse-Riding Practices in Fifth-Century Japan and its Political Significance
- 8:15 Tetsuo Hishida—A Religious Perspective on State Formation Process in Seventh Century A.D. Japan

[146] SYMPOSIUM ■ THE ARCHAEOLOGY OF COMMON SENSE

Room: Continental Ballroom 4

Time: 6:00 PM - 8:30 PM

Chairs: Pamela Geller and Ann Kakaliouras

Participants:

- 6:00 Thomas Patterson—Too Much Common Sense, Not Enough Critical Reflection
- 6:15 Larry Zimmerman—On the Need for More "Gut Theory" in

- Academic Archaeology
- 6:30 Jason De Leon—The Edge of Humanity: Why Commonsensical Notions about Nature Impede our Understandings of Structural Violence in the Arizona Desert
- 6:45 Ann Kakaliouras—Quantifying Indianness: Commonsensical Practice in U.S. Bioarchaeology and Skeletal Biology
- 7:00 Jon Daehnke—Turning Privilege into "Common-Sense": Truth-Claims and Control of Cultural Heritage
- 7:15 Pamela Geller—Love Never Dies?
- 7:30 Shankari Patel—Women, Reproduction, and Fertility: How "Common-Sense" Assumptions of the Present Filter into the Mesoamerican Past
- 7:45 Michael Frachetti—The Common Sense of Institutions and Modalities of Happiness
- 8:00 Ian Hodder—Discussant
- 8:15 Agustin Fuentes—Discussant

[147] SYMPOSIUM ■ HERE BE DRAGONS: ARCHAEOLOGY IN NORTH CENTRAL BELIZE

Room: Golden Gate 8

Time: 6:00 PM - 8:45 PM

Chairs: Helen Haines and Kerry Sagebiel

Participants:

- 6:00 Sherman Horn, Terry Powis and David Pendergast—Of Watery Rocks and Slumbering Crocs: A Reappraisal of the Middle Preclassic at Altun Ha and Lamanai
- 6:15 Joshua Lockett-Harris, Helen Haines and Kerry Sagebiel—Place Making, Authority, and Ancestors: New Evidence of Developing Middle Formative Socio-Political Complexity from Ka'Kabish, Northern Belize
- 6:30 Karen Pierce, Claude Belanger and Elizabeth Graham—Recent Excavations in the 'Ottawa' Plaza N10[3] Palace Group at Lamanai
- 6:45 Kerry Sagebiel—Dragons through a Ceramic Lens: Evidence for a North-Central Belize Ceramic (Sub-)Sphere
- 7:00 Anne Pyburn—The Same, but Different
- 7:15 Helen Haines and Sagebiel Kerry—"A Mischief that is Past and Gone": Situating Ka'Kabish in the Larger Ancient Maya Political
- 7:30 Toni Gonzalez and Helen R. Haines—"Forth from this Dark and Lonely Hiding Place": Chultun Excavations at Ka'Kabish
- 7:45 Carmen Ting—The Production and Exchange of Early Postclassic Elite Wares in the Eastern Maya Lowlands

- 8:00 Scott Simmons and Elizabeth Graham—The Island and the Mainland: Connections between Maya Communities on Ambergris Caye and North-Central Belize
- 8:15 Sarah Wolff and Tracie Mayfield—Recent Historical-Archaeological Study of the Late-Colonial Period at Lamanai, Belize
- 8:30 David Pendergast—Discussant

[148] SYMPOSIUM ■ NEW PERSPECTIVES IN FOLSOM ARCHAEOLOGY**Room:** Golden Gate 6**Time:** 6:00 PM - 8:45 PM**Chair:** Brooke Morgan**Participants:**

- 6:00 Robert Lassen—Making Sense of the Variation in Folsom Projectile Point Technology
- 6:15 Thomas Jennings—Exploring the Relationship between Folsom and Midland Points in the Southern Plains
- 6:30 John Seebach—Folsom Toolkit Replenishment at Chispa Creek, Texas: Comparing Bifacial to Unifacial Technologies
- 6:45 Leland Bement—Beaver River Complex Contribution to Folsom Archaeology: An Update and Future Directions
- 7:00 Kristen Carlson—Folsom Adaptations to Bison Hunting: A Comparison of Northern and Southern Plains Arroyo Trap Kills
- 7:15 Brendon Asher—Folsom from the Continental Divide to the Plains-Woodland Border: Examining Patterns in Artifact Distribution and Lithic Procurement
- 7:30 William Reitze—Folsom on the Edge of the Plains: Occupation of the Estancia Basin, Central New Mexico
- 7:45 Brooke Morgan and Brian Andrews—Folsom Households and Community Structure: A New Look at Hunter-Gatherer Lifespace
- 8:00 Todd Surovell and Matthew O'Brien—Ethnoarchaeological Perspectives on Folsom Households
- 8:15 Frederic Sellet—Discussant
- 8:30 Questions and Answers

[149] GENERAL SESSION ■ GLOBAL STUDIES IN ROCK ART ANALYSIS AND INTERPRETATION**Room:** Franciscan CD**Time:** 6:00 PM - 8:45 PM**Chair:** Jennifer Huang**Participants:**

- 6:00 Kendra Rodgers—Using GIS in Archaeological Research: A New Look at Hunting Rock Art Sites
- 6:15 Ghilraen Laue—Exploring Regionality: A Chaîne Opératoire Approach to 'Style' in the Rock Art of the Eastern Cape Province, South Africa
- 6:30 Sam Challis—Medicine Dog; Medicine Baboon: Images of Horses Perceived by Contact Cultures in Rock Art
- 6:45 Nicole Lohman—New Methods for Rock Art Recording at Petrified Forest National Park
- 7:00 Jonathan Dubois—Exchanges in Stone: Tracing the influence of Amazonian Peoples on Andean Ones as Expressed in the Rock Art of Huánuco, Peru
- 7:15 Joan-Mary Ogiogwa—Cultural Survivals and Social Memories
- 7:30 Lourenco Pinto—Understanding Variation: Stylistic Ethnographic Analysis of Rockart from the Makgabeng Plateau, Limpopo Province, South Africa
- 7:45 Robert Haupt—The Rock Art Database: Centralizing and Streamlining Heritage Data Using the CIDOC Reference Model
- 8:00 David Reid—Rock Art and Prehistoric Roads: The Connection in Southern Peru
- 8:15 Jennifer Huang and Jane Kolber—What the Imagery Offers: Rock Art in the Study of Ancient Chacoan Culture
- 8:30 Audrey Lindsay, Victoria L. Muñoz, Jeremy B. Freeman and Carolyn E. Boyd—High Tide in the Lower Pecos: Digital Documentation of the Threatened Rattlesnake Canyon Mural

[150] GENERAL SESSION ■ THE ARCHAEOLOGY OF THE PALEOINDIANS AND EARLY NEW WORLD OCCUPATIONS

Room: Yosemite C

Time: 6:00 PM - 8:45 PM

Chair: Gary Haynes

Participants:

- 6:00 Amy Nelson and Jordan Pratt—Investigation and Analysis of Anthills Found in Archaeological Settings in the Northern Great Basin
- 6:15 Danielle Felling—Lithic Technological Organization at Last Supper Cave: Reconstructing Paleoindian Mobility and Landscape Use at an Upland Site in Northwestern Nevada
- 6:30 Heather Smith—The Late Pleistocene Transmission of Fluted-Point Technology Across a Continent: A Morphological Investigation
- 6:45 William Jerrems—The Rise and Fall of Lake Lahontan and the

- Climactic Implications for Paleoindian Inhabitants of the Great Basin
- 7:00 John Lambert, Thomas Loebel and Matthew Hill—Paleoindians on the Postglacial Margin: Early Holocene Hunter-Gatherer Mobility in Northern Wisconsin
- 7:15 Jesse Tune—Defining Cumberland Lithic Technology: A Study of Biface Technological Variation and Landuse Patterns
- 7:30 David Kilby, George Crawford and Stacey Bennett—New Investigations into a Late Paleoindian Bison Kill and Terminal Pleistocene Environmental Change at Blackwater Draw Locality 1
- 7:45 Zachary Singer and Brian Jones—Documenting Variability among a Geographic Cluster of Paleoindian Sites on the Mashantucket Pequot Reservation in Southeastern Connecticut
- 8:00 Marsha Sims—The Southern Hummingbird, Give Me Five
- 8:15 Gary Haynes—The Inglewood Mammoth (Maryland) and Others Like It
- 8:30 Rafael Suarez—Living on the River Shore: Late Pleistocene and Early Holocene Human Adaptations in the Uruguay River Basin

[151] SYMPOSIUM ■ NEW PERSPECTIVES ON THE IZAPA STATE

Room: Golden Gate 5

Time: 6:00 PM - 9:00 PM

Chairs: Robert Rosenswig and Julia Guernsey

Participants:

- 6:00 John Clark—Discussant
- 6:15 Rosemary Lieske—A History of Izapa Group B: Buildings, Burials, and Offerings
- 6:30 Rebecca Mendelsohn—New Discoveries in the Izapa “Protoclassic” and Early Classic Periods
- 6:45 Julia Guernsey—Izapa and the Iconography of Water and Economics
- 7:00 Stephanie Strauss—Izapa’s Place in the Discourse on Early Hieroglyphic Writing
- 7:15 Jose Luis Macias, José Luis Arce, Paul W Layer and Ricardo Saucedo —Volcanic Hazards Posed by Tacaná to the Soconusco Region
- 7:30 Robert Rosenswig—Defining the Izapa Polity with Lidar and Pedestrian Survey
- 7:45 Michael Blake, Robert Rosenswig and Nicholas Waber—Izapa’s Hinterland: The Use of Lidar Mapping to Examine the Layout and Spatial Orientation of Secondary Centers in the Soconusco

- Region, Chiapas, Mexico
- 8:00 Hector Neff, Paul Burger, Sachiko Sakai, Timothy Garfin and Marx Navarro Castillo—Izapa's Industrial Hinterland: The Eastern Soconusco Mangrove Zone during Archaic and Formative Times
- 8:15 Michael Love—El Triangulo del Sur: Izapa, Takalik Abaj, and El Ujuxte
- 8:30 Christopher Pool and Michael Loughlin—Transisthmian Ties: Epi-Olmec and Izapan Interaction
- 8:45 Questions and Answers

[152] GENERAL SESSION ■ MARINE ZOOARCHAEOLOGY AND MARITIME ECONOMIES

Room: Yosemite B

Time: 6:00 PM - 9:00 PM

Chair: William Marquardt

Participants:

- 6:00 Daniela Klokler—Fish Heads that Turn Heads: Catfish from Cabeçuda Shell Mound
- 6:15 Maria Gaspar and Daniela Klokler—Shell Mounds from Southern and Southeastern Brazil
- 6:30 Carol Colaninno—The Fisherfolk of the Two Late Archaic Shell Rings on St. Catherines Island: Similarities and Differences in Contemporaneous Coastal Economies
- 6:45 William Marquardt and Laura Kozuch—The Practical and Spiritual Significance of the Lightning Whelk
- 7:00 Carola Flores-Fernandez—Effect of Past Ecological and Oceanographic Variability on Shellfish Harvesting and Suitability of Coastal Locations. A Case Study from two Late Holocene (2200–500 cal B.P) Sites on Santa Cruz Island, California
- 7:15 Valentina Figueroa Larre, Carola Flores and Diego Salazar—Production and Distribution of Fishing Artifacts on Mussel Shells (*Choromytilus chorus*) during the Middle Holocene on the Coast of Taltal, Atacama Desert, Chile
- 7:30 Carla Hadden, Maran E. Little, C. Frederick T. Andrus and Gregory A. Waselkov—Stable Oxygen Isotopic Evidence of Mobility and Site Seasonality on the Northern Gulf of Mexico, USA
- 7:45 Ariana Lambrides and Marshall Weisler—Investigating Resource Sustainability during Two Millennia of Occupation on Ebon Atoll, Marshall Islands: The Ichthyoarchaeological Evidence
- 8:00 Roger Sierra, Traci Ardren and William Pestle—Preliminary

- 8:15 Analysis of Marine Shell Artifacts in the Southern Florida Keys
Peter Veth—Pleistocene Maritime Economies of Northwest Australia
- 8:30 Stephanie Jolivet, Amanda Taylor and Sarah Van Galder—
Accessing and Assessing Coastal Shell Middens on Private Property in the Pacific Northwest
- 8:45 Eric McLay—Ancient Clam Gardens of the Southern Gulf Islands

[153] GENERAL SESSION ■ ETHNOARCHAEOLOGY, ETHNOHISTORY, AND ETHNOGRAPHY IN ARCHAEOLOGY

Room: Franciscan AB

Time: 6:00 PM - 9:15 PM

Chair: Timothy Dennehy

Participants:

- 6:00 Mari Carmen Serra Puche—Ethnoarchaeology of Productive Activities Xochitecatl-Cacaxtla
- 6:15 Patrick Wilkinson—Cave Vodou in Haiti: An Ethnoarchaeological Approach
- 6:30 Walter Dodd—Oh What a Tangled Web: The Symbolic Use of Road Trash to Advertise Drug Sales
- 6:45 Ann Laffey—What's in your Ancient Chicha?: Ethnoarchaeology and Organic Residue Analysis
- 7:00 Kevin McGeough and Jeremy Cunningham—Framing the "Ethnoarchaeological" Other: The Direct Historical Approach in Victorian Bible Customs Books
- 7:15 Pascale Meehan and Rachel Egan—Ethnohistory, Oral Tradition, and Archaeology: Examples from Oaxaca, Mexico and the Four Corners Region of the United States
- 7:30 Brian Hayden and Suzanne Villeneuve—The World of Secret Societies: Dynamics from the Northwest
- 7:45 Angus Mol, Lesley-Gail Atkinson and Hayley Mickleburgh—At the Edge: Jamaican Amerindians and the Colonial Encounter
- 8:00 Amanda Sutton—Toward a Theory of Dispersal as an Adaptive Strategy: Adoption, Migration, and Cultural Survival in the Archaeological Record
- 8:15 Melissa Darby—Zelia Nuttall and The Vexed Question: Between the Devil and the Deep Blue Sea
- 8:30 Maren Hopkins—From Orioles to Airplanes: O'odham Traditional Cultural Properties and Traditions of Travel through the Western Papaguería
- 8:45 Timothy Dennehy—Free or Despotic? The Distribution of

- 9:00 Hunter-Gatherer Ethnolinguistic Groups in California
 Russell Greaves and Karen Kramer—Play, Learning, Games, and Chaos: Ethnoarchaeology of Children's Contributions to Archaeological Site Formation

[154] SYMPOSIUM ■ CONSUMING LANDSCAPES

Room: Continental Ballroom 5

Time: 6:00 PM - 9:30 PM

Chairs: Julie-Anne Bouchard-Perron, Leslie Bode and Alexandra Livarda

Participants:

- 6:00 Taylor Zaneri—Food and Identity In the Urban Landscape
 6:15 T. Thurston and Adel Franzén—Opulent Harvest in a Kingdom of Stones: Landscape and Livelihood in a Marginal Upland Zone
 6:30 Erendira Quintana Morales—A Social Topography of Fishing: Exploring the Spatial Variability of Fish Consumption Practices at Songo Mnara
 6:45 Kevin Gibbons and George Hambrecht—Icelandic Livestock Improvement and an Emerging National Identity: Biometrical and Genetic Markers of a New Landscape
 7:00 Richard Madgwick, Angela Lamb and Jane Evans—Pigs and Power Centres in Late Neolithic Britain
 7:15 Maria Ivanova and Elena Marinova—Heading North: Landscape Use and Food Technology at the Initial Stage of Farming Expansion in the Balkans
 7:30 Chantel White, Demetri Brellas and Nathan Arrington—Food from the Hinterlands: Integrated Faunal and Archaeobotanical Studies at a Classical Emporion, Thrace
 7:45 Scott Macrae and Gyles Iannone—Applying Adaptive Cycles to the Life History of Ancient Maya Agricultural Systems
 8:00 Paul Ewonus—A Geography of Foodways in the Salish Sea, Pacific Northwest Coast
 8:15 Julie-Anne Bouchard-Perron—Colonialism, Nationalism and the Appropriation of New Landscapes: Consuming Old and New Worlds in Historical Quebec City (Canada)
 8:30 Elizabeth Scott—Consuming the French New World
 8:45 Questions and Answers
 9:00 Leslie Bode—Discussant
 9:15 Alexandra Livarda—Discussant

[155] GENERAL SESSION ■ GLOBAL STUDIES IN GEOARCHAEOLOGY

Room: Continental Ballroom 6

Time: 6:00 PM - 9:30 PM

Chair: Jacob Winter

Participants:

- 6:00 Flora Schilt, Susan Mentzer, David Wright, Jessica Thompson and Elizabeth Gomani-Chindebvu—Micromorphology of Middle to Later Stone Age Sites at Mwanganda's Village, Northern Malawi
- 6:15 Roger Werner and Val Dufeu—Micromorphological Studies from the Clear Lake Basin California
- 6:30 Rachel Cajigas and James Watson—Determining Construction Materials and Soil Formation Processes at a Burial Mound in Northwest Mexico Using Soil Micromorphology
- 6:45 Debora Trein—Human Impact on a Monumental Landscape at the Microscopic Level: An Ancient Maya Community and its Temple
- 7:00 Michael Grooms, Norman Easton, Mary Samolczyk and Joel Cubley—Geoarchaeology at the Little John Site (KdVo-6), Yukon Territory, Canada
- 7:15 Carleton Jones—Dating Ancient Field Walls in Karst Landscapes Using Differential Bedrock Erosion
- 7:30 J. Emili Aura Tortosa, Oreto García Puchol, Jesus F. Jorda Pardo, Yolanda Carrion and Margarita Vadillo—Geoarchaeology, Paleobiology and Archaeology of Rock-shelters and Caves from Valencia (Spain)
- 7:45 Jessica Thompson, Christopher Merriman, Clayton Meredith, Keith Prufer and Megan Walsh—Human-Climate-Landscape Interactions within the Rio Blanco Basin, Southern Belize
- 8:00 Kenneth Tankersley—Quaternary Chronostratigraphy and Archaeology of Big Bone Lick, Kentucky, USA
- 8:15 Robert Rowe and Collin Rucker—Archaeology in a Cretaceous Swamp
- 8:30 John Turck and Joseph Schuldenrein—The Geoarchaeology of Two Riverine Sites in New Jersey
- 8:45 Nichole Bettencourt and Rafael Segura-Llanos—A Tale of Two Styles: A Geoarchaeological Investigation into Lima & Ychsma Construction Materials at Cajamarquilla, Peru
- 9:00 Jacob Winter, Michael Frachetti and T.R. Kidder—Using Geoarchaeological Methods to Evaluate Site Integrity at Dali, Kazakhstan
- 9:15 Rosicler Silva and Julio Cezar Rubin de Rubin—Geoarchaeological Issues in Lago Rico Archaeological Site, Central Plateau of Brazil

Friday Morning ■ April 17, 2015**[156] SYMPOSIUM ■ THE PRESENCE OF THE HUNTER AND GATHERER GROUPS IN THE NORTHWEST MEXICO REGION: RECENT FINDINGS****Room:** Golden Gate 2**Time:** 8:00 AM - 9:45 AM**Chair:** Emiliano Gallaga**Participants:**

- 8:00 Alfredo Feria Cuevas and Karim Bulhusen Munoz—Cazadores recolectores en Baja California Sur: Un campamento al sur de la Paz
- 8:15 Carlos Mandujano and Sarah María Mattiussi—la Pintura Rupestre en los Sitios Arqueológicos de la Sierra de la Giganta, Baja California Sur
- 8:30 María De La Luz Gutierrez—"El Viejo" del Cañón del Azufre: un Posible Caso de Pareidolia e Hierofanía en el Sistema Volcánico Tres Vírgenes, B.C.S, México
- 8:45 Jesús De La Torre Vázquez and Víctor Joel Santos Ramírez—La industria lítica precerámica del sitio La Flor del Océano, Sinaloa
- 9:00 Emiliano Gallaga, Jesús Emmanuel Moreno Valle and Marisela Guzmán Aguirre—The Rancho Santa María II: an archaic site in the Galeana Valley, Chihuahua
- 9:15 Rosa Ortiz Barrera, Cindy Cristina Sandoval Mora and José Luis Punzo Díaz—The Activity of Hunter Gatherers in the Northwest of Durango, México
- 9:30 Carlos García, María de la Luz Gutiérrez Martínez and Diana Irasema Larios Córdova—Patrón de Asentamiento en el Desierto Central de Baja California sur "el Estudio de Sitios Arqueológicos que Conforman un Corredor Sierra-Oasis-Mar"

[157] SYMPOSIUM ■ FROM POLLEN TO POTTERY: NEW INSIGHTS ON THE INTERPLAY OF SOCIETY AND ENVIRONMENT IN SOUTH AMERICA DURING THE LAST 2000 YEARS*(Sponsored by AHRC / FAPESP)***Room:** Franciscan AB**Time:** 8:00 AM - 9:45 AM**Chairs:** Rafael Corteletti and Paulo DeBlasis**Participants:**

- 8:00 Jennifer Watling, José Iriarte, Francis Mayle, Denise Schaan and Alceu Ranzi—Scales and Visibility of Human-Environment Interactions in Western Amazonia: The Case of the Geoglyph

- Builders
- 8:15 Eduardo Neves—The Interrelated Establishment of Sedentary Lifestyles in Tropical Lowland South America in the Late Holocene
- 8:30 Lucas Bueno and Myrtle Shock—Technology, Subsistence and Territoriality: Changing Patterns in the Middle to Late Holocene on the Central Brazilian Plateau
- 8:45 Phil Riris—Pre-Columbian Monumentalism and Social Structuration: Geospatial Modelling of Relative Accessibility as a Proxy for Emergent Territoriality among the Southern Proto-Jê
- 9:00 Juliana Machado—Plants, Paths and Place-Making: Examples from the Ribeirinhos and the Xokleng/Laklãnõ in Brazil
- 9:15 Marco Nadal de Masi—The Archaeology of Lower Canoas River Valley
- 9:30 Macarena L. Cárdenas, Frank Mayle, José Iriarte and Silvia Moehlecke Cope—The Environmental Context of Prôto-Jê Culture at Pinhal da Serra, RS, Brazil—Insights from Palaeoecology

[158] ELECTRONIC SYMPOSIUM ■ SMOKE, FLAMES, AND THE BODY IN MESOAMERICAN RITUAL PRACTICE

Room: Union Square 1

Time: 8:00 AM - 10:00 AM

Chairs: Andrew Scherer and Vera Tiesler

Participants:

Markus Eberl—Highland Mexican Souls as Essences and Symbols

Andrew Scherer—To Burn Like the Sun: Rituals of Fire and Death among the Classic Maya

Vera Tiesler—Forms and Meanings of Human Fire Exposure among the Northern Lowland Maya

Ximena Chávez Balderas—Fire, Transformation and Bone Relics: Elite Funerals at the Great Temple of Tenochtitlan

Gregory Pereira—Transforming the Body: Fire in Mortuary Practices in Ancient Michoacán, Mexico

William Duncan—Fire and Smoke in Postclassic Petén: Human Remains, Deity Effigies, and Codices

Joel Palka—Where There's Fire, There's Smoke: Contemporary Lacandon Maya Incense Burners and Ritual Transformation

**[159] FORUM ■ RESILIENCE, ARCHAEOLOGY AND GLOBAL WARMING:
WHAT WE CAN LEARN FROM PAST HUMAN RESPONSES TO CLIMATE
CHANGE THAT CAN HELP US TODAY**

Room: Golden Gate 3

Time: 8:00 AM - 10:00 AM

Moderator: Adam Markham

Participants:

Christopher Roos—Discussant

Michael Newland—Discussant

Pei-Lin Yu—Discussant

Marcy Rockman—Discussant

Shelby Anderson—Discussant

Anastasia Steffen—Discussant

Brenda Todd—Discussant

Adam Johnson—Discussant

**[160] FORUM ■ TWENTY-FIRST CENTURY ISSUES AND CHANGES IN
CURATING COLLECTIONS**

*(Sponsored by Committee on Museums, Collections and
Curation)*

Room: Yosemite A

Time: 8:00 AM - 10:00 AM

Moderator: Wendy Teeter

Participants:

Nick Tipon—Discussant

Chip Colwell—Discussant

Dorothy Lippert—Discussant

Terry Childs—Discussant

Laura Miranda—Discussant

Jim Enote—Discussant

Natasha Johnson—Discussant

Michael Black—Discussant

Karimah Kennedy Richardson—Discussant

Richard Wilshusen—Discussant

Michael Polk—Discussant

**[161] FORUM ■ BUILDING ARCHAEOLOGICAL RESEARCH COMMUNITIES
WITH CYBERINFRASTRUCTURE**

Room: Union Square 2

Time: 8:00 AM - 10:00 AM

Moderator: M Thompson

Participants:

Katherine Spielmann—Discussant
 Keith Kintigh—Discussant
 David Anderson—Discussant
 Denne Reed—Discussant
 Gordon Rakita—Discussant
 Seth Brewington—Discussant
 Lauren Jelinek—Discussant
 Thomas McGovern—Discussant

**[162] POSTER SESSION ■ MACRO, MICRO, AND ISOTOPIC STUDIES IN
 ARCHAEOBOTANY**

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 162-a Elizabeth Scharf—Weediness: Modern, Historic, and Prehistoric Plants at Poverty Point, LA
- 162-b Janene Johnston, Lara Homsey-Messer and Karla Johnston—Characterization of Plant Ash Morphology Using Scanning Electron Microscopy
- 162-c Kimberly Kasper, Karen Hess, Anthony P. Graesch and David M. Schaepe—The Complexity of (Un)charred Seeds: Unearthing the Taphonomic and Cultural Processes at a Stó:lō-Coast Salish Settlement in the Upper Fraser Valley
- 162-d Charity Upson-Taboas—Changing Foodways in Pre-Columbian Illinois
- 162-e Kelsey Salmon Schreck and P. Nick Kardulias—The Domestication and Migration of Zea mays L. in Association with Holocene Climatic Variance
- 162-f William Whitehead—Prehistoric Plant Utilization in Southeastern New Mexico: A unique publication merging academic and public interests
- 162-g Lauren Johnson—A Seedy Affair: An Archaeobotanical Study of the Johnston Site (36In2)
- 162-h Jennifer Haney and Martin Welker—Subsistence and Site Function in Historic Contexts
- 162-i Alan Farahani—Morphometric Analyses of Cereal Grains from Central Jordan Improve the Resolution of Identifying Shifts in Crop Cultivation and Processing Strategies over 2000 Years (ca. 800 BCE–1300 CE)
- 162-j Madeleine Smith and Abigail Buffington—Feeding the Troops?: Patterns of Agricultural Production in the Macrobotanical

- Remains of Nabatean-Late Roman Sites in the Wadi ath-Thamad, Jordan
- 162-k Weston McCool and Joan Brenner Coltrain—Oxygen and Carbon Isotope Chemistry and Maize Beer Consumption in the Prehistoric Andes: An Experimental Pilot Study
- 162-l Benjamin West and Maria Bruno—Macrobotanical Investigation of Sonaji, Taraco Peninsula, Bolivia
- 162-m Claudia Rumold—Insights into the Context, Mode, and Timing of Potato Domestication through Microfossil and Ground Stone Analyses at Jiskairumoko in the Western Titicaca Basin
- 162-n Sadie Weber—Analysis of Microbotanical Remains from Chavín de Huántar

[163] POSTER SESSION ■ ANIMAL EXPLOITATION IN ANCIENT NORTH AMERICA

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 163-a Elic Weitzel—Diet Breadth Narrowing at the Pleistocene/Holocene Transition: Faunal Evidence from Dust Cave, Alabama
- 163-b Briana Doering—The Earliest Catch: The Origins of Salmon Fishing in the Alaskan Interior
- 163-c Guinnessa Mahar—Evaluating Mass Capture Fishing Techniques
- 163-d Hayley Singleton—Recent Investigations of Subsistence at the Garden Patch Site (8DI4): A Study of Faunal Remains from a Platform Mound and Adjacent Midden
- 163-e Hannah Wellman, Torben Rick, Antonia Rodrigues and Dongya Yang—Ancient DNA, Zooarchaeology, and the Case for Whale Hunting on the Northern Oregon Coast
- 163-f Emily Lena Jones, Cyler Conrad, Hannah Van Vlack and Seth Newsome—Ritual or Dietary Use? Wild and Domestic Turkeys at Tijeras Pueblo (LA 581)

[164] POSTER SESSION ■ ZOOARCHAEOLOGY AND CERAMIC STUDIES IN THE CARIBBEAN

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 164-a Jillian Hendrix, Steven Hackenberger, Diane Ward, Amanda

- Kaminski and Timothy Ward—Analysis of Fatty Acids in Precontact Ceramics from Barbados, West Indies
- 164-b Diana Azevedo and David Byers—Zooarchaeological Fish Remains and Signals of Resource Depression from Jamaica and Beyond
- 164-c Meagan Clark, Scott Fitzpatrick, Frances White and Christina Giovas—Pre-Columbian Vertebrate Remains from the Coconut Walk Site, Nevis, West Indies
- 164-d John Krigbaum, Christina M. Giovas and George D. Kamenov—Strontium and Lead Isotope Evidence for Paleomobility of Introduced Fauna in the Southern Caribbean
- 164-e Amanda Guzman—The Breaking and Making of Ceramics in the Pre-Columbian Caribbean: A Technological Approach to Grog Identification
- 164-f Jenny Riley and Kevin Hunt—Preservation of Faunal Remains from an Underwater Cavern, Padre Nuestro, Dominican Republic

[165] POSTER SESSION ■ FAUNAL ANALYSIS IN HISTORICAL ARCHAEOLOGY

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 165-a Jenna Carlson—Oxen at Oxon Hill Manor: Identifying Draught Cattle from the Archaeological Record of Colonial Maryland
- 165-b Martin Welker, Jonathan Burns and Sarah McClure—Investigating Diet Variability at Early Fortifications in the American Colonies
- 165-c Cherilyn Gilligan—Moravian Ethnic Diversity: A Faunal Analysis of Northeastern Moravian Missionary Towns in Colonial America
- 165-d Caitlin Miller, Siu Ying Ng and Adam Watson—Resilience and Continuity in Iroquoia: An Analysis of Animal Remains from the 17th-Century Seneca Iroquois White Springs Site.
- 165-e Dominic Bush and Mark Schurr—Faunal Remains at Collier Lodge and Their Implications for Our Understanding of the Lodger Diet
- 165-f Kathleen Brandl and Teresa Steele—Zooarchaeology and Historical Archaeology: A Case Study of the Leland Stanford Mansion

[166] POSTER SESSION ■ ZOOARCHAEOLOGY AND FAUNAL ANALYSIS**Room:** Grand Ballroom A**Time:** 8:00 AM - 10:00 AM**Participants:**

- 166-a Joseph DeAngelis—Between Party Lines: A Bipartisan Reevaluation of the Early Paleoindian Zooarchaeological Record
- 166-b Paul Szpak, Christyann Darwent and John Darwent—Historical Marine Ecology in Northwestern Greenland: Insight from Stable Isotope Analysis
- 166-c Steve Wolverton, Andrew Barker, Jonathan Dombrosky, Barney Venables and Stanley Stevens—Application of Protein Mass Spectrometry to Zooarchaeological Bone
- 166-d Nikkita Maybach-Blicharski, Caroline Funk, Debbie Corbett and Brian Hoffman—Fish through Time at KIS-050, Kiska Island, Western Aleutians
- 166-e Karen Walker, William Marquardt, Arianne Boileau, Ann Cordell and Donna Ruhl—Episodic Habitation in an Eolian Environment, 1350 B.C.–A.D. 900, Useppa Island, Coastal Southwest Florida
- 166-f Kirsten Tharalson—X-Ray Analysis of Mandibles from a 2000 Year-Old Bison Kill Site in Western Oklahoma
- 166-g Mary Lou Larson, Marcel Kornfeld and George Frison—Mammoth Bone from Hell Gap
- 166-h Cheyenne Butcher, Andrew D. Somerville, Ben A. Nelson and Margaret J. Schoeninger—Environmental Reconstruction at La Quemada, Zacateca, Mexico through Stable Isotope Analysis of Leporid Bones
- 166-i Sean Lee, Andrew D. Somerville and Margaret J. Schoeninger—Paleoenvironmental Reconstruction of the Northern Frontier of Mesoamerica: Stable Isotopic Analysis of Lagomorphs from La Ferrería, Durango, Mexico
- 166-j Sarah Heins and Jordan Karsten—Fauna from the Eneolithic Mortuary Site of Verteba Cave, Ukraine
- 166-k Margaret Homko—Variability in Neolithic Cattle Populations: A Case Study from the Orkney Islands
- 166-l Kassi Bailey—Investigations of a Microfaunal Assemblage: Emergence of Pest-Host Relationships at Aşıklı Höyük, Turkey
- 166-m Jonathan Wong, Andrew Somerville and Margaret J. Schoeninger—Environmental Reconstruction at Pueblo Grande, Arizona through Stable Isotope Analysis of Leporid Bone

[167] POSTER SESSION ■ THE ROBUSTNESS AND VULNERABILITY OF FOOD PRODUCTION AND SOCIAL CHANGE: AN EVALUATION OF INTERDISCIPLINARY CONCEPTS USING ARCHAEOLOGICAL DATA, MODELS AND ETHNOGRAPHIC OBSERVATIONS

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Chair: Sarah Oas

Participants:

- 167-a Rudolf Cesaretti—Hydraulic Empire Revisited: Exploring the Sociopolitical Vulnerabilities of the Riverine Socio-Ecological System of Pharaonic Egypt
- 167-b R. Kyle Bocinsky, Keith W. Kintigh, Timothy A. Kohler and Margaret C. Nelson—Toward Effective Cyber-Infrastructure Support of Socio-Environmental Research
- 167-c Nicolas Gauthier, Christina Luke and Christopher Roosevelt—Extreme Weather Events and 10,000 Years of Land-Use Change in the Gediz River Valley
- 167-d Jacob Freeman—The Social Opportunity Hypothesis
- 167-e Sarah Oas—Examining Settlement Reorganization and Plant Food Use in the Greater Cibola Region A.D. 900–1400
- 167-f Robert Hard, Jacob Freeman and Raymond Mauldin—Considering Robustness and Vulnerability in Texas Hunter-Gatherer Social-Ecological Systems Using Stable Isotope Data
- 167-g Grant Snitker—Humans, Fire, and Food Production: Examining the Spatial and Temporal Patterns of Changing Burning Practices during the Transition to Agriculture in the Western Mediterranean

[168] POSTER SESSION ■ PRELIMINARY RESULTS FROM THE TSE-WHIT-ZEN PROJECT: ZOOARCHAEOLOGY AND GEOARCHAEOLOGY OF A 2000 YR OLD LOWER ELWHA KLALLAM VILLAGE ON THE STRAIT OF JUAN DE FUCA, WASHINGTON STATE

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Chair: Virginia Butler

Participants:

- 168-a Sarah Sterling, Ian Hutchinson and Jennie Shaw—Geochronology of the Tse-whit-zen Project
- 168-b Kristina Dick, Virginia Butler and Sarah Sterling—Database Development and GIS Analysis at Tse-whit-zen
- 168-c Virginia Butler, Kristine Bovy, Sarah Campbell, Michael Etnier and Sarah Sterling—Use of Integrated Faunal Records from 10-

- Liter Bucket Samples to Explore Complex Human Ecodynamics at Tse-whit-zen
- 168-d Sarah Campbell, William Damitio and Ryan Desrosiers—The Whale Beneath the Barnacle: Rare Taxa in the Analysis of Marine Invertebrates from the Tse-Whitzen Village Site
- 168-e Susan Larsen—Anthropogenic Thermal Alteration of Marine Bivalves, Recrystallization, and Isotope Integrity
- 168-f Reno Nims and Virginia Butler—On the Role of Sablefish (*Anoplopoma fimbria*) in Northwest Coast Fisheries: The View from the Tse-whit-zen Site (45CA523), Coastal Washington
- 168-g Patrick Rennaker and Virginia Butler—Conservation Biology and Archaeology: Using Faunal Remains of Pacific Cod from the Tse-whit-zen Village
- 168-h Kristine Bovy and Michael Etnier—Taphonomic and Taxonomic Comparisons of Bird and Mammal Remains from Tse-whit-zen
- 168-i Lisa Catto and Virginia Butler—Developing a “Good” Website for the Tse-whit-zen Project
- 168-j Laura Phillips and Frances Charles—A Regional Perspective on the Etched Stones at Tse-whit-zen

[169] SYMPOSIUM ■ ARCHAEOLOGICAL RESEARCH IN THE CHINCHA VALLEY, SOUTHERN PERU

Room: Golden Gate 5

Time: 8:00 AM - 10:00 AM

Chairs: Kelita Perez and Henry Tantaleán

Participants:

- 8:00 Benjamin Nigra—Excavations at Huaca Soto: 2000 Years of Ritual Reuse at a Paracas Platform Mound, Chincha, Peru
- 8:15 Henry Tantaleán—Re-Creando una Huaca: Utilizando el sitio de Cerro Gentil como una Huaca local
- 8:30 Charles Stanish—Conditional Cooperation and the Ritualized Economy of Paracas
- 8:45 Kelita Perez—La Ocupación Carmen En El Valle Medio De Chincha
- 9:00 Jacob Bongers, Brittany Jackson, Terrah Jones, Susanna Seidensticker and Charles Stanish—The Treatment of the Dead in the Mid-Chincha Valley, Peru
- 9:15 Camille Weinberg, Benjamin Nigra, Maria Cecilia Lozada, Charles Stanish and Henry Tantaleán—Demographic Analysis of a Looted Late Intermediate Period Tomb, Chincha Valley, Peru
- 9:30 Brittany Jackson, Jacob Bongers, Susanna Seidensticker,

Terrah Jones and Gail Kennedy—Bioarchaeology of the Chincha Kingdom: Life History Patterns in a Chullpa Population from the Late Intermediate Period and Late Horizon Mid-Chincha Valley, Peru

- 9:45 Terrah Jones, Jacob Bongers, Brittany Jackson, Susanna Seidensticker and Charles Stanish—Fine China, Flatware, and Crockery: An Archaeological Reexamination of Chincha Domestic Contexts

[170] SYMPOSIUM ■ TRADE, EXCHANGE, PRODUCTION AND CONSUMPTION IN PRE-COLUMBIAN AND COLONIAL LOWER CENTRAL AMERICA (PANAMA NICARAGUA AND COSTA RICA)

Room: Golden Gate 7

Time: 8:00 AM - 10:00 AM

Chair: Thomas Wake

Participants:

- 8:00 Scott Palumbo—"Conspicuous Consumption" in Ancient Costa Rica and Panama
- 8:15 Francisco Corrales-Ulloa and Adrián Badilla-Cambronero—Exchange, Production and Consumption of Exotic and Exclusive Goods in the Delta of Diquís, Costa Rica
- 8:30 Lana Martin—Farming and Foraging in Late Ceramic Period Society at Sitio Drago, Western Caribbean Panama
- 8:45 Thomas Wake—Trade, Exchange, Production and Consumption at Sitio Drago, Bocas del Toro, Panama
- 9:00 Tomas Mendizabal, Jordi Tresserras, Javier Laviña, Ricardo Piqueras and Marta Hidalgo—Afrocolonial Archaeology in Panama: La Villa de Santiago del Principe, the First Free African Peoples of the Americas
- 9:15 Frederick Hanselmann, Christopher Horrell, Melanie Damour-Horrell and Bert Ho—Guns, Shipwrecks, and Investigations of Spanish Colonial Trade and Privateering in the 17th Century: The Chagres River Maritime Borderland, Panamá
- 9:30 Juan Martin, Rainer Schreg, Tomás Mendizábal, Dolores Piperno and Richard Cooke—Chinina, Panama. First evidence of pre-hispanic raised fields in Central America
- 9:45 Jessica Manion, Geoffrey McCafferty and Carrie Dennett—As Good as it Sounds: Archaeology of Las Delicias, Managua, Nicaragua

[171] GENERAL SESSION ■ LITHIC AND TECHNICAL STUDIES IN NORTH AMERICAN PREHISTORIC ARCHAEOLOGY

Room: Continental Ballroom Parlor 8

Time: 8:00 AM - 10:15 AM

Chair: Jaclyn Nadeau

Participants:

- 8:00 Angela Younie, Tom Gillispie and Ted Goebel—Early Human Occupation at Healy Lake: A Study of Lithic Technological Organization at the Linda's Point and Healy Lake Village Sites
- 8:15 John Blong—Prehistoric Foragers in the Central Alaska Range
- 8:30 Suzanne Villeneuve and Brian Hayden—Early Cultural Developments and Adaptations in Hunter/Gatherer Communities: A Case Study from Keatley Creek on the Canadian Plateau
- 8:45 Sean Nash—Indurated Sediment Masses (ISMs) from Southern Texas
- 9:00 Leszek Pawlowicz—Documentation Of Lithic Artifacts Using An Inexpensive Reflectance Transformation Imaging System
- 9:15 Cosimo Sgarlata—What Goes Up Must Come Down: The Contribution of Upland Archaeology in Connecticut's Trap-Rock Ridges to Late Archaic Cultural Prehistory
- 9:30 Jaclyn Nadeau—Studying Debitage, Analyzing Behavior
- 9:45 Melissa Miller—An Attribute Approach to Differentiating Artifacts from Geofacts
- 10:00 Brooke Arkush and Richard Hughes—Investigating Prehistoric Obsidian Source Utilization in Birch Creek Valley, Eastern Idaho

[172] SYMPOSIUM ■ HOUSEHOLD AND RITUAL IN THE EASTERN OLMEC HEARTLAND

Room: Continental Parlor 2

Time: 8:00 AM - 10:30 AM

Chair: Carl Wendt

Participants:

- 8:00 Hirokazu Kotegawa—An Olmec Cylinder Seal from Los Soldados
- 8:15 Jennifer Alvarado and Amber VanDerwarker—Patterns of Plant Use at Los Soldados and Beyond
- 8:30 Charles Knight—The Middle to Late Formative Olmec Chipped-Stone Assemblage from Los Soldados, Veracruz, Mexico
- 8:45 María Higuera—Las figurillas cerámicas de Los Soldados, Veracruz: Una evidencia de la relación cultural y de identidad de una comunidad Olmeca

- 9:00 Henri Bernard—A Ear of Corn of Jade from Arroyo Pesquero, Sacred Offering
- 9:15 Edward Henry, Bryan Haley, Andrew Shensky and Carl J. Wendt—Subsurface Spatial Signatures of the Quotidian from the Olmec Heartland: Insights from Ground-Penetrating Radar Surveys of the Los Soldados site, Veracruz
- 9:30 Carl Wendt—Olmec Archaeology in the Arroyo Pesquero Region
- 9:45 Edgar Huerta—Observations Concerning Ash-Tempered Pottery from the Archaeological Site of Los Soldados
- 10:00 David Grove—Discussant
- 10:15 Michael Love—Discussant

[173] GENERAL SESSION ■ MISSISSIPPIAN ARCHAEOLOGY**Room:** Golden Gate 4**Time:** 8:00 AM - 10:30 AM**Chair:** Rachel Briggs**Participants:**

- 8:00 Leslie Drane and Joel Lennon—The Study of Temper and its Wider Implications at the Cahokian Lunsford-Pulcher Site
- 8:15 Katie Zejdlik—Investigation of Biological Relationships at the Late Woodland/ Mississippian Transition in the Northern Mississippian Hinterlands
- 8:30 Jayur Mehta and David Abbott—Mound Summit Archaeology at the Carson Site, Coahoma County, Mississippi
- 8:45 Ashley Schubert and Timothy Horsley—Determining Village Extent and Layout Utilizing Geophysical Survey and Excavation at the Mississippian site of Cane River, North Carolina
- 9:00 Rachel Briggs—Characterization of the Mississippian Standard Jar
- 9:15 Erin Phillips—The Associations Model for Use of Hemphill-Style Engraved Pottery at Moundville
- 9:30 Scott Hammerstedt, Patrick Livingood and Amanda Regnier—Recent Excavations and Current Research at Spiro Mounds
- 9:45 Howard Cyr, Scott Meeks, Rocco de Gregory and Hunter Johnson—Location, Location, Location: Multi-Scalar Investigations into the Unexpected Timing and Length of Occupation of a Late Woodland and Early Mississippian Site in the Lower Mississippi Valley
- 10:00 Dru McGill—Standardization and Variability of Decorated and Undecorated Pottery Vessels from Angel Mounds, Indiana
- 10:15 Christina Friberg and Gregory Wilson—Cahokia's Western

Frontier: Consolidation and Collapse as viewed from the Big River Valley, Missouri

[174] GENERAL SESSION ■ EXPLORING TECHNOLOGICAL AND SOCIAL BOUNDARIES IN THE AFRICAN STONE AGE

Room: Union Square 25

Time: 8:00 AM - 10:30 AM

Chair: Sheila Nightingale

Participants:

- 8:00 Genevieve Dewar and Brian Stewart—Explaining Intraregional Assemblage Variability in Southern Africa during MIS 2: Different Strokes or Different Folks?
- 8:15 James Cole, Pastory Bushozi, John McNabb, Martin Bates and Phillip Toms—Dating the Early Stone Age site of Isimila, Tanzania
- 8:30 Sheila Nightingale, Marina Bravo Foster, Jessica Thompson, Jeong-Heon Choi and David Wright—Spatial and Chronological Components of Middle Stone Age Artifact Assemblage Variability in Deeply Buried Alluvial Fan Contexts
- 8:45 Loretta Dibble—Worked Bone Harpoon Technological Persistence and Variation through Time and Geography (Turkana/Omo Basin, Kenya/Ethiopia)
- 9:00 Yonatan Sahle—Assessment of Projectile Use at Aduma (Middle Awash, Ethiopia)
- 9:15 Philip Slater and Stanley H. Ambrose—Technological Organization Strategies during the East African Late Stone Age: Blade Production and the Evolution of Standardized Technology
- 9:30 Sarah Hlubik, J.W.K. Harris, David Braun, Francesco Berna and Craig Feibel—Potential 1.5 Million Year Old Phantom Hearth at FxJj20 AB, Koobi Fora, Kenya
- 9:45 Russell Cutts and Sarah Hlubik—Thermal Curve Fracture (TCF) as a Diagnostic Tool for the Identification of Anthropogenic Fire
- 10:00 John Arthur, Matthew Curtis, Kathryn Arthur, Joséphine Lesur and Dorian Fuller—Looking into the Dark: Investigating Four Holocene Shelter Sites in Southwest Ethiopia
- 10:15 Nuno Bicho, Jonathan Haws, Mussa Raja, Omar Madime and Célia Gonçalves—Middle and Late Stone Age of the Niassa Region, Northern Mozambique. Preliminary Results

[175] SYMPOSIUM ■ THE FORGING OF COMMUNITIES IN COLONIAL ALTA CALIFORNIA, 1769-1834**Room:** Golden Gate 8**Time:** 8:00 AM - 10:45 AM**Chairs:** John Douglass and Kathleen Hull**Participants:**

- 8:00 John Douglass and Kathleen Hull—Community Formation and Integration in Colonial Alta California
- 8:15 Glenn Farris—Looking at the Cosmopolitan Community of the Pueblo of San Diego in the Mexican Period in California: 1821–1846
- 8:30 Kathleen Hull, John Douglass and Seetha Reddy—Communal Ritual, Communal Feasting, and the Creation of Community in Colonial-Era Los Angeles
- 8:45 John Dietler, Heather Gibson and Benjamin Vargas—“A Mourning Dirge was Sung”: Community and Remembrance at Mission San Gabriel
- 9:00 John Johnson—The Formation of Mission Indian Communities in South Central California: An Ethnohistorical Case Study
- 9:15 Sarah Peelo, Christina Spellman and Lee Panich—Maintenance of Tribal Communities in the California Spanish Missions
- 9:30 Lee Panich, Sarah Peelo and Linda Hylkema—The Archaeology of Community at Mission Santa Clara de Asís
- 9:45 Tsim Schneider—Making Community in the Colonial Hinterland of Coastal Marin County, California
- 10:00 Kent Lightfoot—The Forging of Communities at Colony Ross (1812–1841) in Northern California
- 10:15 James Brooks—Discussant
- 10:30 Questions and Answers

[176] SYMPOSIUM ■ ANTHROPIC ACTIVITY MARKERS: ARCHAEOLOGY AND ETHNOARCHAEOLOGY**Room:** Union Square 13**Time:** 8:00 AM - 11:00 AM**Chairs:** Carla Lancelotti, Alessandra Pecci and Debora Zurro**Participants:**

- 8:00 Ryan Szymanski—Nested Proxies: Multi-Scalar Approaches to Interpreting Human-Landscape Interactions
- 8:15 Alessandra Pecci, Luis Alberto Barba and Agustin Ortiz—Chemical Residues as Anthropic Activity Markers. Food Production and Consumption

- 8:30 E. Christian Wells, Christopher K. Waters and Georgia L. Fox—Integrated Anthrosol Prospection at Betty's Hope Historic Sugarcane Plantation, Antigua, British West Indies
- 8:45 Duncan Cook, Timothy Beach, Sheryl Luzzadder-Beach and Thomas Guderjan—Mercury Pollution and the Ancient Maya: Where, Why and How
- 9:00 Tiziana Matarazzo—Micromorphological Study of Concotto Surfaces Protected by the Avellino Eruption in 3,780 BP at the Afragola Village in Southern Italy
- 9:15 Questions and Answers
- 9:30 Marco Madella, Carla Lancelotti, Alessandra Pecci and Javier Ruiz-Perez—Past Human Activities: Ethnographic and Geostatistical Models from North Gujarat (India)
- 9:45 Debora Zurro, Myrian Alvarez, Ivan Briz, Joan Negre and Jorge Caro—An Ethnoarchaeological Study on Anthropic Markers from a Shell-Midden in Tierra del Fuego: Lanashuaia II
- 10:00 Rachel Ballantyne—Where are the Lives? Characterising Settlements from Small Artefactual Debris
- 10:15 Peter Kovacic—New Perspectives on the Use of Yucca in the Arid Southwest: Archaeobotany and Experiment
- 10:30 Sandra Lopez Varela—Reading Memories of Past Practices in the Landscapes of Poverty Domination: An Ethnoarchaeological study in Morelos, Mexico
- 10:45 Luis Barba—Discussant

[177] SYMPOSIUM ■ BIOGRAPHIES OF ENCLOSURE IN GLOBAL CONTEXT

Room: Union Square 21

Time: 8:00 AM - 11:00 AM

Chairs: Ian Armit and Jennifer Birch

Participants:

- 8:00 Ian Armit—Biographies of Enclosure: An Introduction
- 8:15 Stefan Brannan and Jennifer Birch —Palisaded Enclosures and Political Complexity in the Eastern Woodlands of North America
- 8:30 Matthew Colvin—Emergence of Place: the Great Circle of Fort Center, Glades County, Florida
- 8:45 Alice Wright—Labor, Materials, and Ritual Knowledge: Erecting and Erasing Middle Woodland Enclosures in Southern Appalachia
- 9:00 Harold Mytum—Monumental Biographies: Structure and Agency in European Hillfort Construction
- 9:30 Philip Mason—Places of Power and Passage: Hillforts and Monumental Landscapes in the Early Iron Age of Central and

- South-Eastern Slovenia
- 9:45 Alexis Gorgues—The Dawn of Iron Age societies: Hillfort Morphodynamics in the NW Mediterranean
- 10:00 Hrvoje Potrebica—Hillforts of the Eastern Hallstatt Circle. Central Places, Fortified Areas or Something Else?
- 10:15 Manuel Fernandez-Gotz—Debating Early Urbanization in Temperate Europe: From Heuneburg to Bourges
- 10:30 Neil Norman—Negative and “Natural” Monumental Spaces: Ditches and Sacred Groves in Pre-Colonial West Africa
- 10:45 Maria Schoeman—History Runs through It: A Biography of Gorges in Bokoni, South Africa

[178] SYMPOSIUM ■ 2015 FRYXELL AWARD SYMPOSIUM: PAPERS IN HONOR OF DAVID HURST THOMAS

(Sponsored by Fryxell Award for Interdisciplinary Research)

Room: Continental Ballroom 5

Time: 8:00 AM - 11:15 AM

Chairs: Victor Thompson and Robert Bettinger

Participants:

- 8:00 Robert Kelly—David Hurst Thomas: A Retrospective
- 8:15 Maria Zedeño, Jesse Ballenger, Matthew Pailles and Francois Lanoe—Coming-for-the-Bison, Going-to-the-Sun—Evolution and Significance of Staging Places on the Northern Rocky Mountain Front
- 8:30 Gale Bishop, Kelly Vance, Brian Meyer, Fredrick Rich and Mehmet Samiratedu—Rising Sea Level and Sea Turtle Nesting on St. Catherines Island, GA; What the Present and Past Tell about the Future!"
- 8:45 Elizabeth Reitz—The Transect Survey at 30-Something
- 9:00 Matthew Napolitano and Matthew C. Sanger—Transformation by Fire: Human Cremation, Metalworking, and the Transmogrification of Bodies by Flame in the Late Archaic American Southeast
- 9:15 Anna Semon and Victor Thompson—David Hurst Thomas and the Gule Problem: Rethinking Late Prehistoric Mobility along the Georgia Sea Islands
- 9:30 Clark Larsen—Lives in Transition: Impacts and Adaptations in the Georgia Bight
- 9:45 John Worth—Precursors of Missionization: Early European Contact on the Georgia Coast, 1514–1587
- 10:00 Elliot Blair and Kent Lightfoot—Pluralistic Communities, Coalescence, and Population Aggregation at Mission Santa

- Catalina de Guale
- 10:15 Kathleen Deagan-Harris—Spanish Mission Archaeology in the Southeast. 1974–2014 A.D. (After Dave)
- 10:30 Michael Wilcox—Cubism, History and Narrative in Archaeology: Shifting Borders and Disciplinary Boundaries from New Mexico to California
- 10:45 Douglas Kennett—Discussant
- 11:00 David Thomas—Discussant

[179] SYMPOSIUM ■ USE-WEAR, EXPERIMENTAL ARCHAEOLOGY AND RESIDUE ANALYSIS IN THE PEOPLE'S REPUBLIC OF CHINA, A SESSION IN MEMORY OF GEORGE H. ODELL

Room: Imperial Ballroom A

Time: 8:00 AM - 11:15 AM

Chairs: Geoffrey Cunhar and Qiang Wang

Participants:

- 8:00 Ying Guan and Xing Gao—Residue Analysis in Chinese Paleolithic Studies: Perspectives and Case Studies
- 8:15 Chunxue Wang, Yinmin Yang, Chunxue Wang, Xing Gao and Ning Wang—Experimental Research Concerning the Production of Early Holocene Ostrich Shell Beads at the Shui Donggou Site, Ningxia, China
- 8:30 Juzhong Zhang, Ling Yao, Yuzhang Yang and Weiya Li—Analysis of Plant Micro-Botanical Remains from the Jiahu, Peiligang and Tanghu Sites in the Upper Reaches of the Huaihe River
- 8:45 Qi-Long Cui, Juzhong Zhang and Yuzhang Yang—Use-Wear Analysis of Ground Stone Tools from the Jiahu Site
- 9:00 Yuzhang Yang, Weiya Li, Chenglong Yin, Zhijie Cheng and Juzhong Zhang—Plant Resource Utilization at the Shunshanji Site in Jiangsu Province Based on the Analysis of Plant Remains
- 9:15 Wei Ge and Weijin Huang—The Diversity of Botanical Food of the Hemudu People: Evidence from an Examination of Food Residues in a Fu pot
- 9:30 Liye Xie, Leping Jiang and Weijin Huang—The Kuahuqiao and Hemudu Bone Spades: Use Contexts and Beyond
- 9:45 Zhuang Lina and Zhou Runken—Use-Wear Analysis on the Stone Tools from the Dongshancun Site
- 10:00 Qiang Wang, Dong Li, Qing Wang, Mingqi Li and Xiaoyan Yang—Ancient Human Herbivorous Diet Reflected by the Analysis of Starch Grains from the Xijincheng Site, Bo'ai

- County, Henan province, China
- 10:15 Geoffrey Cunnar and Fengshi Luan—Interpretation of Burial M33 at the Longshan Site of Liangchengzhen
- 10:30 Hong Chen, Xiaoling Zhang and Chen Shen—An Experimental Study of Lithic Use-Wear Multi-stage Formation
- 10:45 Chen Shen—Discussant
- 11:00 Li Liu—Discussant

[180] SYMPOSIUM ■ LANDSCAPES OF PRODUCTION: RECENT RESEARCH ON THE ARCHAEOLOGY OF FIELD AND IRRIGATION SYSTEMS

Room: Union Square 14

Time: 8:00 AM - 11:30 AM

Chairs: Frances Hayashida, Andres Troncoso and Diego Salazar

Participants:

- 8:00 Maryann Wasiolek—A Better Understanding of Ancient Farming through Hydrology
- 8:15 Jonathan Sandor and Jeffrey Homburg—Approaches to Assessing Anthropogenic Soil-Landscape Change in Ancient Agricultural Systems
- 8:30 Gregory Luna Golya—Producers on the Lake: Late Aztec Lakebed Chinampa Communities of Lake Xochimilco
- 8:45 Aurelio Lopez Corral—Strengthening the State: Intensification and Mixed Agricultural Strategies in Late Postclassic Puebla-Tlaxcala
- 9:00 Christopher Morehart—Socio-Spatial Isomorphism and Ancient Farming Systems: Nominal versus Practical Tenure in the Basin of Mexico
- 9:15 Stéphen Rostain—What's that Mound? Answers from Interdisciplinary Approach
- 9:30 Questions and Answers
- 9:45 María Albeck—Agricultural Landscapes in Northern Argentina
- 10:00 Maria Alejandra Korstanje, Marcos Quesada and Mariana Maloberti—Agriculture Roles in Landscapes and Taskcapes: An Interdisciplinary Approach from Northwestern Argentina
- 10:15 Frances Hayashida, Andrés Troncoso, Diego Salazar, César Parcero-Oubiña and Pastor Fábrega-Álvarez—Agriculture and Empire in the High-Altitude Atacama Desert
- 10:30 Michael Graves and Joseph Birkmann—The Landscape of Agricultural Engineering in Windward Kohala, Hawaii Island
- 10:45 Stephen Acabado and Marlon Martin—Post-AD 1600 Origins of the Ifugao Rice Terraces: Highland Responses to Spanish

- Colonial Aims in the Philippines
 11:00 Kanika Kalra—Innovations under Limitations: A Landscape Approach to Agricultural Practices and Water Management in a Frontier Zone of Medieval South India
 11:15 Clark Erickson—Discussant

[181] SYMPOSIUM ■ SPACE AND TIME IN THE UPPER PALAEOLITHIC: A MIXED TRADITIONS APPROACH TO THE STUDY OF PREHISTORY

Room: Continental Ballroom Parlor 7

Time: 8:00 AM - 11:30 AM

Chairs: Lars Anderson and Randall White

Participants:

- 8:00 Randall White—Discussant
 8:15 Julien Riel-Salvatore, Ingrid Ludeke and Fabio Negrino—Upper Paleolithic Use of Space at Riparo Bombrini (Balzi Rossi, Italy)
 8:30 François Bon, Romain Mensan, Lars Anderson, Mathieu Lejay and Hélène Salomon—The Aurignacian Open-Air Campsite of Régismont-le-Haut (Hérault, France)
 8:45 Mathieu Lejay, Farid Sellami, Marie Alexis, Romain Mensan and François Bon—Fireplace Variability in the Aurignacian: a Multiscale Analysis at the Open-Air Campsite of Régismont-le-Haut (Hérault, France)
 9:00 Lars Anderson—Towards a Synchronic View of Aurignacian Lithic Economy
 9:15 Randall White, Romain Mensan and Amy E. Clark—Paleoethnographic and Chronostratigraphic Perspectives on the Aurignacian of the Vézère Valley: Abri Castanet, Abri Blanchard, Abri Cellier
 9:30 Marc Azéma—Graphic narration and Spatial Organization in the Grotte Chauvet-Pont d'Arc
 9:45 Jean-Pierre Bracco and Damien Pesesse—The Gravettian Open Air Site of la Vigne Brun (Loire valley, France). Shedding New Light on a Famous Unknown Site
 10:00 Laurent Klaric—Palethnographic Interpretation of the Gravettian Site of La Picardie (Indre-et-Loire, France): A Difficult Path
 10:15 Roland Nespoulet, Dominique Henry-Gambier and Laurent Chiotti—Domestic Space or Burial Space? Interrogating the Final Gravettian at the abri Pataud
 10:30 Elisa Caron-Laviolette—From Palethnography to Paleohistory: Following a Magdalenian Group through Three Successive Occupations at Etiolles
 10:45 Marie-Isabelle Cattin—Nomadism in the Magdalenian Groups of

- Monruz and Champréveyres (Switzerland)
 11:00 Erella Hovers—Discussant
 11:15 Questions and Answers

[182] SYMPOSIUM ■ GAMES PEOPLE PLAY: PREHISTORIC GAMES OF INDIGENOUS NORTH AMERICANS

Room: Continental Parlor 3

Time: 8:00 AM - 11:30 AM

Chair: Barbara Voorhies

Participants:

- 8:00 Barbara Voorhies—Ethnographer Stewart Culin and "Games of the North American Indians"
 8:15 Catherine Cameron and Lindsay Johansson—The Biggest Losers: Gambling and Enslavement in Native North America
 8:30 Kevin Leonard—Influences of Gaming on Mi'kmaq Culture during the Late Woodland Period
 8:45 John Stauffer and Kent Reilly—In the Fields of the Thunder Lord, Playing the Apalachee Ball Game: Archaeological and Ideological Evidence for Its Antiquity
 9:00 Ronald Williamson and Martin Cooper—"He Must Die Unless the Whole Country Shall Play Crosse:" The Role of Gaming in Great Lakes Indigenous Societies
 9:15 Thomas Zych—Rock and Roles: The Chunkey Experience in the Mississippian World
 9:30 Gabriel Yanicki—Reinventing the Wheel Game: Intergroup Trade on the Plains/Plateau Frontier
 9:45 John Ives and Gabriel Yanicki—Mobility, Exchange, and the Fluency of Games: Promontory in a Broader Sociodemographic Setting
 10:00 Steve Swanson—Mimbres Games, Gambling and Gods
 10:15 Gerardo Gutierrez—Acrobatic Games of Mesoamerica
 10:30 David S. Anderson and Marijke Stoll—Sport and Ritual as Social Bonding: The Communal Nature of Mesoamerican Ballgames
 10:45 John Walden—Ritual and Divination in Ancient Maya Dice Games
 11:00 Susan Evans—It's Alive: Gambling, Animatism, and Divination among the Aztecs
 11:15 Questions and Answers

[183] SYMPOSIUM ■ EXCAVATING THE HOUSE: RESIDENTIAL

ARCHITECTURE IN THE MAYA AREA**Room:** Plaza B**Time:** 8:00 AM - 11:30 AM**Chairs:** Edy Barrios, Cameron McNeil and Walter Burgos**Participants:**

- 8:00 Jacob Welch, Barry Kidder, Céline Lamb, Shannon Plank and David Medina-Arona —Understanding Residential Space through Soil Chemistry in the Northern Maya Lowlands
- 8:15 Lourdes Toscano and Gustavo Novelo Rincón—Entre ollas y metates: exploraciones en la cocina real de Kabah, Yucatán
- 8:30 Eva Lemonnier, Céline C. Lamb, Daniel Vallejo-Caliz and Shannon Plank—Between House and Site: Considering Intermediate Units in Classic Maya Lowlands Settlements
- 8:45 Carlos Morales-Aguilar—Classic Maya Households in Northern Peten, Guatemala: An Overview
- 9:00 Antolin Velasquez Lopez—La Vida alrededor del Río Holmul: Patrón de Asentamiento de Cival y la Región de Holmul
- 9:15 Kevin Schwarz—Censer Fragmentation and Life History: Rural Domestic Settlement Enchainment and Accumulation Activities and the Classic-Postclassic Transition of the Petén Lakes Region, Guatemala
- 9:30 Adrian Chase, Arlen Chase and Diane Chase—Residential Architecture at Caracol, Belize: Conjoined Buildings and Distributed Space
- 9:45 Marc Wolf—The Pivotal House: Individual, Community, and Environment Context at Cancuen, Verapaz, Guatemala
- 10:00 Walter Burgos and Brent Woodfill—Entorno a la sal y el agua: Los conjuntos residenciales en el sitio Salinas de los Nueve Cerros, Guatemala
- 10:15 Raquel Macario—Elite Residences of the K'iche at Q'umarkaj, El Quiché, Guatemala
- 10:30 Edy Barrios, Cameron McNeil and Walter Burgos—Building a Community: Late Classic and Postclassic Residential Structures at Rio Amarillo, Copan, Honduras
- 11:00 Jon Lohse—Discussant
- 11:15 Scott Hutson—Discussant

[184] SYMPOSIUM ■ REGIONAL PERSPECTIVES ON THE TIWANAKU COLLAPSE: “POST-EXPANSIVE” CHRONOLOGY, CULTURAL TRANSFORMATION AND ETHNOGENESIS IN THE SOUTH CENTRAL ANDES

Room: Yosemite C

Time: 8:00 AM - 11:45 AM

Chairs: Paul Goldstein and Antti Korpisaari

Participants:

- 8:00 Juan Villanueva—Diáspora y Etnogénesis durante el Tiwanaku Terminal en el la región de Cohoni, La Paz, Bolivia
- 8:15 Jennifer Zovar—Post-Collapse Change and Continuity in Bolivia's Desaguadero Valley
- 8:30 Rebecca Friedel, Sonia Alconini and Maria Bruno—Feasting, Exchange, Sociopolitical Interaction: Assessing the Tiwanaku Presence in the Kallawayá Region
- 8:45 Karen Anderson—Transformation and Continuity: Late Tiwanaku to Post Tiwanaku Traditions in the Central Valley of Cochabamba
- 9:00 Antti Korpisaari—On the Absolute Chronology of Late Tiwanaku / Early Late Intermediate Period Ceramic Traditions: Case Studies from the Bolivian Altiplano and North Chile
- 9:15 Mauricio Uribe—Cabuzá y Maytas (Norte de Chile): ¿Tiwanaku, Post-Tiwanaku o No-Tiwanaku en Arica?
- 9:30 James Daniels and Paul Goldstein—Establishing Chemical Signatures for Cabuzá Style Pottery and the Tiwanaku Tradition Using Portable X-ray Fluorescence (pXRF)
- 9:45 Augusto Cardona, María Cecilia Lozada and Hans Barnard—Tiwanaku in Arequipa
- 10:00 Matthew Sitek, Sarah Baitzel, Kathleen Huggins and Paul Goldstein—Second-Hand Spaces: Abandonment and Reoccupation during the Final Stages of a Tiwanaku Provincial Temple (Omo M10A)
- 10:15 Paul Goldstein—"Tiwanaku VI" Revisited: Postcolonialism and Ethnogenesis in the Middle Moquegua Valley Province
- 10:30 Nicola Sharratt—From Dispersal to "Disappearance": AD 1000–1250 in the Upper Moquegua Valley, Peru
- 10:45 Bruce Owen—Post-Tiwanaku Settlement Patterns in the Peaceful Coastal Osmore Valley and the Tense Upper Valleys
- 11:00 Marc Bermann—Discussant
- 11:15 John Janusek—Discussant
- 11:30 Questions and Answers

[185] SYMPOSIUM ■ CASE STUDIES IN CHERT SOURCING AND IDENTIFICATION

(Sponsored by Prehistoric Quarries and Early Mines Interest Group)

Room: Yosemite B

Time: 8:00 AM - 11:45 AM

Chairs: Ryan Parish and Charles Speer

Participants:

- 8:00 Mark Anderson—Rock, Paper,....XRF.....: Continuing Improvements to the UI-OSA Lithic Raw Material Assemblage
- 8:15 Gustavo Barrientos, Juan Belardi, Luciana Catella, Flavia Carballo and Fernando Oliva—Continuous Spatial Modles of Artifact Relative Frequency Data as an Aid for Sourcing Chert Materials: Two Examples from Patagonia and the Pampas of Argentina
- 8:30 Adam Burke—Determining the Provenance of Suwannee Chert: A PXRF and Microscopic Analyses Case Study from Northwest Florida
- 8:45 Beverly Chiarulli—Patterns of Lithic Raw Material Exploitation and Use in Western Pennsylvania
- 9:00 Rachel ten Bruggencate, Brooke Milne, Mostafa Fayek, Robert Park and Douglas Stenton—Palaeo-Eskimo Exploitation of Inland Chert Quarries on Southern Baffin Island, Nunavut, Canada
- 9:15 Killian Driscoll, Adrian Burke, Gilles Gauthier, Graeme Warren and Stefan Bergh—The Irish Lithic Landscapes Project: Current Chert Provenancing Research in Prehistoric Ireland
- 9:30 Heather Kendall—Chert Characterization and Provenance in the Mid-Fraser Region of British Columbia
- 9:45 Juliet Morrow and Sarah Stuckey—Sourcing Burlington Chert in Missouri and Arkansas
- 10:00 Adam Nazaroff—Calibrating pXRF Instruments for Chert Provenance: A How-to from the Anatolian Plateau
- 10:15 Khor Newlander—Assessing the Validity of pXRF for Sourcing Cherts in the North American Great Basin
- 10:30 Ryan Parish—Lithic Procurement Patterning as a Proxy for Identifying Late Paleoindian Group Mobility along the Lower Tennessee River Valley
- 10:45 John Risetto, Giancarlo Pepponi, Igor Gutiérrez-Zugasti , Rossana Dell'Anna and David Cuenca-Solana—Multi-Tiered Proveniencing Analysis of Early Holocene Radiolarite Artifacts from Northern Spain
- 11:00 Charles Speer—A Comparison of the Effectiveness of Instrumental Techniques at Differentiating Outcrops of Edwards Plateau Chert at the Hyper-Local Scale
- 11:15 Wayne Wilson and Neil Hauser—Lithic Sourcing Using Laser Induced Breakdown Spectroscopy
- 11:30 Kenneth Tankersley—Discussant

[186] SYMPOSIUM ■ 'SIEMPRE A LA VANGUARDIA': A TRIBUTE TO DOLORES PIPERNO CONTRIBUTIONS TO THE ORIGINS AND SPREAD OF AGRICULTURE

(Sponsored by COA)

Room: Continental Parlor 1

Time: 8:00 AM - 11:45 AM

Chair: Jose Iriarte

Participants:

- 8:00 Tom Dillehay—Long-Distance Adoption of Exotic Cultigens in Northwest Peru: Problems and Processes
- 8:15 Matthew Sayre and Daniel Contreras—Lessons from the Tello Obelisk—Domestication and Plant Use at Chavin de Huantar, Peru
- 8:30 Karen Stothert—Contributions of Dolores Piperno to the History and Folklore of Coastal Ecuador
- 8:45 Sonia Zarrillo—Clues to Cacao from the Ecuadorian Upper Amazon
- 9:00 Crystal McMichael, Dolores Piperno, Eduardo Neves and Eduardo Tamanaha—Signatures of Human Occupation in Amazonian Soils
- 9:15 Mark Bush—Shifting Baselines: Tales of the Unexpected
- 9:30 Ruth Dickau, Javier Aceituno and Anthony Ranere—From Frontier to Forefront: Microbotanical Evidence of Early Holocene Horticulture in the Middle Cauca Valley, Colombia
- 9:45 Alison Weisskopf, Ling Qin and Dorian Fuller—The Trajectory of Early Rice Intensification and Cultural Change in the Lower Yangtze Valley Revealed by an Ecological Analysis of Archaeological Phytoliths
- 10:00 Lisa Kealhofer, Judith Field and Adelle Coster—Phytoliths and the Development of Agriculture
- 10:30 Anthony Ranere and Richard Cooke—Contributions of Archaeological Research in Panama to the Early Human History of the American Tropics
- 10:45 Linda Scott Cummings—Tracing Zea Mays through the Americas Using Maize Cob Phytoliths
- 11:00 Irene Holst—"Human and Natural Processes Affecting Starch Grain Morphology in Archaeological Contexts"
- 11:15 Caroline Stromberg—3-D Morphology of Grass Short Cell Phytoliths: Unlocking the Evolution of Grasses and Grassland Ecosystems
- 11:30 Caroline Stromberg—Discussant

[187] SYMPOSIUM ■ SEE HOW WE ARE: REPRESENTING IDENTITY IN THE ANCIENT AMERICAS

Room: Continental Ballroom Parlor 9

Time: 8:00 AM - 11:45 AM

Chairs: Sarahh Scher and Billie Follensbee

Participants:

- 8:00 Sarahh Scher—High and Low: Highland and Coastal Dress in the Andean Region, 100–800
- 8:15 Billie Follensbee—Imitation is the Sincerest Form of Flattery: Gulf Coast Olmec Sex, Gender, and Dress as Reflected in the San Bartolo Murals
- 8:30 Erell Hubert—Representing and Negotiating Moche Identity in Everyday Life
- 8:45 Lois Martin—Cross-Dressing to Complement the King: Eco-iconography of the Aztec Cihuacoatl's Costume
- 9:00 Janet Levy—Intersecting Identities in Southeastern U.S. Prehistory
- 9:15 Giles Spence-Morrow—Scaling the Huaca: Constructing Late Moche Identity through Architectonic Re-Presentation of Place at Huaca Colorada, Jequetepeque Valley, Peru
- 9:30 Sara Juengst—Community and Ancestors in the Titicaca Basin during the Formative Period
- 9:45 James Farmer—Evolving Identities in Early Andean Art: Figurative Ceramics from Ancient Ecuador
- 10:00 Jenna Hurtubise, Haagen Klaus, José Pinilla and Carlos Elera—Sacrifice and Social Identity: Untangling Identity from a Mass Burial at Matrix 101, Huaca Las Ventanas, Peru
- 10:15 Andrea Vazquez De Arthur—The Expression of Human Identity on Wari Faceneck Vessels
- 10:30 Ann Peters—Identity, Presence and Political Relationships in the Mortuary Rituals of Paracas Necrópolis
- 10:45 Michele Smith, Juana Lazo, Alan Coogan and Maria Cecilia Lozada—Ramada Textiles from Southern Peru: Death's Social Skins
- 11:00 Lynne Sullivan and Michaelyn Harle—Phased Out: The Distinctive Identities of Late Mississippian Communities in Eastern Tennessee
- 11:15 Paige Bardolph and Dana Bardolph—Visual Representations and Entanglements: Photography and Native Identity-Making in the Classroom and Museum
- 11:30 Yumi Huntington—Head Motifs on Cupisnique Style Ceramics: Emblems of Cultural Identity in Early Andean Art

[188] SYMPOSIUM ■ PUBLIC PERCEPTIONS OF ARCHAEOLOGY
(Sponsored by the Public Archaeology Interest Group)

Room: Golden Gate 1

Time: 8:00 AM - 11:45 AM

Chairs: Holly Andrew and Brent Lane

Participants:

- 8:00 Meredith Langlitz and Ben Thomas—Keeping Up with the Times: Evolving Programs and Publics
- 8:15 Paul Burtenshaw—State, Local and Individual Perceptions of Archaeology as an Economic Asset
- 8:30 Ann Early—Learn by Doing: Sharpening Understanding of Archeologists and Sites among Diverse Publics with Hands On Activities in Arkansas
- 8:45 David Pokotylo—Public Perceptions of Archaeology and its Impact on Archaeological Resource Preservation: A Case Study from Western Canada
- 9:00 Holly Andrew—The Countless Perceptions of Archaeology in Archaeological Societies: A Case Study Involving the Oklahoma Anthropological Society
- 9:15 Barbara Clark—The Pros and Cons of "Public Archaeology Days"
- 9:30 Claire Novotny—Shifting Perceptions of Local Heritage: Community Archaeology in Aguacate Village, Toledo District, Southern Belize
- 9:45 Maia Dedrick, Patricia McAnany, Sarah Rowe and Ivan Batun-Alpuche—Learning Heritage While Teaching Archaeology at Tahcabo, Yucatán: Archaeologists' Perspectives on the Opportunities and Risks of Local Community Engagement
- 10:00 Danny Zborover—Moctezuma, King David, and a Gentile Meet on a Mountain: Religious Factionalism and Indigenous Perceptions of Archaeological Sites, Archaeology, and Archaeologists
- 10:15 Mechell Frazier, Leslie E. Drane and Ricardo Higelin Ponce de Leon—Engaging the Public through Women's Emergence in Archaeology
- 10:30 Paola Di Giuseppantonio Di Franco—Experiencing the Past through "Digifacts"
- 10:45 Christopher Espenshade—The Public Swinging Detectors: Interaction with Professional Archaeologists
- 11:00 Shawn Collins, Sarah Payne and Erica Olsen—There's No App for This: The Value of Archaeology and Experiential Education in a Digital Universe
- 11:15 David Moore, Christopher Rodning and Robin Beck, Jr.—A Way

Forward with Public and Professional Archaeology: The
Exploring Joara Foundation in North Carolina.

11:30 Lawrence Coben—Discussant

**[189] SYMPOSIUM ■ EXAMINING WEBS OF SOCIAL RELATIONS: NEW
RESEARCH IN WEST MEXICAN ARCHAEOLOGY AND WEST MEXICO-
U.S. SOUTHWEST CONNECTIONS**

Room: Franciscan CD

Time: 8:00 AM - 11:45 AM

Chairs: Michael Mathiowetz and Randall McGuire

Participants:

- 8:00 Polly Schaafsma—Some Observations on Hohokam Figurines:
Implications for Early American Southwest Connections with
West Mexico
- 8:15 Susana Ramirez-Urrea De Swartz, Catherine Liot and Javier
Reveles—The Transition between Epiclassic to Early
Postclassic in Western Mexico. Processes Involved in the
Sayula Basin (Jalisco)
- 8:30 Jorge Morales, Jose Carlos Beltran and Katrin Sieron—
Possible Causes for Mayor Cultural Change between Classic
and Postclassic Occupations in Western Mexico
- 8:45 José Carlos Beltrán Medina, Katrin Sieron and Juan Jorge
Morales—El sitio megalítico de Ahuacatlán, ejemplo de
erupciones volcánicas y de cambio cultural
- 9:00 Lourdes Gonzalez—Reconocimiento Arqueológico en las
Sierras Neovolcánicas Nayaritas: Dinámicas Culturales y
Patrón de Asentamiento
- 9:15 Daniel Pierce—Preliminary Results on Regional Postclassic
Aztatlán Obsidian Usage Patterns
- 9:30 Guadalupe Sanchez Miranda and John Philip Carpenter—
Funerary Practices in Prehispanic Sinaloa: Assessing Aztatlán
Mortuary Behavior
- 9:45 Jose Luis Punzo and Lissandra Gonzalez—Ring the Bell: A
Spatial Comparative Analysis of Copper Bells between the
Greater Southwest and Michoacán
- 10:00 Michael Mathiowetz—Copper Back Mirrors (Tezcacuitlapilli) as
Objects of Political and Religious Authority in the Casas
Grandes World (A.D. 1200–1450)
- 10:15 Elisa Villalpando—The Sound of Dancing in the Desert
Northwest/Southwest. Copper Bells from Trincheras, and the
Casas Grandes Connection
- 10:30 Danielle Phelps, Cristina Garcia-Moreno and James Watson—

- Selective Influence of West Mexico Cultural Traditions in the Onavas Valley, Sonora, Mexico
- 10:45 César Villalobos and Elisa Villalpando—Materiality of Death at Cerro de Trincheras, Sonora: A Comparison of Ceramic Urn Funerary Practice in a Macro Regional Scale
- 11:00 Natalia Martinez Taguena and Luz Alicia Torres Cubillas—Trading, Borrowing, Stealing, Fighting, Collaborating and Sharing: Comcáac Social Interactions with Their Neighbors
- 11:15 Questions and Answers
- 11:30 Joseph Mountjoy—Discussant

[190] SYMPOSIUM ■ ARCHAEOLOGY IN CONTEXT: THE INFLUENCE OF THE GEOARCHAEOLOGICAL CAREER OF PAUL GOLDBERG

(Sponsored by SAA Geoarchaeology Interest Group)

Room: Plaza A

Time: 8:00 AM - 12:00 PM

Chairs: Rolfe Mandel and Sarah Sherwood

Participants:

- 8:00 Trina Arpin and Harris Greenberg—Where's the Beef? The Value of an Interdisciplinary Approach to PPN Features
- 8:15 Susan Mentzer and Christopher Miller—From Kebara to KwaZulu-Natal: Integrating Micromorphology and Mineralogical Analyses in the Study of Diagenesis in Combustion Features
- 8:30 Curtis Marean and Panagiotis Karkanas—Cave Life Histories of Non-Anthropogenic Sediments Helps us "Raise the Bar" in Our Understandings of Anthropogenic Sediments
- 8:45 Alan Simmons and Rolfe Mandel—Site Formation Processes and Stratigraphy of Akrotiri Aetokremnos, Cyprus: The Devil is in the Details
- 9:00 Melissa Goodman-Elgar—A Microstratigraphic Perspective on Early Civic and Ritual Architecture: A Case from the Kala Uyuni Site, Bolivia
- 9:15 Vera Aldeias—Sea Shells by the Sea Shore: Microstratigraphic investigations of the Cabeço da Amoreira Mesolithic shell midden (Muge, Portugal)
- 9:30 Reid Ferring—New Evidence for Complex Occupation Patterns at Dmanisi, a 1.85–1.76 Ma Site in the Georgian Caucasus
- 9:45 Michael Chazan—The Earlier Stone Age Occupation of Wonderwerk Cave: Combining the Archaeology and Geology
- 10:00 Carolina Mallol, François Bachelier, Eugene Morin, Brad Gravina and Isabelle Crèvecoeur—Insights into Site Formation Processes at La-Roche-à-Pierrot, Saint Césaire (Charente-

Friday Morning, April 17

- Maritime, France): A Microstratigraphic Perspective
- 10:15 Brandy Rinck—Recent Applications of Micromorphology to Cultural Resources Management in the Pacific Northwest
- 10:30 Rolfe Mandel, Paul Goldberg, Tony Layzell and Jennifer Haas—Unraveling the Site Formation Process at Finch (47JE0902): A Multicomponent Habitation in Southeastern Wisconsin
- 10:45 Sarah Sherwood and Tristram R. Kidder—From Microstratigraphy to Ritual Behavior: the study of Earthen Monuments in Eastern North America
- 11:00 Harold Dibble, Alain Turq, Laurent Chiotti, Marie Soressi and Laurent Bruxelles—A Brief Review of the Work of Paul Goldberg in SW France
- 11:15 Dennis Sandgathe, Vera Aldeias, Harold Dibble and Shannon McPherron—A Most Interesting Career: Paul Goldberg's Other Contributions to Life and Science
- 11:30 Christopher Miller and Susan Mentzer—It's All about Scale—Thoughts on Paul Goldberg's Contributions to Geoarchaeology
- 11:45 Nicholas Conard—Discussant

[191] SYMPOSIUM ■ EVOLUTIONARY THEORY AND ARCHAEOLOGY, PART I: CULTURAL TRANSMISSION, CULTURAL EVOLUTION, AND EVOLUTIONARY ARCHAEOLOGY

Room: Continental Ballroom 4

Time: 8:00 AM - 12:00 PM

Chairs: Luke Premo and R. Alexander Bentley

Participants:

- 8:00 Brian Popp, Jarman Jarman, Hilary Close, Thomas Larsen and Terry Hunt—Why Terrestrial Diets in Island Environments? Evolutionary Considerations of Isotopic Results from Rapa Nui
- 8:15 Timothy Rieth and Ethan Cochrane—The Origins and Distribution of Oceanic Agricultural Techniques Revealed through Comparative Phylogenetic Analysis
- 8:30 Carl Lipo and Mark Madsen—An Approach to Fitting Transmission Models to Seriations for Regional-Scale Analysis
- 8:45 Jonathan Scholnick, Matthew Looper, Jessica Munson, Yuri Polyukhovych and Martha Macri—Using Glyphic Variation to Infer the Social and Spatial Scale of Learning among Classic Maya Scribes
- 9:00 Briggs Buchanan, Mark Collard and Michael O'Brien—Investigating Drivers of Technological Richness among Contact-Period Western North American Farmers

- 9:15 Charles Perreault—Measuring the Complexity of Lithic Technology
- 9:30 Luke Premo—Mobility and Cultural Diversity in Central-Place Foragers: Implications for the Emergence of Modern Human Behavior
- 9:45 Gilbert Tostevin and Luke Premo—The “Taskscape” and its Effects on Cultural Diversity: A Spatially Explicit Model of Mobility and Cultural Transmission
- 10:00 Mark Lake, Eugenio Bortolini and Enrico Crema—Is Wright-Fisher Reproduction an Appropriate Null Model for Cultural Transmission via Objects?
- 10:15 Anne Kandler—Analysing Cultural Change
- 10:30 Krist Vaesen and Wybo Houkes—No Strength in Numbers after all? Demographic Explanations of Cumulative Culture Re-Examined
- 10:45 Adrian Timpson, Katie Manning, Stephen Shennan and Enrico Crema—The Evolution of Farming, and the Boom and Bust of Culture
- 11:00 Stephen Shennan—Population, Monuments and Violence in Neolithic Europe
- 11:15 R. Alexander Bentley, William Brock and Michael O'Brien—Validating Niche-Construction Theory through Path Analysis
- 11:30 Peter Richerson—Cultural Evolution in Archaeology
- 11:45 Questions and Answers

[192] SYMPOSIUM ■ THE GEOARCHAEOLOGY OF SUBMERGED, INTERTIDAL, AND WETLAND PLACES: ADVANCES IN METHOD AND THEORY OF PREHISTORIC ARCHAEOLOGY UNDERWATER - 2015

Room: Continental Ballroom 6

Time: 8:00 AM - 12:00 PM

Chair: Michael Faught

Participants:

- 8:00 E. James Dixon and Kelly Monteleone—Survey for Submerged Archeological Sites on the Continental Shelf of SE Alaska: Proof of Concept
- 8:15 Quentin Mackie, Alison Proctor, Fedje Daryl and Bradley Colin—Survey for Stone Wall Fish Weirs on the Continental Shelf Near Haida Gwaii, British Columbia Using an Autonomous Underwater Vehicle (AUV)
- 8:30 Daryl Fedje, Quentin Mackie and Duncan McLaren—Paleoshorelines and Archaeology of the Discovery Islands on the West Coast of Canada

Friday Morning, April 17

- 8:45 Nicolena (Niki) Virga, Norman Easton, Charles Moore, Andrew Mason and Rob Field—The Montague Harbour Underwater Archaeology Project: Final Conclusions and Prospects for Future Research on the Northwest Coast
- 9:00 Ben Ford, Mark Durante and Katherine Farnsworth—The Potential for Submerged Prehistoric Sites Beneath Pennsylvania's Lake Erie Waters
- 9:15 John OShea, Ashley Lemke and Elizabeth Sonnenburg—Micro-Regional Approaches to Underwater Landscapes and Submerged Archaeological Sites
- 9:30 Stefan Claesson—Pleistocene Megafauna Finds from the Merrimack River Delta
- 9:45 Kerry Lynch—New England's Submerged Pre-Contact History: Identifying an Intact Archaic site in Salem, Massachusetts
- 10:00 Questions and Answers
- 10:15 Amanda Evans—Right Place, Right Time: Paleoindian Landscapes on the Gulf of Mexico, Outer Continental Shelf
- 10:30 Richard Weinstein, Charles Pearson and Amanda Evans—Identification and Assessment of Subsided and Drowned Prehistoric Archaeological Sites, Lakes Borgne and Pontchartrain, Southeastern Louisiana
- 10:45 C. Hemmings and J. M. Adovasio—Preliminary Investigations at Brownstone, an Underwater Site Adjacent to the Inundated Paleo-Suwannee River Channel, Florida
- 11:00 Jessica Cook and Ervan Garrison—These are the Pearls that were His Eyes: Interpretive Frameworks for Submerged Middle Archaic Sites in the Big Bend of Florida and the Georgia Bight, U.S.A.
- 11:15 Leah Colombo—Finding the Needle in the Haystack: Submerged Prehistoric Archaeological Sites in Everglades National Park
- 11:30 Jessi Halligan, Michael Waters and Morgan Smith—Preserved Paleoindian Site Potential and Regional Geological Patterns in Florida's Karst Rivers
- 11:45 Questions and Answers

[193] SYMPOSIUM ■ INTERPRETING CHANGES IN ANCIENT MAYA SOCIETY: FROM LANDSCAPE AND ARCHITECTURE TO EVERYTHING IN BETWEEN

Room: Golden Gate 6

Time: 8:00 AM - 12:00 PM

Chair: Paulo Medina

Participants:

- 8:00 Carlos Rincon Mautner—Ritual Constructions of the Mesoamerican Underworld View in the Caves and Cavates of the Southern Mexican Highlands: An Exploration of Changing Functions and Meanings
- 8:15 Marieka Arksey and Holley Moyes—Keeping it Natural: Ancient Maya Modifications of the Ritual Landscape Outside of Caves
- 8:30 Joseph Orozco—Ritualized Shatter: An Introduction of Obsidian to La Mipla, Belize
- 8:45 Erin Sears—Willfully Obscured: Figurines and Caves in the Maya Late Classic Period
- 9:00 Chip Foarde—Maya Graffiti and Sacred Spaces
- 9:15 Lauren Santini—Preliminary Results of Wood Charcoal Analysis for Household Groups in San Bartolo
- 9:30 Victoria Poston—Architecture and the Subjective Experience
- 9:45 Amber Lopez-Johnson and Jaime Awe—An Analysis of Architectural Form and Function at Cahal Pech, Belize: The Case of Structure B7
- 10:00 Elisa Mencos—Conjunto Los Árboles: Its Use
- 10:15 Asia Alsgaard—The Role of Offerings in Interpreting Architecture: Evaluating Human Remains at Xultun, Peten, Guatemala
- 10:30 Mary Clarke—The Role of the Sweatbath in Classic Maya Ritual Performance
- 10:45 Jennifer Wildt—Public or Private: Adaptations in the Use of Public Space during the Maya Late Classic Period
- 11:00 David Ricardo Del Cid Castillo—The Pyramid 12H3 Xultun Archaeological Site, Peten: Transition from the Preclassic to Classic
- 11:15 Jonathan Ruane—The Development and Modification of a Hydraulic Urban Space at the Classic Maya site of Xultun, Guatemala
- 11:30 Paulo Medina—Discussant
- 11:45 William Saturno—Discussant

[194] SYMPOSIUM ■ THE AZTECS AND THEIR WORLD: INTERDISCIPLINARY CONTRIBUTIONS OF FRANCES BERDAN

Room: Imperial Ballroom B

Time: 8:00 AM - 12:00 PM

Chairs: Michael Smith and Deborah Nichols

Participants:

- 8:00 Deborah Nichols—Frances F. Berdan and “Finding a Good

Friday Morning, April 17

- Road:" Anthropology and the Aztec World
- 8:15 Timothy Hare and Marilyn Masson—Tracking Luxury Craft Production across Mayapán's Physical and Social Landscapes
- 8:30 Leonardo López Luján and José Luis Ruvalcaba Sil—Templo Mayor's Gold
- 8:45 Emily Umberger—Warrior Regalia and Questions of Inalienable Possessions in the Aztec World
- 9:00 Laura Filloy and María Olvido Moreno Guzmán—The Chapultepec Castle Chimalli: A Habsburg-repatriated Mexica feline-hide shield
- 9:15 Michael Smith—The Economics of Aztec Inequality or, the Inequality of the Aztec Economy
- 9:30 Kenneth Hirth, Sarah Imfeld and Colin Hirth—The 16th Century Merchant Community of Santa Maria Acxotla, Puebla
- 9:45 Barbara Stark—Ceramic Emulation: Empires and Eminent Politics Seen from Afar
- 10:00 Janine Gasco—Life in the Tributary Province of Xoconochco
- 10:15 Helen Pollard—Nahua Merchants in a Tarascan World
- 10:30 Peter Robertshaw, Laure Dussubieux and Freda Nkirete—The Explanation of Ceramic Variation in East African Prehistory: New LA-ICP-MS Results from Gogo Falls, Kenya
- 10:45 Richard Blanton—Frannie Berdan and Economic Anthropology
- 11:00 Karl Taube—The Birth of Ehecatl: The Cultural Origins of the Avian Wind God OF Central Mexico
- 11:15 Alan Sandstrom—Why Pilgrimage? The Ethnography and Archaeology of Journeys to the Center
- 11:30 Frances Berdan—Discussant
- 11:45 Questions and Answers

[195] FORUM ■ CARING FOR HOMELANDS: TRIBAL HISTORIC PRESERVATION IN THE UNITED STATES

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

Room: Golden Gate 2

Time: 10:00 AM - 12:00 PM

Moderators: Sara Gonzalez and Patricia Garcia

Participants:

Dennis Lewarch—Discussant

Grace Goldtooth—Discussant

Maureen Mahoney—Discussant

Briece Edwards—Discussant

Marcos Guerrero—Discussant

Ronald Maldonado—Discussant
Ora Marek-Martinez—Discussant
William Quackenbush—Discussant
James Quinn—Discussant

[196] SYMPOSIUM ■ PRECLASSIC KAMINALJUYU, GUATEMALA: NEW INTERPRETATIONS ON SOCIAL PROCESSES

Room: Golden Gate 5

Time: 10:15 AM - 12:00 PM

Chair: Jose Raul Ortiz

Participants:

- 10:15 Takeshi Inomata—A Revised Kaminaljuyu Chronology and its Implications for Social Processes
10:30 Jose Raul Ortiz—Revisiting the Preclassic Ceramic Sequence of the Greater Kaminaljuyu Zone
10:45 Gloria Aju, Barbara Arroyo, Lorena Paiz and Andrea Rojas—The Chronological Ceramic Sequence of Naranjo, Guatemala: A Revision and Relationship to Kaminaljuyu
11:00 Eugenia Robinson—The Antigua Valley, Guatemala: Dating and Contexts of the Middle Preclassic Period
11:15 David Stuart—Early Maya Script and Visual Culture: A Chronological and Geographical Reassessment
11:30 Lucia Henderson—All in Good Time: the “New Highland Chronology” and the Sculptures of Kaminaljuyú, Guatemala
11:45 Geoffrey Braswell—Discussant

[197] SYMPOSIUM ■ RESEARCH DESIGNS AND DAMAGE ASSESSMENTS: APPROPRIATE RESPONSE TO TREAT IRREVOCABLY EFFECTED PLACES

Room: Union Square 2

Time: 10:15 AM - 12:00 PM

Chairs: Johna Hutira and Nina Swidler

Participants:

- 10:15 Nina Swidler, Johna Hutira and Joyce Francis—Amity Pueblo: A Different Sort of Horror
10:30 Martin McAllister—Getting Right with the Damage: Archaeological Value and Cost of Restoration and Repair Determinations Archaeological Damage Cases
10:45 Desiree Martinez and Cindi Alvitre—Caring for the Honuukvetam Pimuu've: Lessons from the Metropole Project, Avalon, Catalina Island, California

Friday Morning, April 17

- 11:00 Shereen Lerner—Applying the Principles of MATRIX in the Real World
- 11:15 Theresa Pasqual and Kurt Dongoske—Mitigating the Sacred? Examining the Role of Native American Associative Values in Resolving Adverse Effect
- 11:30 Joseph Ontiveros and Desiree Martinez—Collaborative Efforts to Preserve Los Angeles' History: Saving The Campo Santo
- 11:45 Claudia Nissley—Discussant

[198] GENERAL SESSION ■ MESOAMERICAN ARCHAEOLOGY: CENTRAL MEXICO AND THE GULF COAST

Room: Union Square 1

Time: 10:15 AM - 11:45 AM

Chair: Chantal Huckert

Participants:

- 10:15 Yamile Lira-Lopez—Distribución temporal de la cerámica teotihuacana en el valle intermontano de Maltrata, Veracruz
- 10:30 Osiris Quezada and Camila Pascal—Vocablos nahuas aplicados al proceso constructivo de los edificios prehispánicos del Altiplano Central
- 10:45 Chantal Huckert—Imágenes en la Vestimenta de las Figurillas Sonrientes de la Costa del Golfo
- 11:00 Arturo Pascual Soto—Los murales de El Tajin: Excavaciones en un antiguo edificio pintado
- 11:15 Rebecca Gonzalez Lauck—On Olmec niche figures, altars and thrones
- 11:30 Diana Zaragoza—Digging into Mesoamerican History in the Huastec Region

[199] SYMPOSIUM ■ DIGITAL ANALYSIS OF THE NATURAL AND CULTURAL INTERFACE

(Sponsored by ICAHM)

Room: Golden Gate 7

Time: 10:30 AM - 12:00 PM

Chairs: Douglas Comer and Mike Carson

Participants:

- 10:30 Will Megarry, Gabriel Cooney, Robert Sands, Douglas Comer and Bryce Davenport—Mapping Marginal Landscapes—A Study from Neolithic Shetland
- 10:45 Mike Carson—De-coding landscape heritage through cross-disciplinary studies in Pacific Oceania

- 11:00 Douglas Comer, Ronald Blom, Bruce Chapman, Will Megarry and Bryce Davenport—Searching for Evidence of Early Human Occupation of the New World with Aerial and Satellite Imagery
- 11:15 Bryce Davenport, Douglas Comer, Will Megarry, Alexandru Popa and Sergiu Musteata—Terrain Modeling at Orheiul Vechi, Moldova
- 11:30 Thomas Sever, Thomas L. Sever and Robert Griffin—A Satellite-Based Perspective on Ancient Climate in Tropical and Desert Regions
- 11:45 Till Sonnemann, Menno Hoogland, Corinne L. Hofman, Eduardo Herrera Malatesta and Jorge Ulloa Hung—Amerindian Archaeological Site DEM Construction and Analysis from UAV Flights

[200] SYMPOSIUM ■ MACROSCOPIC APPROACHES TO ARCHAEOLOGICAL HISTORIES: INSIGHTS INTO ARCHAEOLOGICAL PRACTICE FROM DIGITAL METHODS

Room: Golden Gate 3

Time: 10:30 AM - 12:00 PM

Chair: Shawn Graham

Participants:

- 10:30 Tom Brughmans—Off the Beaten Track: Exploring what Lies Outside Paths of Most Frequently Cited Publications in Citation Networks
- 10:45 Joshua Wells, David Anderson, Eric Kansa, Sarah Kansa and Stephen Yerka—Beyond Sharks and Laser Beams: Lessons on Informatics Needs, Open Behaviors, and Analytics Practices to Achieve Archaeological Big Data, as Learned from the Digital Index of North American Archaeology (DINAA)
- 11:00 Eric Kansa—Academic Freedom, Data, and Job Performance in the Panopticon
- 11:15 Lorna-Jane Richardson—Discussant
- 11:30 Ian Kretzler, Joss Whittaker and Ben Marwick—Grand Challenges vs Actual Challenges: Text Mining Small and Big Data for Quantitative Insights
- 11:45 Ethan Watrall—Discussant

[201] GENERAL SESSION ■ MUSEUMS, COLLECTIONS, AND CURATION

Room: Yosemite A

Time: 10:30 AM - 12:00 PM

Chair: Jody Clauter

Participants:

- 10:30 Joel Zovar—Digital Solutions in an Imperfect World: Digital Asset Management, Outreach and the Crisis in Curation
- 10:45 Linda Hurcombe, Alison Sheridan and Fiona Pitt—Touching the Past in Museums: Issues of Authenticity and Identity for Crafted Replicas and 3D Print Facsimiles of Rare, Perishable and Iconic Artefacts
- 11:00 Donna Ruhl—Exposed Again: Current Environmental Impact on Dugout Canoes—Their Research and Care!
- 11:15 Daniel Shoup and Luca Zan—The Shipwrecks of Pisa: Management, Professional Optimism, and Bureaucratic Myopia
- 11:30 Jody Clauter—The Results of Using Associated Records to Facilitate New Research: Recent Excavations at the Elk Mountain Site (48CR301)
- 11:45 Sarah Love and Andrew Vaughan—3D Modeling of Archaeological Collections: A Case Study in Archaeometry

[202] POSTER SESSION ■ BIOARCHAEOLOGY IN THE UNITED STATES AND CANADA

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 202-a Charles Boyd, Terry Melton and Donna Boyd—Bioarchaeological Evidence for Matrilineal Descent in a 13th Century Native American Village
- 202-b David Byers and Joan Coltrain—Bone Carbonate Derived Stable Isotope Data and Aleut Diet Change
- 202-c Tiffany Tung, Molly Shea and Larisa DeSantis—Stable Isotope Analysis of African Slave Burials from the Grassmere Plantation, Nashville, Tennessee
- 202-d Virginia Lucas—A Reexamination of Human Remains from Late Prehistory in the Alabama River Valley
- 202-e Debra Martin, John Crandall and Ryan Harrod—No Better Angels Here: Bioarchaeology of Non-Lethal Head Wounds in the Greater Southwest (AD 900–1350)
- 202-f Jessica Cerezo-Román—Deconstructing Multiple Intersecting Identities and Cremation Ritual among the Preclassic Hohokam of the Tucson Basin

[203] POSTER SESSION ■ BIOARCHAEOLOGY AND MORTUARY ARCHAEOLOGY IN SOUTH AMERICA

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 203-a Davette Gadison, Kassie Sugimoto, Danielle Kurin and Bethany Turner-Livermore—Ethnic Disparity and Stress in Prehispanic Peru: A Contextualized Analysis of Cranial Pathology and Facial Asymmetry
- 203-b María Claudia Herrera López—An Approach to the Tombs and Rituals in Area 49 in San José de Moro
- 203-c Lucas Kellett, Sarah Jolly, Danielle Kurin and Guni Monteagudo—Life at Achanchi: A High Altitude Chanka Burial Site from the Andahuaylas Region of Southern Peru
- 203-d Gustavo Martinez and Gustavo Flensburg—New Evidences of Human Corpse Manipulation among Hunter-Gatherers Societies in North-Eastern Patagonia (Argentina)
- 203-e William Pestle, Christina Torres-Rouff and Francisco Gallardo—Life and Death at the Mouth of the River Loa: Bioarchaeological and Biogeochemical Analysis of Human Remains from Formative Period Northern Chile
- 203-f Allisen Dahlstedt—Infectious Diseases within the Tiwanaku Periphery
- 203-g Sarah Baitzel—What Once Was...: Taphonomical Processes and their Implications for Understanding Tiwanaku Funerary Practices and Social Identities
- 203-h Erin Smith, William Pestle, Francisco Gallardo and Christina Torres-Rouff—Isotopic Analysis of Dietary Variation in Formative Period Chile

[204] POSTER SESSION ■ ADVANCES IN BIOARCHAEOLOGICAL METHODS

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 204-a Joshua Schnell—Three-Dimensional Osteometry: A Comparative Study of 3D Model Generation Techniques for Cranial Osteometry
- 204-b Elizabeth Simon and Hugo F.V. Cardoso—Preliminary Testing of Facial Approximation Methods for finding the Pronasale in Children
- 204-c Frankie Pack, Kathryn Kulhavy and Graciela Cabana—Validation of a Non-Destructive DNA Extraction Protocol for Ancient DNA Analyses
- 204-d Tony Fitzpatrick and Leslie Brown—A Novel Method of Stature

- Estimation for Fragmentary Femora
- 204-e Jeremy Pye—Laboratory Techniques for the Detection of Human Parasites in Archaeological Samples
- 204-f Briana New, Merisa Stacy, Sarah Blessing, Jessa Ripley and Susan Kuzminsky—Testing the Applicability of Non-destructive Methods and Databases for Determining Biological/Cultural Affiliation within NAGPRA

[205] POSTER SESSION ■ GLOBAL STUDIES IN BIOARCHAEOLOGY AND MORTUARY ARCHAEOLOGY

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 205-a Sarah Schrader and Michele Buzon—A Bioarchaeological Assessment of Diet and Dental Health during the New Kingdom/Napatan Transition in Ancient Nubia (Tombos, Sudan)
- 205-b Katherine Kinkopf and Jess Beck—Bioarchaeology and Looting: A Case Study from Sudan
- 205-c Barbara Betz—The Tooth About Pastoralism: Oral Health, Physiological Stress and Diet in a 19th Century Mobile Pastoralist Population from Mongolia
- 205-d Lana Williams and Jane Masségla—Tending the Vines: Biomechanical Evidence of Laterality and Gendered Labor Division in Viticulture at Pessinus, Turkey
- 205-e Tiffany Hansen and Steve Hackenberger—Bioarchaeology, Barbados, Eastern Caribbean: Isotopic Analyses of Teeth and Bone from Human Remains
- 205-f Sean Dougherty and Akira Tsuneki—To Snatch the Baby from Its Mother's Lap: Infant Mortality and Maternal Health at Tell el-Kerkh, Syria
- 205-g Amanda Groff, Tosha Dupras and John Krigbaum—Take Me Home Desert Roads...Stable Oxygen Isotope Analysis and Migration in the Dakhleh Oasis, Egypt
- 205-h Amber Joliz Steinbruchel, Aaron Chang, John Kribaum and Adam Lauer—A Bioarchaeological Investigation of an Explosive Impacted Skeleton from Ifugao, Philippines Cordillera
- 205-i Jacqueline Eng and Mark Aldenderfer—Skeletal Trauma in an Ancient High Altitude Himalayan Community of Mustang, Nepal
- 205-j Alexandra McDougale and Adam Lauer— Ifugao Neonate and Infant Oral Health
- 205-k Blair Heidkamp and Olivia Navarro-Farr—Tomb of the Goblets: Revisiting a Middle Bronze Burial from Pella in Jordan

- 205-l Meagan Shirley and P. Nick Kardulias—Anglo-Saxon and Viking Ship Burials as Indicators of Rank and Wealth

**[206] POSTER SESSION ■ BIOARCHAEOLOGY AND MORTUARY
ARCHAEOLOGY IN MESOAMERICA**

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 206-a Michael Walters and Rebecca Storey—Juvenile Death and Ancestor Veneration: Comparing Child Burials of the Preclassic Maya at K'axob and Cuello, Belize
- 206-b Aviva Cormier—A Combined Bioarchaeological and Isotopic Approach to Understanding the Regional Diversity and Population Mobility within the Holmul Region, Guatemala
- 206-c Megan Greenfelder—Examination of Mortuary Ritual Associated with Construction Events in peripheral sites of the Motul de San Jose polity, Peten, Guatemala
- 206-d Kirsten Green, Ashley McKeown and Rosanne Bongiovanni—Always Facing East...Except when They're Not: Preliminary Analysis of Mortuary Trends at Cahal Pech, Cayo, Belize

**[207] POSTER SESSION ■ BIOARCHAEOLOGY AND MORTUARY
ARCHAEOLOGY IN EUROPE: METHODOLOGICAL AND ETHICAL
PERSPECTIVES**

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 207-a Evan Muzzall—Burial and Social Organization in Italian Iron Age Necropoleis: Testing a Biodistance Approach
- 207-b Jana Velemínská, Lucie Bigoni, Jan Dupej, Petra Fenclová and Petr Velemínský—Fluctuating Asymmetry, Developmental Stress and the Socioeconomic Structure of a Great Moravian Early Medieval Society
- 207-c Petr Velemínský, Petra Havelkova, Jan Dupej, Jana Velemínská and Dominique Castex—Sexual Dimorphism and Morphological Variability with Regard to the Socio-Economic Structure of the Early Medieval European Population (6th–9th Century)
- 207-d Sharon DeWitte—Developmental Stress and Disease Susceptibility: the Association between Skeletal Indicators of Leprosy and Other Physiological Stressors

- 207-e Katherine Page, Tosha Dupras, Rimantas Jankauskas, Lana Williams and Courtney Eleazer—Deviance in Youth: Anomalous Nitrogen and Carbon Isotopic Values among Individual Subadults at Medieval Alytus, Lithuania
- 207-f Alina Tichinin, Eric Bartelink, Gunita Zarina, Sabrina Sholts and Sebastian Wärmländer—The Relationship between Cribra Orbitalia, Zinc Deficiency, and Dietary Habits in Children from 17th–18th Century Jēkabpils, Latvia
- 207-g Jaroslav Bruzek, Kevin Salesse, Petr Velemínský, Pascal Sellier and Dominique Castex—Bioarchaeology of a Demographic Crisis in the Baroque Phase of the St. Benedict Cemetery in Prague: a Multidisciplinary Approach
- 207-h Sacha Kacki and Dominique Castex—From Burial Grounds to the Interpretation of Past Epidemics: Diagnostic Approach and New Insight on Funerary Practices
- 207-i Colene Knaub, Nicole Jacobson and Kate Flor-Stagnato — Exhumation vs. Excavation: The Armenian Genocide and Our Ethical Responsibilities

[208] POSTER SESSION ■ MORTUARY ASSEMBLAGES FROM URACA, AN EARLY WARI-ERA CEMETERY IN THE MAJES VALLEY OF AREQUIPA, PERU

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Chair: Cassandra Koontz

Participants:

- 208-a Cassandra Koontz—Landscapes of Violence: Trophy Head Production and Interpersonal Violence during the Wari era in the Middle Majes Valley, Arequipa, Peru
- 208-b Adam Birge and Cassandra Koontz—Trophies of Violence: The Manufacturing and Processing of Human Trophy Heads at Uraca
- 208-c Megan Allen—Spinning in the Middle Horizon: Spindle Whorls from the Site of Uraca in the Majas Valley
- 208-d Samantha Seyler—Belt-Making Traditions and Identity at the Site of Uraca, Majes Valley, Peru
- 208-e Aric Archebelle-Smith, Cassandra S. Koontz, Lisseth Rojas Pelayo and Manuel Angel Mamani—Variations in Cranial Vault Modification at Uraca, Majes Valley, Peru

[209] SYMPOSIUM ■ THE DISCOVERY, EXCAVATION, AND LESSONS OF

**IRONWOOD VILLAGE, AN EARLY HOHOKAM BALLCOURT
SETTLEMENT NEAR TUCSON, ARIZONA**

(Sponsored by PaleoWest Archaeology)

Room: Continental Parlor 2

Time: 10:45 AM - 12:00 PM

Chairs: Shawn Fehrenbach and Thomas Motsinger

Participants:

- 10:45 Thomas Motsinger and Shawn Fehrenbach—Digital Archaeology at Ironwood Village: A Model for Archaeology's Paperless Future
- 11:00 Kye Miller—An Overview of Architectural Practice at the Ironwood Village, Northern Tucson Basin, Arizona
- 11:15 Douglas Mitchell and Teresa Ingalls—The Ironwood Village Cemeteries: Exploration of Burial Customs at an 8th Century Hohokam Village
- 11:30 Andrew Lack and Todd Bostwick—Games, Feasting, and Trade Fairs: Assessing the Relationship between Ballcourts and Exchange at the Ironwood Village Site
- 11:45 Cory Breternitz—Discussant

[210] SYMPOSIUM ■ EXPLORING SOCIAL CHANGE IN THE EPIPALAEOLITHIC AND EARLY NEOLITHIC OF THE NEAR EAST

Room: Continental Ballroom Parlor 8

Time: 10:45 AM - 12:00 PM

Chair: Fiona Coward

Participants:

- 10:45 Fiona Coward—Using Networks to Investigate Material Identities in the Epipalaeolithic and Early Neolithic of the Near East
- 11:00 Lisa-Marie Shillito—Technological Choice or Environmental Constraints? Fuel Use at Boncuklu and Çatalhöyük
- 11:15 Emma Jenkins, Carol Palmer, John Grattan, Samantha Allcock and Sarah Elliott—An Integrated Phytolith and Geochemical Approach to Understanding Activity Areas and the Choice of Building Materials in Neolithic Sites Using Ethnographic Analysis
- 11:30 Bill Finlayson—Community and Agency in the Early Neolithic of SW Asia
- 11:45 Lisa Maher, Tobias Richter and Danielle Macdonald—(Re)Constructing and Using Space in the Epipalaeolithic: Exploring Technologies, Domestic Activities and Communal Living in Eastern Jordan

[211] GENERAL SESSION ■ NEOLITHIC SETTLEMENTS AND LANDSCAPES**Room:** Union Square 25**Time:** 10:45 AM - 12:00 PM**Chair:** Benjamin Chan**Participants:**

- 10:45 Richard Yerkes, William Parkinson and Attila Gyucha—A Tale of Two Tells: Variation in Neolithic Nucleated Settlements in Southeastern Europe
- 11:00 Olivier Weller, Jérôme Dubouloz and Laurence Manolakis—From Materiality to Space: Monumental Enclosures, Exploited Mineral Resources and Territoriality during the Michelsberg Culture (Neolithic, 4200–3700 BC, France and Germany)
- 11:15 Ivan Gatsov and Petranka Nedelcheva—Lithic Assemblages in NW Turkey during the 7-6 mill BC
- 11:30 Lech Czerniak—Is Length Significant? LBK Longhouses and the Their Social Context in Central-Eastern Europe
- 11:45 Benjamin Chan—The Faces Behind the Façade: Monuments and their Associated Practices in Neolithic Britain

[212] GENERAL SESSION ■ ZOOARCHAEOLOGICAL STUDIES IN THE SOUTHWESTERN UNITED STATES**Room:** Golden Gate 4**Time:** 10:45 AM - 12:00 PM**Chair:** Michael Wylde**Participants:**

- 10:45 Laura Steele—Interpretations of the Use of Avian and Mammalian Fauna at Sapa'owingeh (LA 306)
- 11:00 Lucy Gill, Gabrielle Borenstein and Adam Watson—Life on the Edge: An Investigation of 18th Century Spanish Colonial Subsistence Strategies in the Northern Rio Grande
- 11:15 Shannon Landry—Zooarchaeology in the Southwest: Ritual Consumption and Faunal Resources at Ridge Ruin Pueblo
- 11:30 Sarah MacDonald—Problems at the Peaks: A Zooarchaeological Analysis of Subsistence Stress at Elden Pueblo
- 11:45 Michael Wylde—The Faunal Assemblage from the Cañada Alamosa, New Mexico

[213] SYMPOSIUM ■ CURRENT ARCHAEOLOGICAL RESEARCH: APPLICATIONS IN THREE-DIMENSIONAL GEOGRAPHIC INFORMATION

SYSTEMS**Room:** Union Square 13**Time:** 11:15 AM - 12:00 PM**Chairs:** Terance Winemiller and Virginia Ochoa-Winemiller**Participants:**

- 11:15 William Folan, Terance L. Winemiller and Lynda Florey Folan—
Using 3D Geographic Information Systems to Understand
Settlement Decisions at Calakmul
- 11:30 Christopher Blair—A Three Dimensional View of Architecture
and Building Material Use at Structure B-4 Cahal Pech, Belize
C.A.
- 11:45 Virginia Ochoa-Winemiller and Terance Winemiller—Visualizing
Prehistoric Artifacts: 3D Scanning, GIS, and Data Sharing

**[214] GENERAL SESSION ■ ARCHAEOLOGY OF SOCIAL ORGANIZATION IN
THE ANCIENT NEAR EAST AND LEVANT****Room:** Golden Gate 8**Time:** 11:15 AM - 12:00 PM**Chair:** D. Bruce Dickson**Participants:**

- 11:15 Susannah Fishman—Pots and Production: The Secret Agents
of the Urartian Empire
- 11:30 D. Bruce Dickson—Reinterpreting the Rise of the State in
Mesopotamia as a Self-Organizing Process Engendered by the
Interaction of Interpersonal Behavior and Religious Eschatology
- 11:45 Janling Fu—The Expression of Ideology in Levantine
Submission Scenes: The Black Obelisk of Shalmaneser III as
Feasting in a Neo-Assyrian Context

Friday Afternoon ■ April 17, 2015**[215] SYMPOSIUM ■ CHERT SOURCING CASE STUDIES PART II:
LANDSCAPE DISTRIBUTION AND PREHISTORIC SOCIETIES.***(Sponsored by PQEMIG)***Room:** Yosemite B**Time:** 1:00 PM - 2:00 PM**Chair:** Ryan Parish**Participants:**

- 1:00 Andrew Zipkin, Alison Brooks, John Hanchar, Kathy Schick and Nicholas Toth—The Preferential Collection and Use of Ochre Pigments and Iron Ores at Twin Rivers Kopje, Zambia
- 1:15 Kevin Smith—Color Matters: The Selection and Use of Lithic Raw Materials in Viking Age and Medieval Iceland
- 1:30 Sean Doyle, Tristan Carter and Daniel Contreras—Archaeological Visibility at Stélida, Naxos: Identifying Activity Hubs at a Palaeolithic Chert Quarry in the Cyclades
- 1:45 Elizabeth Pintar, Nora Franco and Jorge G. Martínez—The Exploration and Colonization of Two Southern Deserts: Case Studies from the Puna and Patagonia

**[216] SYMPOSIUM ■ MAPPING OUT POTTERY PRODUCTION AND EXCHANGE
IN THE LATE CLASSIC VALLEY OF OAXACA, MEXICO****Room:** Golden Gate 8**Time:** 1:00 PM - 2:30 PM**Chairs:** Leah Minc and Jeremias Pink**Participants:**

- 1:00 Leah Minc—From Clay Survey to Ceramic Provenance: Establishing a Ceramic Geography for the Late Classic Valley of Oaxaca
- 1:15 Robert Markens, Cira Martínez López and Marcus Winter—Ceramic Production and Distribution in Classic Period Monte Albán, El Trapiche and Lambityeco
- 1:30 Ronald Faulseit, Gary Feinman and Linda Nicholas—Ceramic Paste Distribution and Market Exchange in the Tlacolula Valley, Oaxaca, Mexico
- 2:00 Jeremias Pink—Rural Craft Production and Market Participation in Late Classic Oaxaca: A Case Study from Yaasuchi
- 2:15 Jeffrey Blomster—Discussant

[217] SYMPOSIUM ■ TAMTOC: CHARACTERIZING AN URBAN SOCIETY.**RECENT INVESTIGATIONS****Room:** Imperial Ballroom A**Time:** 1:00 PM - 2:30 PM**Chair:** Estela Martínez**Participants:**

- 1:00 Patricia Hernandez Espinoza—Discussant
- 1:15 Daniel Valtierra Vega, Emiliano Ricardo Melgar Tisoc and Reyna Beatriz Solís Ciriaco—Local or Foreign? The Technological Styles of the Lapidary from Tamtoc
- 1:30 Benno Fiehring and Guillermo Cordova Tello—The Political Organization of the Tampaón River Region, San Luis Potosí, Mexico
- 1:45 Estela Martínez and Patricia Olga Hernández Espinoza—Burial Treatment in the Area of La Noria, Tamtoc, SLP, Mexico
- 2:00 Denia Berenice Villanueva Ruiz—Zoomorphic Representations of Figurines in Tamtoc, SLP, Mexico
- 2:15 Corey Ragsdale and Heather JH Edgar—Biological Distance among Huastec, Veracruz, and Maya Groups

[218] SYMPOSIUM ■ SUSTAINING HERITAGE: NEW DIRECTIONS FOR ARCHAEOLOGY*(Sponsored by SAA Heritage Values Interest Group; ICAHM/ICOMOS)***Room:** Union Square 2**Time:** 1:00 PM - 2:45 PM**Chairs:** Hilary Soderland, Peter Biehl and Christopher Prescott**Participants:**

- 1:00 Necmi Karul and Mert Bertan AVCI—Heritage and Sustainable Tourism In Turkey: The Case Study of Aktopraklık
- 1:15 Josephine Rasmussen—Heroes of Heritage: Detrimental Situations as Commendable Motivation for Hobbyist Metal Detecting
- 1:30 Tiffany Cain and Richard Leventhal—Heritage Preservation, Community Development and Sustainability: Tihosuco, Mexico and the Caste War of the Yucatan
- 1:45 Caitlin Curtis and Peter Biehl—Çatalhöyük and Localized Universality: The Challenge of Sustaining Heritage Post-UNESCO
- 2:00 Douglas Comer—Discussant
- 2:15 Sander Van Der Leeuw—Discussant
- 2:30 Jean-Paul Demoule—Discussant

[219] SYMPOSIUM ■ CURRENT INVESTIGATIONS IN THE PETÉN LAKES REGION, GUATEMALA

Room: Golden Gate 5

Time: 1:00 PM - 2:45 PM

Chairs: Justin Bracken and Carolyn Freiwald

Participants:

- 1:00 Matthew Yacubic—Postclassic to Contact Period Economic Patterns in the Central Peten: The View from Zacpeten
- 1:15 Yuko Shiratori—Where is Temple?: Construction and Use of Ceremonial Group at Tayasal
- 1:30 Justin Bracken—Muralla de Leon: Exploring the Fortifications
- 1:45 Carolyn Freiwald, Katherine Miller and Tim Pugh—The Effect of Missionization on the Itza Maya from Isotopic and Biodistance Evidence
- 2:00 Katherine South—Conceptualizing Early Pottery Value in the Petén Lakes of Guatemala
- 2:15 Nathan Meissner and Prudence Rice—Postclassic Petén Maya Bow and Arrow Use as Revealed by Immunological Analysis
- 2:30 Timothy Pugh, Prudence Rice and Evelyn Chan—An Orthogonal Grid at Nixtun-Ch'ich', Petén, Guatemala

[220] GENERAL SESSION ■ ARCHAEOLOGY AND BIOARCHAEOLOGY OF THE SOUTHEASTERN UNITED STATES

Room: Golden Gate 6

Time: 1:00 PM - 2:45 PM

Chair: Diana Greenlee

Participants:

- 1:00 Christine Halling and Ryan Seidemann—Maxillary Lateral Incisor Agensis: A Case Study of Hypodontia from the Smith Creek Site, Mississippi
- 1:15 Sarah Mathena, Molly K. Zuckerman, Nicholas P. Herrmann and Toni J. Copeland—A Multistage Model for Treponemal Disease Susceptibility
- 1:30 Diana Greenlee, Rinita Dalan and Thurman Allen—More to the (Poverty) Point: Investigation of a Previously Unknown Mound
- 1:45 Judith Melton and Jesse W. Tune—On The Waterfront...Or Not: Investigating the Relationship between Late Archaic Landuse Patterns and Hafted Biface Curation in the Midsouth
- 2:00 Daniel LaDu and Ian W. Brown—The View from Mazique (22Ad502): Reconsidering the Coles Creek/Plaquemine Cultural Transition from the Perspective of the Natchez Bluffs Region of the Lower Mississippi Valley

- 2:15 Barbara Purdy, Kathryn Rohlwing and Bruce MacFadden—
Devil's Den (8LV84), Florida: Rare Earth Element (REE)
Analysis Suggests Contemporaneity between Late Pleistocene
Fauna and Human Skeletal Material
- 2:30 Christopher Hays and Richard Weinstein—A Tale of Two Sites:
the Connections between Poverty Point and Tick Island

**[221] ELECTRONIC SYMPOSIUM ■ OPEN METHODS IN ARCHAEOLOGY: HOW
TO ENCOURAGE REPRODUCIBLE RESEARCH AS THE DEFAULT
PRACTICE**

(Sponsored by Digital Data Interest Group)

Room: Union Square 1

Time: 1:00 PM - 3:00 PM

Chairs: Ben Marwick, Mark Lake and Andrew Bevan

Participants:

Ben Marwick—Reproducible Research in Archaeology: Basic Principles
and Common Tools

Thomas Dye—Compendia and Collaboration: A Case Study from
Hawai'i

Julian Richards—Encouraging Open Methods via Data Repositories

Mark Madsen—Tools for Transparency and Replicability of Simulation in
Archaeology

C. Michael Barton—Opening the Black Box: Enabling Transparency in
Scientific Computation

Fabrizio Galeazzi—ADS 3D Viewer: An Example of Open 3D Real-Time
Visualization System in Archaeology

Andrew Bevan—Scripting the Spatial Analysis of Archaeological
Datasets

**[222] FORUM ■ TELLING ARCHAEOLOGY:
!WRITE!SPEAK!ENGAGE!#WINNING#BESTFORUMEVER**
(Sponsored by Student Affairs Committee)

Room: Franciscan AB

Time: 1:00 PM - 3:00 PM

Moderator: Erin Baxter

Participants:

April Beisaw—Discussant

Brian Fagan—Discussant

Stephen Lekson—Discussant

Ian Morris—Discussant

Lorna-Jane Richardson—Discussant

Claudia Valentino—Discussant

[223] FORUM ■ CONS OR PROS? SHOULD ARCHAEOLOGISTS COLLABORATE WITH RESPONSIBLE COLLECTORS?
(Sponsored by Ethics and Public Education Committees)

Room: Continental Parlor 2

Time: 1:00 PM - 3:00 PM

Moderators: Michael Shott and Bonnie Pitblado

Participants:

Lynn Fisher—Discussant

Ann Early—Discussant

Stephen Nash—Discussant

Jim Cox—Discussant

Terry Childs—Discussant

Robert Connolly—Discussant

Teresita Majewski—Discussant

Fran Seager-Boss—Discussant

Christopher Merriman—Discussant

Ryan Harke—Discussant

[224] FORUM ■ DIALOGS IN CALIFORNIA ARCHAEOLOGY

Room: Golden Gate 2

Time: 1:00 PM - 3:00 PM

Moderators: Fanya Becks and Peter Nelson

Participants:

Lee Rains Clauss—Discussant

Alan Leventhal—Discussant

Wendy Teeter—Discussant

Nick Tipon—Discussant

Freddie Romero—Discussant

[225] SYMPOSIUM ■ TRIBAL HERITAGE MANAGEMENT PROGRAMS IN ACTION AT THE GILA RIVER INDIAN COMMUNITY, ARIZONA

Room: Imperial Ballroom B

Time: 1:00 PM - 3:00 PM

Chair: Kyle Woodson

Participants:

1:00 Kyle Woodson—Tribal Heritage Management in Action at the

- Gila River Indian Community, Arizona
- 1:15 Craig Fertelmes, Michael Withrow and Letricia Brown—
Vesicular Basalt Provenance Analysis: A Collaborative
Research Effort among Southern Arizona Native American
Communities and Archaeologists
- 1:30 Chris Loendorf, Shari Tiedens, Brett Coochyouma and R. Scott
Plumlee—Akimel O'odham Projectile Point Design and P-MIP
Archaeological Research
- 1:45 Wesley Miles and Kyle Woodson—Documenting Ancient
Hohokam Irrigation Systems along the Middle Gila River and the
Social Organization of Irrigation
- 2:00 J Andrew Darling and Barnaby V Lewis—Place, Place Name
and Property in the Identification of O'odham and Pee Posh
TCPs
- 2:15 Teresa Rodrigues, Frances Landreth, Lorrie Lincoln-Babb and
Chris Loendorf—Rock Art Heritage Conservation and
Management
- 2:30 John Hoffman, Teresa Rodrigues, Emery F. Manuel and Alan
Sinclair—Gila River Indian Community's Wildland Fire
Archaeology Program
- 2:45 Garry Cantley—Discussant

**[226] SYMPOSIUM ■ THE CUTTING EDGE OF AMERICAN
PALAEOETHNOBOTANY**

Room: Golden Gate 3

Time: 1:00 PM - 3:30 PM

Chair: Christine Hastorf

Participants:

- 1:00 Naomi Miller—Beyond Seeds and Charcoal: Constructing a Past
for the Future
- 1:15 John Marston—Reconstructing Agricultural Decision Making
from Paleoethnobotanical Remains
- 1:30 Deborah Pearsall—The Nature and Status of Paleoethnobotany:
Methods and Approaches for Understanding Site Formation
Processes
- 1:45 Neil Duncan—The Nature and Status of Paleoethnobotany
- 2:00 Bruce Smith—Current and Future Directions in Archaeobotany
- 2:15 Logan Kistler—Molecular Archaeobotany from its Early
Foundations Onward: New Questions and Perspectives for the
Genomic Era
- 2:30 Paul Minnis—Paleoethno...What?
- 2:45 Amber VanDerwarker—Social Spaces between Diet and

Foodways

- 3:00 Dolores Piperno—Some Comments on Present and Future Contributions of Paleoethnobotany in the Neotropics
- 3:15 Jose Iriarte, Francis Mayle, Ruth Dickau, Bronwen Whitney and John Carson—A Multi-Proxy Approach to Investigate Human-Plant Interactions in Amazonia: A Case Study from the Llanos de Moxos

[227] SYMPOSIUM ■ ENTANGLED ENCOUNTERS IN THE CENTRAL ANDES: PROCESS, OUTCOME AND LEGACY

Room: Yosemite C

Time: 1:00 PM - 3:30 PM

Chairs: Carla Hernandez Garavito and Kasia Szremski

Participants:

- 1:00 Rafael Vega-Centeno—Ethnic Interaction and Settlement Composition at Huacramarca
- 1:15 Milosz Giersz, Patrycja Prządka Giersz and Wiesław Wieckowski—Entangled Encounters in the Wari World: Coast-Highland Interactions during the Middle Horizon as Revealed by the Archaeological and Bioarchaeological Investigations in the Castillo de Huarmey, North-Central Coast of Peru
- 1:30 Allen Rutherford—Forming Bonds in the Late Intermediate Period Huaura Valley and Central Coast of Peru
- 1:45 Kasia Szremski—Entangled Encounters between the Chancay and Chaupiyunginos in the Huanangue Valley, Peru
- 2:00 Aldo Noriega—Expansión de la Cerámica Chancay en el valle de Checras en la Sierra Norte de Lima
- 2:15 Jonathan Palacios Linares—Ideología y rituales de lluvia compartidos por los yungas del Período Cerámico Inicial (1,600 a.C.) y las poblaciones serranas del presente en la cuenca del Rímac, Costa Central del Perú
- 2:30 Peter Eeckhout—Travelers Stones. Highland and Coastal Interactions in Late Ritual Contexts at Pachacamac
- 2:45 Carla Hernandez Garavito—Interaction and Ethnic Boundaries in the Lurin valley: Yauyos and Yschmas in the archaeological record
- 3:00 Krzysztof Makowski—Discussant
- 3:15 Tom Dillehay—Discussant

[228] SYMPOSIUM ■ EVOLUTIONARY THEORY AND ARCHAEOLOGY, PART II: APPLICATIONS OF HUMAN BEHAVIORAL ECOLOGY,

MACROEVOLUTIONARY APPROACHES, AND COSTLY SIGNALING**Room:** Continental Ballroom 4**Time:** 1:00 PM - 3:30 PM**Chair:** LuAnn Wandsnider**Participants:**

- 1:00 Michael Church—Renaissance Florentine Palaces, Costly Signaling, and Lineage Survival
- 1:15 LuAnn Wandsnider—Big House on the Prairie?: Signal Quality across Multi-ethnic Homesteading Contexts in the Central Plains (USA)
- 1:30 Fraser Neiman—Costly Signaling and the Dynamics of Consumption in the Early-Modern Atlantic World: The Case of Clay Tobacco Pipes
- 1:45 James Boone—Signaling Entitlement: The Behavioral Ecology of Conspicuous Consumption
- 2:00 Lisa Nagaoka—Two Archaeologies? Costly Signaling and Human Behavioral Ecology in Archaeology
- 2:15 Lindsay Scott, Anna Marie Prentiss and Matthew J. Walsh—Macroevolutionary Archaeology in 2015: Testing Historical and Evolutionary Hypotheses, for Example, about Arctic Migration Pulses
- 2:30 Michael Rosenberg—That Complex Whole: Hierarchies, Sorts, and Punctuation
- 2:45 Paul Roscoe—Discussant
- 3:00 Simon Holdaway—Discussant
- 3:15 Questions and Answers

[229] GENERAL SESSION ■ ARCHAEOLOGY IN THE SOUTHWESTERN UNITED STATES**Room:** Golden Gate 4**Time:** 1:00 PM - 3:30 PM**Chair:** Jason Chuipka**Participants:**

- 1:00 Jill Neitzel—Color Symbolism of U.S. Southwest Jewelry
- 1:15 Leonard Kemp, Cynthia Munoz, Raymond Mauldin and Robert Hard—Archaeological Implications of Vegetation Shifts in the Northern Chihuahuan Desert
- 1:30 Nathan Wales, Jazmín Ramos Madrigal and M. Thomas P. Gilbert—New genetic perspectives on early maize cultivation in the American Southwest
- 1:45 Kaitlyn Davis and Scott Ortman—Transformation in Daily Activity at Tsama Pueblo, New Mexico

- 2:00 Habiba Habiba, Jan Athenstädt and Ulrik Brandes—Social Shifts in the Late Pre-Hispanic U.S. Southwest
- 2:15 Jason Chuipka—Absent or Overlooked: Addressing the Early Athapaskan Presence in the San Juan Basin of Northwest New Mexico
- 2:30 David Doyel—The Earliest Known Occupations of the Globe Highlands in Central Arizona
- 2:45 Spencer Lodge—Earth Oven Facilities of the Sheep Range in Southern Nevada
- 3:00 Jenna Domeischel, Leland Bement and Scott Hammerstedt—Geophysical Explorations at a Reservoir Site in Southwestern Oklahoma
- 3:15 Ryan Harrod—No Big Dudes Here: Bioarchaeology of Social Control at Aztec Ruins

[230] SYMPOSIUM ■ THOSE DAM SITES: RECENT ARCHAEOLOGICAL RESEARCH IN THE DAKOTAS

Room: Union Square 25

Time: 1:00 PM - 3:45 PM

Chairs: Andrew Clark and Adam Wiewel

Participants:

- 1:00 Andrew Clark—Boots on the Ground and Planes in the Air: Assessing Damage to Archaeological Sites Caused by the 2011 Missouri River Floods
- 1:15 Adam Wiewel, Autumn Cool, Christopher Fletcher, Taylor Thornton and James Zimmer-Dauphinee—Remote Sensing Investigations at Midipadi Butte (32DU2) and Nightwalker's Butte (32ML39), North Dakota
- 1:30 James Donohue—Buried Middle Archaic Period Occupations on the James River at 39BE122
- 1:45 Debra Green, Damita Engel, Dante Knapp and Kimball Banks—Rocks in Our Heads: Recent Investigations in Knife River Flint Quarry Area
- 2:00 Renee Boen, Jessica Bush and Heidi Sieverding—Sourcing Quartzite Projectile Points from 39FA65, The Ray Long Site, Fall River County, South Dakota
- 2:15 Whitney Goodwin, Kacy L. Hollenback, Fern Swenson, Matthew T. Boulanger and Michael D. Glascock—Technological Variability in Woodland and Plains Village Period Ceramics from Central and Eastern North Dakota
- 2:30 Kacy Hollenback, Christopher Roos, Fern Swenson, Andrew Quicksall and Mary Hagen—A Tale of Two Houses: Soil

- Chemical and Floor Assemblage Evidence of Domestic Activities at the Menoken Site, North Dakota
- 2:45 Jennifer Deats—Occupation Lengths in Middle Missouri Sites
- 3:00 Paul Picha and Carl Falk—Where Rivers Flow: Mandan and Hidatsa Subsistence Economies from an Archaeomalacological Perspective
- 3:15 Wendi Field Murray—Revisiting Like-A-Fishhook: Coalescence and Community on the Missouri River, North Dakota
- 3:30 Questions and Answers

[231] SYMPOSIUM ■ ADVANCES ON THE INVESTIGATION OF CHALCHIHUITES CULTURE

Room: Continental Ballroom Parlor 9

Time: 1:00 PM - 3:45 PM

Chairs: Cinthya Vidal and Emmanuel Gómez Ambríz

Participants:

- 1:00 Israel Andrade, José Luis Punzo and Héctor Cabadas—Spike Scraper an Approach to Lithics from Durango
- 1:15 Fiorella Fenoglio—La minería en la Cultura Chalchihuites.
- 1:30 Alfonso Grave—Llano Grande. ¿Un sitio chachihuiteño de explotación de la obsidiana?
- 1:45 Cindy Sandoval, José Luis Punzo and Héctor Víctor Cabadas—Petrographic Analysis of Ceramics and Construction Materials: The Dwellers of Cueva del Maguey in the Sierra Madre Occidental and the Ferreria Site of the Guadiana Valley in Durango, Mexico
- 2:00 Bridget Zavala and Selene Galindo Cumplido—Seeds of Memory: A Long-Term Study of Life and Plant Use in the Sextin River Valley of Durango, Mexico
- 2:15 Giovanni Castillejos González, Estela Martínez Mora and Daniel Valtierra Vega—Bioarchaeological Results of the Suchil River Valley Project, Zacatecas and Durango, Mexico
- 2:30 Miguel Vallebuena, Jose Luis Punzo Díaz, Brenda Álvarez-Sandoval, Sara García and Rafael Montiel—Paleogenomic Perspectives of Archaeological Human Samples from Durango, Mexico
- 2:45 Cinthya Vidal—Between Life and Death. The Burial Systems at the Guadiana Valley, Durango
- 3:00 Guillermo Cordova—The River Suchil Valley Project, Zacatecas and Durango 10 Years of its Inception
- 3:15 Emmanuel Gómez Ambríz—La necesidad del ritual, el movimiento y la regeneración. Interpretaciones desde la

- información arqueológica en la región chalchihuiteña
 3:30 Questions and Answers

[232] SYMPOSIUM ■ LANDSCAPE AND SOCIAL ORGANIZATION DURING THE LATE INTERMEDIATE AND LATE HORIZON PERIODS IN THE LOWER LURIN VALLEY, PERUVIAN CENTRAL COAST

(Sponsored by Instituto de Estudios Peruanos)

Room: Union Square 21

Time: 1:00 PM - 3:45 PM

Chair: Enrique Lopez-Hurtado

Participants:

- 1:00 Camila Capriata Estrada—The Inca Occupation at Pampa de Flores: Continuity, Changes and Abandonment of Public Architecture in the Lurin Valley during the Late Horizon
- 1:15 Kyra Webb—The Organization of the Lower Lurin Valley during the Late Intermediate and Late Horizon Periods
- 1:30 Zachary Critchley—Explorations of Public Space at the Site of Panquilma
- 1:45 Danielle Gilbert—Expressions of Power in Public Architecture in the Lurin Valley
- 2:00 Alfredo Ramirez—The Comparison of Central and Peripheral Household Compounds at the Site of Panquilma, Peruvian Central Coast
- 2:15 Elena Christakos and Augusto Vásquez—Panquilma: Socio-Politics in Household Archaeology
- 2:30 Sudarsana Mohanty—Analysis of Mortuary Rituals at Panquilma
- 2:45 Bryan Núñez Aparcana—Ancestor Veneration in a Domestic Space in Panquilma. A Preliminary Approach Based on the Ceramic Analysis
- 3:00 Anna Kelleher and Sudarsana Mohanty—Analysis of In-Tact Mummy Bundles from the 2014 Field Season at Panquilma
- 3:15 Jo Burkholder—Discussant
- 3:30 Enrique Lopez-Hurtado—Discussant

[233] SYMPOSIUM ■ EVOLUTION AND ECOLOGY IN OCEANIA

Room: Continental Parlor 1

Time: 1:00 PM - 4:00 PM

Chairs: Robert DiNapoli and Alex Morrison

Participants:

- 1:00 Christina Giovas, Scott Fitzpatrick, Osamu Kataoka and Meagan Clark—Prehistoric Fishing Declines at Chelechol ra Orrak,

- Palau: Resolving Issues of Anthropogenic Impacts and Long-Term Resource Sustainability
- 1:15 John OConnor—Artifact Networks, Cultural Transmission, and Polynesian Settlement
- 1:30 Robert DiNapoli—Despotism, Cooperation, and the Evolution of Social Hierarchy in Prehistoric Hawai'i
- 1:45 Brian Lane—The View from Rapa: Behavioral Ecology and Fortifications in Polynesia
- 2:00 Terry Hunt and Carl Lipo—The Evolution of “hyper-locality” on Rapa Nui (Easter Island)
- 2:15 Darby Filimoehala—Agent Based Modeling (ABM) Approaches to Understanding Prehistoric Forager Ecology in Tokelau
- 2:30 Christopher Filimoehala, Alex Morrison and Melinda Allen—Modeling Climate Impacts and Human Predation on Marine Populations Using Prey Age Profiles: An Agent Based Model
- 2:45 Rebecca Hazard and John Dudgeon—Developing a Microfossil Key for Fiji from Modern Herbarium Specimens
- 3:00 Damion Sailors—Ring Graph Analyses of Early Communities on Rapa Nui Measuring the Distribution of Stone-lined Earth Ovens (umu)
- 3:15 Seth Quintus and Jeffrey Clark—Examining The Temporal Scale of Human-Environmental Relationships on Ofu Island, Manu'a Group, American Samoa
- 3:30 John Dudgeon, Rebecca Hazard and Amy Commendador—Further evidence for a Terrestrial-Focused Protein Diet in Prehistoric Rapa Nui
- 3:45 Amy Commendador, John Dudgeon and Bruce Finney—Prehistoric Diet on Rapa Nui via Stable Isotope Analyses of Bone Collagen and Carbonate

[234] SYMPOSIUM ■ THE DYNAMISM OF CONTACT AND EXCHANGE IN EARLY CENTRAL AND EAST ASIA

Room: Continental Ballroom Parlor 7

Time: 1:00 PM - 3:45 PM

Chairs: Andrew Womack and TzeHuey Chiou-Peng

Participants:

- 1:00 Xinyi Liu—Why Moving Starch? Trans-Eurasian Exchange of Starchy Crops in Prehistory
- 1:15 Joshua Wright, William Honeychurch and Amartuvshin Chunag—Into the Distance: Initial Observations from the Dornod Mongol Survey
- 1:30 Yu Qi Li—Pastoral Communities Thrived in a Rocky Valley of

- the Tian-Shan Mountains—New Survey Results of the Dense Pastoralist Sites in the Mohuchahan Valley of Xinjiang, China
- 1:45 Yan Sun—Local Communities in the Northeastern Frontier of the Central Plain during the Late Second and Early First Millennium BC
- 2:00 Tsuimei Huang—The Bead Strings with Jade Huang Pendants of the Zhou Period of China: Revived Tradition or Adopted Fashion
- 2:15 Sheri Lullo—Beauty and Adornment in Fertile Lands and Desert: Toiletries from Burials of Han China and Her Western Neighbors
- 2:30 Mandy Jui-man Wu—Contact and Exchange in Northern China: A Case Study on the Tomb of a Zoroastrian Priest, Kang Ye (512-571 CE)
- 2:45 Sören Stark—Territorial Barriers in Central Asia: Investigating the "Long Wall" of Bukhara (Uzbekistan)
- 3:00 Michael Frachetti—Discussant
- 3:15 Katheryn Linduff—Discussant
- 3:30 Questions and Answers

[235] SYMPOSIUM ■ CURRENT PRACTICE IN DIGITAL PUBLIC & COMMUNITY ARCHAEOLOGY

Room: Union Square 13

Time: 1:00 PM - 4:00 PM

Chair: Ethan Watrall

Participants:

- 1:00 Gabriel Moshenska—Digital Public Archaeology in the UK—A Review
- 1:15 Holly Wright and Michael Charno—Mobile App Development at the Archaeology Data Service
- 1:30 Ethan Watrall—MBRIA: A Platform to Build, Serve, and Manage Mobile Public Heritage Experiences
- 1:45 Douglas Gann—Introducing CVR, a Content Management System for Digital Archaeological Interpretation
- 2:00 Andrew Reinhard and Shawn Graham—Playing Pedagogy: Videogaming as Site and Vehicle for Digital Public Archaeology
- 2:15 Chiara Bonacchi, Andrew Bevan, Daniel Pett and Adi Keinan-Schoonbaert—MicroPasts and Research-Led Public Archaeology
- 2:30 Lynne Goldstein—Digital Public Archaeology Reconsidered: Lessons from Michigan State University's Campus Archaeology Program
- 2:45 Carrie Heitman—Creating Communities of Collaboration

- through Digital Archaeology and the Digital Humanities
- 3:00 Elizabeth Bollwerk, Eve Hargrave, Elizabeth Konwest and Rebecca Simon—In Progress: Updating and Redesigning the SAA's Archaeology For the Public Webpages
- 3:15 Lorna-Jane Richardson—Public Archaeology in a Digital Age: An Overview of My Research
- 3:30 Colleen Morgan—Discussant
- 3:45 Questions and Answers

[236] SYMPOSIUM ■ PROJECT ARCHAEOLOGY MAKES A DIFFERENCE: THE NEXT 25 YEARS

Room: Plaza B

Time: 1:00 PM - 3:45 PM

Chairs: Jeanne Moe and A. Gwynn Henderson

Participants:

- 1:00 Margaret Heath and Maureen Malloy—Project Archaeology's Role in the Rise of Heritage Education in the United States
- 1:15 Courtney Agenten—National Network: The Strength of Project Archaeology
- 1:30 Crystal Alegria and Shane Doyle—Making History Relevant and Sustainable: Listening to Descendant Communities through Collaboration and Partnership
- 1:45 Rebecca Pollack and Jules McKnight—Project Archaeology in the Classroom: Aptos Middle School and the Presidio
- 2:00 Nancy Ely and Alyssa Scott—Archaeology and the Common Core: Bay Farm School and UC Berkeley
- 2:15 Eleanor King and Stephen Epstein—Where Are We Going? The Impact of Project Archaeology on the Profession, Past and Future
- 2:30 A. Gwynn Henderson and Linda S. Levstik—What Could Archaeology's Impact Be On Education?
- 2:45 Jeanne Moe—The Times Are Changing: Project Archaeology Makes a Difference
- 3:00 Susan Chandler—Discussant
- 3:15 Larry Zimmerman—Discussant
- 3:30 Anne Pyburn—Discussant

[237] SYMPOSIUM ■ THEORIZING AND EXCAVATING NEIGHBORHOODS
(Sponsored by Archaeology Division of the American Anthropological Association)

Room: Continental Parlor 3

Time: 1:00 PM - 4:15 PM

Chairs: David Pacifico and Lise Truex

Participants:

- 1:00 David Pacifico and Lise Truex—Opening and Orienting
Comments: Theorizing and Excavating Neighborhoods
- 1:15 Alleen Betzenhauser and Timothy Pauketat—Elements of
Cahokian Neighborhoods
- 1:30 Anna Harkey—Walls Speak: Architectural “Neighborhoods” in
Late Intermediate Period Peru
- 1:45 Mark Lehner—Neighborhood to National Network: Pyramid
Settlements of Giza
- 2:00 April Kamp-Whittaker and Bonnie J. Clark—Creating a
Community in Confinement: The Development of
Neighborhoods in Amache, a WWII Japanese American
Internment Camp
- 2:15 Ashley Whitten and David Chicoine—Urban Planning,
Neighborhoods, and the Organization of Residential Space at
the Early Horizon Center of Caylán, Coastal Ancash, Peru
- 2:30 Santiago Juarez—The Preclassic Maya Site of Noh K’uh: A
Network of Communities
- 2:45 Edward Swenson—Rethinking the Urban Microcosm in the
Ancient Andes: The Extended Neighborhoods of the North
Coast of Peru
- 3:00 Juliana Novic—Neighborhood Organizational and Interactional
Variation in Comparative Perspective
- 3:15 Ricardo Antorcha Pedemonte, Lane F. Fargher and Richard E.
Blanton—Intermediate Scale Socio-Spatial Units, Collective
Action, and the State in Cross-Cultural Perspective
- 3:30 Elizabeth Stone—Discussant
- 3:45 Steven Wernke—Discussant
- 4:00 Questions and Answers

**[238] SYMPOSIUM ■ CROSS-CULTURAL ENCOUNTERS/ENTANGLEMENTS IN
ISLAND SOUTHEAST ASIA AND THE WESTERN PACIFIC**

Room: Continental Ballroom Parlor 8

Time: 1:00 PM - 4:15 PM

Chair: Stephen Acabado

Participants:

- 1:00 Sandy De Leon—Investigating Social Practices, Community and
Interaction in the Philippine Islands during the Metal Age
- 1:15 Grace Barretto-Tesoro—Evidence of Precolonial Cosmology
from the Philippines

- 1:30 Cecilia Smith—Negotiating Power at the Spanish-Philippine Frontier: What Evidence of Indigenous Prestige Economies Reveals about Indigenous-Colonial Interaction
- 1:45 Ellen Hsieh—Early Spanish Colonialism in Manila: A Historical Archaeology Viewpoint
- 2:00 John Peterson—Islamic Trade and Entrepots in the Second Millennium Philippines Archipelago
- 2:15 Mary Jane Louise Bolunia, Rey Santiago and Alfredo Orogo—Early Maritime Involvement of Butuan with Other Southeast Asian Polities and China
- 2:30 Jared Koller and Kaoru Ueda—In Search of Southeast Asia's trade network: Comparative Ceramic Analysis
- 2:45 Scott Fitzpatrick, Jessica Stone, Justin Tackney, John Krigbaum and Greg Nelson—Prehistoric Mobility and Population Movements in Palau: New Data from aDNA and Stable Isotope (Sr, Pb) Analysis
- 3:00 Mikhail Echavarri and Stephen Acabado—Ending the Antiquity Debates: The "Short History" Model of the Ifugao Rice Terraces, Philippines
- 3:15 Wolfgang Alders and Jared Koller—Rice Terraces as Defensive Structures: Landscape Modeling in Hapao, Ifugao
- 3:30 Madeleine Yakal and Jacy Moore—Global Connections: Beads and the Interaction Network of the Ifugao, Cordillera, Philippines
- 3:45 Adam Lauer and Alexandra McDougale—Infant Health and Burial Practices in Late Prehistoric and Contact Period Kiyangan, Ifugao
- 4:00 Questions and Answers

[239] SYMPOSIUM ■ FIRE AND HUMANS IN RESILIENT ECOSYSTEMS IN THE AMERICAN SOUTHWEST

Room: Franciscan CD

Time: 1:00 PM - 4:30 PM

Chairs: Christopher Roos and Matt Liebmann

Participants:

- 1:00 Thomas Swetnam and Joshua Farella—Fire, Forests, Climate and People in the Jemez Mountains: A 500-Year, Landscape-Scale Perspective
- 1:15 T. J. Ferguson, John Welch, Benrita Burnette and Stewart Koyiyumtewa—Fire Adds Richness to the Land: Ethnographic Research for the FHIRE Project
- 1:30 Adam Stack, Sarah Martini and Matt Liebmann—Using Surface Archaeology to Estimate Ancestral Jemez Population Dynamics,

AD 1300–1700

- 1:45 Jonathan Van Hoose and Connie Constan—Time and Technology at Kwastiyukwa, a Large Classic-Period Pueblo in the Jemez Mountains, New Mexico
- 2:00 Christopher Roos, Michael Aiuvalasit, Jenna Battillo, Chris Kiahtipes and Thomas Swetnam—Multi-Millennial Fire Histories from Sedimentary Archives: Human and Climate Impacts
- 2:15 Rachel Loehman, Christopher Roos and Thomas Swetnam—Modeling Ecological Resilience and Human-Environment Interactions in Engineered Landscapes of the Prehistoric American Southwest
- 2:30 Questions and Answers
- 2:45 Anastasia Steffen and Rachel Loehman—ArcBurn: Measuring Fire Vulnerability in Southwestern Landscapes
- 3:00 Dana Drake Rosenstein and Christopher I. Roos—Luminescence Dating of Surface Ceramics from Naturally Burned Archaeological Contexts
- 3:15 Joshua Farella, Thomas Swetnam and Mathew Liebmann—Forests, Fires and People: Reconstructing Human-Natural Interactions on the Jemez Plateau, New Mexico with Tree Rings
- 3:30 Michael Aiuvalasit—Through Fire and Water: The Vulnerability and Resilience of Highland Ancestral Puebloan Communities to Prehistoric Droughts in the Jemez Mountains, New Mexico
- 3:45 Barry Price Steinbrecher and Paul Tosa—Jemez Oral Traditions and Ancestral Landscapes
- 4:00 John Welch, Paul Tosa, Francis Vigil and Rachael Loehman—Toward a Sovereignty-Driven Paradigm for Transdisciplinary Research on Social-Ecological Systems
- 4:15 Ronald Towner—Discussant

[240] SYMPOSIUM ■ THE PRACTICES OF DEATH: THE ARCHAEOLOGY OF MORTUARY RITUAL IN ANCIENT EGYPT AND SUDAN

Room: Golden Gate 1

Time: 1:00 PM - 4:30 PM

Chairs: Jessica Kaiser, Elizabeth Minor and Lissette Jimenez

Participants:

- 1:00 Anne Austin—Fragmented Bodies and Splintered Coffins: What Can They Tell Us about Ancient Egyptian Mortuary Practices?
- 1:15 Jessica Kaiser—Where's Your Mummy? The Business of Mummification in Late and Roman Period Egypt
- 1:30 Amanda Wissler—Shaping Health: An Examination of Health, Social Identity and Burial Practices in the Egyptian Predynastic

- 1:45 Sandra Wheeler, Lana Williams and Tosha Dupras—Death at Birth: Changing Mortuary Practices from the Late Ptolemaic to the Romano-Christian Period in Egypt
- 2:00 Robert Yohe—The Human Osteology of Tell El Hibeḥ: Preliminary Observations
- 2:15 Alicia Cunningham-Bryant—Living on the Edge: Syncretism, Acculturation and the Meroitic Kingdom
- 2:30 Lissette Jimenez—Variations on an Osirian Theme: Gendered Expressions of Identity in Osiris Funerary Shrouds from Roman Egypt
- 2:45 Elizabeth Minor—Who Wants to Live Forever? The Practice of Mass Human Sacrifice during Early State Formation in the Nubian Classic Kerma Period
- 3:00 Carol Redmount—Mortuary Practices through Time at El Hibeḥ, Egypt
- 3:15 Deanna Kiser-Go—A Tale of Two Tombs: The Relationship between Khonsu's Funerary Monument and that of Userhat
- 3:30 Rita Lucarelli—The Ancient Egyptian Book of the Dead on Coffins: Ritual Protection and Justification of the Deceased
- 3:45 Christopher Sevara and Brenda Baker—Death from Above: Using Remote Sensing Data to Examine Mortuary Landscapes along the Nile 4th Cataract
- 4:00 Brenda Baker—Death on the Middle Nile: Mortuary Traditions and Identity at the Top of the Great Bend
- 4:15 Questions and Answers

[241] SYMPOSIUM ■ NEW PERSPECTIVES ON THE ARCHAEOLOGY OF TECHNOLOGICAL CHANGE

Room: Union Square 14

Time: 1:00 PM - 4:15 PM

Chair: Nathaniel Erb-Satullo

Participants:

- 1:00 Michael Schiffer—Social Processes and Technological Change
- 1:15 Pamela Vandiver—Reverse Engineering Ancient Pyrotechnologies
- 1:30 Carrie Brezine—Bodies of Technology: Dress in Colonial Peru
- 1:45 Bastien Varoutsikos—Lithic Technology Transfer and the Mesolithic-Neolithic Transition in the South Caucasus
- 2:00 Peter Bray—Beyond Provenance: Using the Chemical Composition of Copper-Alloys to Explore Technology and Metal Flow
- 2:15 David Anthony and Dorcas Brown—Horseback Riding and the

- Unintended Consequences of Innovation
- 2:30 Heather Miller—Invented, Adopted, Shared, Acquired, Inspired? Technological Change and the Talc-Faience Complexes of the Indus Valley Tradition
- 2:45 James Neely—Large-Scale Prehistoric Water Management Projects by Small Cooperating Corporate Groups in Mexico and Arizona
- 3:00 Matthew Howland, Brady Liss, Craig Smitheram, Mohammad Najjar and Thomas E. Levy—Investigating the Social Dynamics of Iron Age Copper Production: Preliminary Results from New Excavations at Khirbat al-Jariya, Jordan
- 3:15 Nathaniel Erb-Satullo—Applying Innovation Diffusion Theory to Archaeology: a Case Study on the Rise of Iron Technology in Western Asia
- 3:30 Bryan Pfaffenberger—Discussant
- 3:45 Steven Kuhn—Discussant
- 4:00 Questions and Answers

[242] SYMPOSIUM ■ THE DIMENSIONS OF RITUALITY 2000 YEARS AGO AND TODAY

Room: Plaza A

Time: 1:00 PM - 4:45 PM

Chairs: Christa Schieber de Lavarreda and Miguel Orrego Corzo

Participants:

- 1:00 Christa Schieber de Lavarreda—The Universe of Ritual Manifestations at Tak'alik Ab'aj
- 1:15 Marisa Vázquez De Ágredos Pascual, Christa Schieber de Lavarreda, Cristina Vidal Lorenzo and Patricia Horcajada Campos—las Fragancias Rituales del Preclásico en Tak'alik Ab'aj
- 1:30 Violeta Vazquez Campa—The Roles of the Figurines of Oaxaca
- 1:45 Marion Popenoe Hatch and Matilde Ivic de Monterroso—Smoke Signals: Interpretations
- 2:00 Barbara Arroyo—Ritual Practices at the Middle Preclassic Site of Naranjo, Guatemala
- 2:15 Didier Boremanse—Religious Rites of the Lacandon
- 2:30 Lynne Lowe—La tradición de los incensarios en el centro de Chiapas
- 2:45 Isaac Barrientos, Salazar Daniel and Sion Julien—Los Recintos Funerarios y la Veneración de los Antepasados en los Espacios Habitacionales del Grupo B de Naachtun, Guatemala

- 3:00 Cristina Lorenzo and Gaspar Muñoz—Material Manifestation of Ritual Survival after Abandonment
- 3:15 Matthias Stöckli—Dance and Music in Maya Rituals: The Case of Tecum
- 3:30 Sergio Romero—"Just the Leftovers!" Pre-Christian Ritual in Highland Maya Colonial Documents
- 3:45 Arlene Colman—La Venta's Offering 4: Representation of Olmec Ritual Practices
- 4:00 Miguel Orrego Corzo and Heber Delfino Torres Estrada—Current Ritual Materiality at Tak'alik Ab'aj
- 4:15 Oswaldo Chinchilla—Discussant
- 4:30 Tomás Pérez Suarez—Discussant

[243] SYMPOSIUM ■ THE GEOARCHAEOLOGY OF SUBMERGED, INTERTIDAL, AND WETLAND PLACES: ADVANCES IN METHOD AND THEORY OF PREHISTORIC ARCHAEOLOGY UNDERWATER 2015 -- PART 2

Room: Continental Ballroom 6

Time: 1:00 PM - 4:45 PM

Chair: Peter Leach

Participants:

- 1:00 Grady Caulk, Daniel Hughes and Wendy Weaver—Locating and Identifying Submerged Prehistoric Sites as Part of CRM
- 1:15 Alice Kelley, Joseph Kelley and Daniel Belknap—A Predictive Model for Submerged Prehistoric Sites, Northern New England and Canadian Maritimes
- 1:30 David Robinson, Doug Harris and John King—Identifying Submerged Paleocultural Landscapes: A Collaborative Archaeological Approach
- 1:45 Darrin Lowery—Geoarchaeological Proxies of Late Holocene Sea Level Rise: Marine Transgression and the Archaeological Record of the Delmarva Peninsula
- 2:00 Neil Puckett—Underwater Geoarchaeology of Perennial Lakes in the Great Basin
- 2:15 Michael Faught and Michael Arbuthnot—Spring Surprise: The Lessons Learned and Unexpected Results of the Chassahowitzka Headsprings Archaeological Assessment and Monitoring Project
- 2:30 Isabel Cartajena, Valentina Flores, Cristina Ortega, Diego Carabias and Renato Simonetti—Geoarchaeological Approaches: Assessing the Formation and Preservation of a Late Pleistocene Drowned Terrestrial Site on the Pacific Coast of South America (Chile)

- 2:45 Valerie Feathers, Heather McKillop and E. Cory Sills—
Excavation of an Inundated Shell Midden: Methods and
Preliminary Findings at a Classic Maya Saltwork
- 3:00 Morgan Smith—A Geoarchaeological Review of the Guest
Mammoth Kill Site (8MR130) in the Silver River, Florida
- 3:15 Rachel Watson and Heather McKillop—In Too Deep:
Excavations of a Partially Inundated Ancient Maya Salt Works at
Wiz Naab, Paynes Creek National Park, Belize
- 3:30 Peter Leach—The Suitability of Ground-Penetrating Radar for
Mapping Sub-Marsh Paleogeography and Implications for
Large-Scale Archaeological Surveys of Wetlands and Marshes
- 3:45 Michael Faught—Discussant
- 4:00 Peter Leach—Discussant
- 4:15 Jonathan Benjamin—Discussant
- 4:30 Questions and Answers

**[244] SYMPOSIUM ■ LOWLAND MAYA TERRITORIES: LOCAL DYNAMICS IN
REGIONAL LANDSCAPES**

Room: Continental Ballroom 5

Time: 1:00 PM - 5:00 PM

Chairs: Lisa LeCount and David Mixer

Participants:

- 1:00 Lisa LeCount and David W. Mixer—Between Earth and Sky:
The Social and Political Construction of Ancient Lowland Maya
Territories
- 1:15 James Doyle—Preclassic Maya Territories and Boundaries
- 1:30 Marieka Brouwer Burg, Eleanor Harrison-Buck and Astrid
Runggaldier—Preclassic Roots of Well-Trodden Routes in the
Central Maya Lowlands of Belize
- 1:45 Jeffrey Dobereiner—Incorporation and Independence in the
Preclassic Western Maya Lowlands: Integrating Local and
Regional Traditions at Rancho Búfalo, Chiapas, Mexico
- 2:00 Jonathan Pagliaro and Travis Stanton—Shifting Allegiances at
Yaxuna during the Early to Late Classic: Territory and the Loss
of Independent Rule
- 2:15 Antonia Foias and Kitty Emery—The Land of the Windy Water
Lords: Secondary Centers in the Motul de San Jose Polity,
Guatemala
- 2:30 James Fitzsimmons—Territorial Boundaries and the
Northwestern Peten: The View from Jaguar Hill
- 2:45 Mary Jane Acuña—El Tintal in the Late Classic and Territorial
Implications

- 3:00 Thomas Garrison and Brett Houk—Crossing Ancient and Modern Borders: Territoriality in the Three Rivers Region
- 3:15 Julie Hoggarth, Jaime Awe, Richard George, Rafael Guerra and Claire Ebert—Territorial Organization in the Upper Belize River Valley: Multi-Scalar Settlement Patterns at Baking Pot
- 3:30 Andrew Vaughan, Dan Leonard and Jeffrey Glover—A Multiproxy Investigation of Maya Socio-Political Territories: A Case Study from the Yalahau Region, Northern Quintana Roo, Mexico
- 3:45 Jerald Ek—Not That Stable, Not That Durable, But Very Dynamic: Political Geography and Geopolitical Dynamics in the Río Champotón Drainage, Campeche, Mexico
- 4:00 Maxine Oland and Debra Walker—With Turkeys on Spears and Maize on Arrows: Defining and Defending the Province of Chetumal
- 4:15 Alexandre Tokovinine—Holy Lords and Holy Lands: Territory in Classic Maya Inscriptions
- 4:30 Marcello Canuto—Discussant
- 4:45 Marilyn Masson—Discussant

**[245] SYMPOSIUM ■ MOVING FORWARD IN CASAS GRANDES
ARCHAEOLOGY**

Room: Yosemite A

Time: 1:00 PM - 5:00 PM

Chair: Kyle Waller

Participants:

- 1:00 Gordon Rakita and Michele Pierson—Plainware Ceramics from the Surface of the 76 Draw Site, Luna County, New Mexico
- 1:15 John Topi and Philip Leflar—Geometric Morphometric Approaches to Casas Grandes Ceramic Specialization
- 1:30 Emma Britton—Results of Petrographic Analysis of Polychromes Across the Casas Grandes World
- 1:45 Jeremy Loven—Ritual Use of Fauna in the Casas Grandes Region
- 2:00 Elizabeth Peterson—Changing Life Styles: New Lithic Finding from Small Sites in Casas Grandes, Chihuahua Mexico
- 2:15 Elizabeth McCarthy—Bunny Or Bison: A Comparative Study of Faunal Material in the Casas Grandes World
- 2:30 Andrew Krug, Kyle Waller and Christine VanPool—There and Back Again: A Geochemical Analysis of Casas Grandes Shell Procurement and Exchange
- 2:45 Thatcher Rogers—Paquimé and Diablo Phases at Paquimé: An

Friday Afternoon, April 17

- Examination of Architectural Validity of Phase Declarations
- 3:00 Questions and Answers
- 3:15 Caryn Tegtmeyer, Debra Martin and Kyle Waller—Exploring the Effects of Endemic Warfare and Violence on Women and Children at Casas Grandes
- 3:30 Kyle Waller and Gordon Rakita—New Perspectives on Casas Grandes Mortuary Practices:
- 3:45 Anna Osterholtz and Kyle Waller—Comparative Approaches to Casas Grandes Taphonomy and Violence
- 4:00 Fabiola Silva and Jane H. Kelley—The Current State of Looting, Preservation, and Education in the Casas Grandes Region
- 4:15 Todd Pitezal and Michael Searcy—Recent Explorations for Casas Grandes Viejo Period Settlement
- 4:30 Jerimy Cunningham—Power before Paquimé? Hypotheses on Political Economies in Casas Grandes
- 4:45 Todd Van Pool—Discussant

[246] SYMPOSIUM ■ CAMINOS PERDIDOS Y VÍAS OLVIDADAS: TRADE ROUTES AND EXCHANGE NETWORKS IN LATE PRE-HISPANIC CENTRAL AMERICA

Room: Golden Gate 7

Time: 1:00 PM - 5:00 PM

Chairs: Adam Benfer and Larry Steinbrenner

Participants:

- 1:00 Alexander Geurds—Understanding Exchange in Late Pre-Hispanic Central America. Current Thinking on Culture Areas and Ethnicity
- 1:15 Adam Benfer and Róger Mesén—Navigating Pre-Hispanic Central America: Discerning Aquatic Transportation Routes and Technologies
- 1:30 Justin Colón, Jimmy Daniels, Lana Ruck and Clifford T. Brown—Obsidian Exchange Patterns among the Coastal Plains of Northwest Nicaragua
- 1:45 Justin Lowry, Jason Paling and Colin Quinn—Obsidian Trade from the Perspective of Chiquilistagua, Managua, Nicaragua
- 2:00 Larry Steinbrenner—The Mystery of Managua Polychrome Part II
- 2:15 Carol Gonzalez-Velez—West Mexico, the Missing Link with South America
- 2:30 Geoffrey McCafferty—'Out of Mexico' 25 Years Later: A Reconsideration of Migration into Greater Nicoya
- 2:45 Roosmarie Vlaskamp—Ethnic Identities in Central Nicaragua:

- Perspectives from a Habitational Site
- 3:00 Natalia Donner—Asking New Questions to Central Nicaraguan Pottery
- 3:15 Yajaira Núñez-Cortés—Traveling and Trading in Ancient Costa Rica
- 3:30 Roberto Herrera—The Best of All Worlds: Exploring Exchange and Interaction with Nicoyan, Caribbean Costa Rican and Panamanian Societies at the Southern Costa Rican site of El Cholo.
- 3:45 Johnny Bogle—Seeking Isla Palenques's Deeper Meaning
- 4:00 Mikael Haller—The Quest for Gold: An Examination of Socioeconomic Exchange and Autonomy in the Parita River Valley, Panama
- 4:15 Charles Berrey and Scott Palumbo—Interregional Exchange and the Rise of Inequality in the Intermediate Area
- 4:30 John Hoopes—Discussant
- 4:45 Colin McEwan—Discussant

[247] POSTER SESSION ■ ARCHAEOLOGY AND ETHNOHISTORY OF THE INCA

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 247-a Edines Pebe and Camila Capriata—Preserving a Section of the Inca Road in the Lower Lurin Valley, Peru.
- 247-b Beau Murphy—A Spatial Analysis of Surface Artifact Distributions at the Inka Administrative Site of Turi, Northern Chile
- 247-c Adrienne Bryan and Lisl Schoepflin—The Study of an Inca Huaca in a Modern Context
- 247-d Dennis Ogburn—Identifying Possible Inca Census Records in Khipu from Pachacamac
- 247-e Matthew Warren, Sergio Calla and Sonia Alconini—Breaking Down the East-West Dichotomy: Toward an Understanding of Intercultural Interactions in the Saipurú Region under the Inkas
- 247-f Sofia Pacheco-Fores—Examining Ethnohistory: Cranial Modification and Social Status in Pre-Hispanic Inca Peru
- 247-g Virginia Mcrostitie—Pre-Inka and Inka (A.D.1000–1500) Agriculture in the Atacama Puna. Evidences through Microfossils Attached to Lithic Hoes

[248] POSTER SESSION ■ MAYA ARCHAEOLOGY**Room:** Grand Ballroom A**Time:** 2:00 PM - 4:00 PM**Participants:**

- 248-a Matthew Looper, Jonathan Scholnick, Yuriy Polyukhovych, Jessica Munson and Martha Macri—Patterns of Grapheme Innovation in the Classic Maya Script
- 248-b Jessica Munson, Matthew Looper, Yuriy Polyukhovych, Jonathan Scholnick and Martha Macri—Dynastic Traditions and Patterns of Ritual Variation in Classic Maya Writing
- 248-c Lisa Duffy and Timothy Garrett—Investigating Ancient Beverages from Cerro Maya, Belize through Chemical Residue Analysis
- 248-d Leslie Cecil—Postclassic Peten Podophilia
- 248-e Jillian Jordan and Keith Prufer—Late Classic Household Ceramic Production at Uxbenká, Belize
- 248-f Angelina Sweeney, Robyn Dodge, Fred Valdez, Jr. and Lauren Sullivan—Sourcing the Clay: LA-ICP-MS Analysis of Ceramics from the Programme for Belize Archaeological Project, Northwestern Belize
- 248-g David M. Hyde—A Problematic Deposit from a Maya Hinterland Household: Chert, Sherds and Obsidian
- 248-h Kara Fulton—Shared Practices and Identities in the Northern Settlement of Actuncan, Belize
- 248-i Elijah Hermitt and Kirk French—The Palenque Pool Project: Sourcing the Sand from the Main Picota Pool
- 248-j Claire Ebert, Richard George, Julie Hoggarth, Rafael Guerra and Jaime Awe—Late to Terminal Classic Period Obsidian Exchange and Regional Interaction in the Belize Valley
- 248-k Adam Vitale—Putting Xultun on the Map
- 248-l C. L. Kieffer, Kyle Ports, Marisol Cortes-Rincon and Rissa Trachman—Analysis of Faunal Material from Sacred Spaces at Agua Lluvia and Along the Dos Hombres to Gran Cacao Archaeology Project in Northwestern Belize
- 248-m Petra Cunningham-Smith and Elizabeth Graham—Invertebrate Zooarchaeology of Marco Gonzalez, Belize as One Aspect of an Investigation of Trade and Environment

[249] POSTER SESSION ■ ARCHAEOLOGY IN MESOAMERICA**Room:** Grand Ballroom A**Time:** 2:00 PM - 4:00 PM**Participants:**

- 249-a Aaron Ott—Center and Satellites The Relationship of Templo Mayor to Similar ~~temple~~ pyramids in Central Mexico
- 249-b Dennis Lewarch—Artifact Distribution Patterns among Aztec Period Households in the Coatlan del Rio Valley, Morelos, Mexico
- 249-c Juan Sereno-Uribe and Mario Córdova Tello—Archaeological Project Amacuzac, Morelos and Guerrero Mexico.
- 249-d Keitlyn Alcantara, Steven A. Wernke and Lane F. Fargher— A Spatial Analysis of Proposed Egalitarian Site Organization in Postclassic Tlaxcallan
- 249-e Courtney Astrom and Olivia Navarro-Farr—A Study of the Role of Cannibalism in Aztec Culture
- 249-f Laura Heath—Pottery on the Periphery: Postclassic Ceramics from La Laguna, Tlaxcala, Mexico
- 249-g Mariana Navarro, Ricardo Higuélin, Verónica Pérez and Antonio Martínez—The Symbolism of Prehispanic Twins from Nuu Savi, Mixteca Alta, Oaxaca
- 249-h David Walton—Lithic Production and Consumption at Tzintzuntzan, Mexico
- 249-i Mareike Stahlschmidt and David M Carballo—Employing Micromorphology at the Tlajinga District in Teotihuacan to Investigate Site Formation Processes and Household Activities
- 249-j Jeffrey Brzezinski, Arthur Joyce and Sarah Barber—Embedded Rituals: Examining Caching Practices in Public Buildings at Cerro de la Virgen, Oaxaca, Mexico
- 249-k Marc Levine—Ceramic Molds for Mixtec Gold: New Insights into Lost Wax-Casting Traditions of Late Postclassic Oaxaca
- 249-l Patricia Alonzo—Disruption or Continuity?: Iconography on Portable Objects in Classic to Epiclassic Jalisco and Zacatecas
- 249-m Clayton Meredith, Willa Trask and Keith Prufer—Examination of Paleoindian and Archaic subsistence in Southern Belize
- 249-n Anthony Tricarico—Urban Agriculture within the Valley of Oaxaca: Investigations and Implications of Agricultural Terracing at Monte Albán
- 249-o Chelsea Fisher—Water Management and City Founding at Yaxuná, Yucatán
- 249-p Jason Jones and V. Garth Norman—RTI (Reflectance Transformation Imaging) Examination of Weathered Sculpture for Accurate Delineation of Weathered Detail
- [250] POSTER SESSION ■ ARCHAEOLOGY IN SOUTH AMERICA**
Room: Grand Ballroom A
Time: 2:00 PM - 4:00 PM

Participants:

Friday Afternoon, April 17

- 250-a Kimberly Munro—The 2014 Excavations at the Early Horizon Period Ceremonial Complex of Cosma, Ancash, Peru
- 250-b Maria Gutierrez, Gustavo Politis, Daniel Rafuse and Thomas Stafford—New Radiocarbon Dates Confirm Late Pleistocene Human Occupation in the Pampas of Argentina at c. 12,170 14C yrs BP: Evidence from Extinct Horse at the Arroyo Seco 2 site
- 250-c Emily Sharp—Quantifying Defensibility of Landscapes and Sites in Highland Ancash, Peru
- 250-d Ema Perea, Ilana Johnson and Luis Jaime Castillo—Architectural and Functional Characterization of Sector 2 at Cerro Chepén
- 250-e Ana Carito Tavera Medina—The Presence of a Gallinazo Component during the Middle Moche Period In the Lower Jequetepeque Valley
- 250-f Elisabeth Granley, Rebecca Bria and Elizabeth Katherine Cruzado Carranza—A Lithic Analysis of Food Preparation and Resource Distribution in Recuay Ritual Feasting Contexts at Hualcayán (Ancash, Peru)
- 250-g Alejandra Sejas Portillo—Primary and Secondary Chiefdom Emergence: A Comparative View from the Titicaca Basin
- 250-h Louis Fortin and Donna Nash—From Bedrock to Biface: An Examination of Wari Lithic Technology within the Moquegua Valley of Southern Peru
- 250-i Brittany Mistretta—Symbols of Transformative Power: Wari Split Eye Iconography in the Middle Horizon
- 250-j Kathleen Huggins, Matthew Sitek and Paul Goldstein—From Trash Pile to Temple Wall: The Distribution of Formative Period Sherds in Adobes at the Omo M10A Tiwanaku Temple
- 250-k Nicholas Brown—Material Perspectives on Canal Ceremonialism at Chavín de Huántar
- 250-l Tatiana Vlemincq Mendieta—Anura in Moche Iconography
- 250-m Ellen Lofaro, Michael Wylde, Susan deFrance and Paul Goldstein—Research on a Dog Burial from Rio Muerto, Peru
- 250-n Raija Heikkilä, Kaitlyn Laws and Thomas Hardy—Zooarchaeology of the Late Intermediate Period in Minaspata, Cuzco, Peru

[251] POSTER SESSION ■ ARCHAEOLOGY IN PATAGONIA**Room:** Grand Ballroom A**Time:** 2:00 PM - 4:00 PM**Participants:**

- 251-a Juan Belardi, Flavia Carballo Marina, Patricia Madrid, Gustavo

- Barrientos and Patricia Campan—Hunting Blinds from Plateaus and Hills in Southern Patagonia (Santa Cruz, Argentina): Tactics and Beyond
- 251-b Amalia Nuevo Delaunay, Juan Bautista Belardi, Flavia Carballo Marina, Hernán de Angelis and Maria José Saletta—Incorporation of New Raw Materials by Hunter Gatherers in Patagonia since the XVIth Century
- 251-c Flavia Morello Repetto, Fabiana Martin, Mauricio Massone, Marta Alfonso-Durruty and Manuel San Roman—Archaeology of Fuegian Islands: Tierra del Fuego, Dawson and Navarino, Human Settlement and Cultural Interaction (Patagonia, Chile)
- 251-d Manuel San Roman, Jimena Torres and Flavia Morello—Offing 2 Locus 2 Archaeological Site (Dawson Island, Patagonia, Chile), Marine Hunter-Gatherers and Interaction during the Late Holocene

[252] POSTER SESSION ■ CERAMIC ANALYSIS IN SOUTH AMERICA

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 252-a Hannah McAllister, Rebecca Bria and Elizabeth Katherine Cruzado Carranza—Reconstructing a Recuay Feasting Event at Hualcayán, Peru through Ceramic Analysis
- 252-b Erick Casanova Vasquez, Rebecca E. Bria and Elizabeth K. Cruzado C.—A Study of Domestic Ceramics from Hualcayán, Ancash, Peru
- 252-c Andrew Roddick—Chijipata Alta: Tracing A Genealogy of Potting Practice in the Lake Titicaca Basin
- 252-d Nuria Sugrañes and Fernando Franchetti—Distributional Studies in North Patagonia, Argentina. An Archaeological Ceramic Approach
- 252-e Ester Echenique—Technological Styles and Production Practices in the Río Grande de San Juan Basin (Argentinean-Bolivian Border) during the Late Intermediate Period
- 252-f Joseph Cronin and Rebecca E. Bria—Not Incised, but Well-Burnished: A Typology of Undecorated Early Horizon Feasting Wares from Hualcayán, Highland Ancash, Peru

[253] POSTER SESSION ■ COMPARATIVE APPROACHES TO POSTCLASSIC MESOAMERICAN CERAMICS

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Chairs: Angela Huster and Anna Cohen

Participants:

- 253-a Anna Cohen and Elsa Jadot—Toward a Comparative Approach: Postclassic (AD 900–1521) Ceramics from the Pátzcuaro and Zacapu Basins, Michoacán, Mexico
- 253-b Angela Huster—Patterns of Postclassic Ceramic Exchange in the Toluca Valley and Surrounding Areas of Central Mexico
- 253-c Kea Warren—3,065 Sherd Disks and Their Potential Uses in Calixtlahuaca in the Toluca Valley
- 253-d Kirby Farah—Examining Elite Domestic Practices in Postclassic Xaltocan, Mexico
- 253-e Lisa Overholtzer—Consuming in Empire: The Materiality of Household Consumption at Postclassic and Colonial Xaltocan, Mexico
- 253-f Jamie Forde—Material Culture Change, Continuity, and Innovation at Postclassic and Early Colonial Achiutla, Oaxaca, Mexico

[254] SYMPOSIUM ■ INTENTIONAL DESTRUCTION OF CULTURAL HERITAGE: EVIDENCE AND RESPONSES IN SYRIA AND IRAQ

Room: Yosemite B

Time: 2:15 PM - 5:00 PM

Chairs: Brian Daniels and Katharyn Hanson

Participants:

- 2:15 Brian Daniels—Community Archaeology and Emergency Responses to Heritage in Crisis
- 2:30 Susan Wolfenbarger, Eric Ashcroft, Jonathan Drake and Katharyn Hanson—High-Resolution Satellite Imagery for Comprehensive Monitoring of Cultural Heritage in Conflict: Syria and Iraq Methodology
- 2:45 Katharyn Hanson—Intentional Destruction of Cultural Heritage: Evidence in Syria and Iraq
- 3:00 Amr Al-Azm—The Syrian Heritage Task Force and the Importance of Preserving Syria's Cultural Heritage
- 3:15 Salam Al Kuntar—Emergency Care Training Workshops for Syrian Museum Collections
- 3:30 Zaid Alrawi—New Observations of Looting at Archaeological Sites in Southern Mesopotamia
- 3:45 Brian Michael Lione and Jessica Johnson—Coursework in Disaster Preparedness and Emergency Response in Iraq: Meeting Immediate Training Needs at the Iraqi Institute

- 4:00 Richard Leventhal and Brian Daniels—Museums and the Destruction of Heritage
4:15 Corine Wegener—Smithsonian's Role in Cultural Heritage Disasters
4:30 Patty Gerstenblith—Legal Responses to the Intentional Destruction and Looting of Cultural Sites: The Paradigm of Syria
4:45 Questions and Answers

[255] FORUM ■ FEAR (FEAR AND ITS EXPRESSIONS IN THE ARCHAEOLOGICAL RECORD)

Room: Union Square 2

Time: 3:00 PM - 5:00 PM

Moderators: Kevin Smith and Christopher Wolff

Participants:

- Ofer Bar-Yosef—Discussant
Keith Eppich—Discussant
James Flexner—Discussant
Dorothy Lippert—Discussant
Michelle Rich—Discussant
Jess Robinson—Discussant
Michele Smith—Discussant
Cameron Wesson—Discussant

[256] SYMPOSIUM ■ LOW IMPACT, HIGH RESOLUTION: ONGOING INVESTIGATIONS IN EAGLE NEST CANYON

Room: Golden Gate 6

Time: 3:00 PM - 5:00 PM

Chair: Stephen Black

Participants:

- 3:00 Stephen Black—An Extraordinary Earth Oven Facility at Kelley Cave
3:15 Charles Koenig—Floods, Muds, and Plant Baking: ASWT Excavations at Skiles Shelter
3:30 Ken Lawrence, Charles Frederick, Jacob Sullivan and Christina Nielsen—Ongoing Geoarchaeological Investigations in Eagle Nest Canyon
3:45 Kevin Hanselka, Leslie Bush and Phil Dering—The Archaeobotany of Kelley Cave (41VV164): A Glimpse of Prehistoric Plant Use in the Lower Pecos Region of Texas
4:00 Charles Frederick, Mark Willis, Ken Lawrence, George R. Hermann and Jacob Sullivan—Flooding Past and Present:

- Extreme Geomorphic Events in the Lower Pecos Canyonlands
 4:15 Christina Nielsen—A Microstratigraphic Approach to Evaluating
 Site Formation Processes at Eagle Cave
 4:30 Eva Panagiotakopulu—'Bugs in Eagle Cave, Lower Pecos
 Canyonlands, Texas'
 4:45 Questions and Answers

**[257] SYMPOSIUM ■ THE LEGACY OF THE RÍO SONORA PROJECT AND
 OTHER EARLY RESEARCH IN SONORA, MEXICO**

Room: Golden Gate 5

Time: 3:00 PM - 5:00 PM

Chairs: Matthew Pailes and Cristina García-Moreno

Participants:

- 3:00 William Doolittle—In the Spirit of Sauer and Brand: Geographic
 Reflections on the RSV Project
 3:15 Daniel Reff—Warfare, Invasion, and Ethnogenesis during the
 Protohistoric Period in Sonora
 3:30 Adriana Hinojo-Hinojo, Alejandra M. Gómez-Valencia, Blanca E.
 Contreras-Barragán and Jesús R. Vidal-Solano—Research and
 Curatorial Work on the Archeological Collections Recovered in
 Sonora by Dr. Richard A. Pailes
 3:45 Patricia Hernandez Espinoza, Adriana Hinojo and Blanca
 Eréndira Contreras Barragán—La Cueva de la Colmena:
 Bioarchaeological Analysis of a Funerary Context from the
 Sonora-Sinaloa Project / R.A. Pailes 1967
 4:00 Matthew Pailes—Pochtecas and Pilgrims: Models for Elite and
 Commoner Exchange in the Río Sonora
 4:15 John Carpenter—The Proyecto Arqueológico Río Sahuaripa:
 Interaction, Integration and Cultural Dynamics in the Sonoran
 Serranía
 4:30 Cristina García-Moreno—Batacosa, a Río Sonora or Serrana
 site?
 4:45 Randall McGuire—Discussant

**[258] SYMPOSIUM ■ UNDOING AND REDOING ARCHAEOLOGICAL
 PRACTICE: ARCHAEOLOGY AS TECHNIQUE ACROSS PREHISTORY,
 HISTORY, AND THE CONTEMPORARY**

Room: Continental Parlor 2

Time: 3:15 PM - 5:00 PM

Chairs: Hannah Chazin and Haeden Stewart

Participants:

- 3:15 Hannah Chazin—Crossing the Line (Part I): Making Taphonomy Work for Social Practices in Prehistory
- 3:30 Haeden Stewart—Crossing the Line (Part II): Taphonomies of Toxicity in Contemporary Archaeology
- 3:45 Amanda Logan—Excavating Slow Violence Across the Modern/Premodern Divide
- 4:00 John Chenoweth—Power and Nature: A Contemporary Archaeology of Yosemite National Park
- 4:15 Kathryn Franklin—Prosthetic Angels: Empirical Anxiety and Rationalizing Vision in Archaeology
- 4:30 Anthony Graesch and Timothy Hartshorn—Identity Performance and Material Culture: Exploring the Limits of Archaeological Inquiry into Social Group Identity with a Massive Assemblage of Bar-Associated Trash from Urban America
- 4:45 Jason De Leon—Discussant

[259] SYMPOSIUM ■ INTERREGIONAL INTERACTION AND DYNAMIC CULTURAL PROCESS IN MESOAMERICA

Room: Golden Gate 8

Time: 3:15 PM - 5:00 PM

Chairs: Bryan Schaeffer and Joshua Englehardt

Participants:

- 3:15 John Justeson—Language Contact and Intergroup Interaction in Pre-Columbian Mesoamerica
- 3:30 Joshua Englehardt and Michael Carrasco—Formative Period Interregional Interaction and the Emergence of Mesoamerican Scripts
- 3:45 Bryan Schaeffer—Interaction as Movement, Movement as Interaction: The Tripod Vessel in the Maya Region
- 4:00 J. Gregory Smith and Charles L.F. Knight—Variation and Similarity in Obsidian Tool Styles and Technologies at the Zaragoza-Oyameles Source Area, Puebla, Mexico
- 4:15 Blanca Maldonado and Niklas Schulze—Metal Trade and Interregional Dynamics of the Mesoamerican Late Postclassic Period
- 4:30 Timothy Knab and John Pohl—Round and Round We Go: Cholula, Rotating Power Structures and Social Stability in Mesoamerica
- 4:45 David Small—Discussant

[260] GENERAL SESSION ■ MODELING LANDSCAPE USE AND CULTURAL DEVELOPMENT

Room: Franciscan AB

Time: 3:15 PM - 5:00 PM

Chair: Lucy Harrington

Participants:

- 3:15 Tristan Carter, Daniel Contreras, Danica Mihailovic, Theodora Moutsiou and Sean Doyle—Neanderthals on Naxos? New Work at the Early Prehistoric Chert Source of Stérida
- 3:30 Sara Cullen—"Where the Mountains Meet the Plains": Plains-Pueblo Connections on the Park and Chaquagua Plateaus during the Diversification Period, AD 1050–1450
- 3:45 Matthew Radermacher, Stephanie Day, Anne Denton, Jeffrey Clark and Donald Schwert—Pattern Recognition and Automatic Feature Extraction in GIS
- 4:00 Keri Fox and David Huges—Where the Buffalo Roam and the Antelope Play: A Comparison of Soils in the Walnut River Valley of South-Central Kansas and Associated Woodland and Late Prehistoric Period Settlements Using ArcGIS
- 4:15 Carol Schultze—Macro-Regional Cultural Development of the Interior Columbia Plateau
- 4:30 Erin Hughes and Lindsay Johansson—Gunnerson Revisited: A Reconsideration of Plains Promontory Relationships
- 4:45 Lucy Harrington and Natalie Clark—Predicting Archaeological Site Locations in the McInnis Canyons National Conservation Area in Colorado

[261] GENERAL SESSION ■ PUBLIC OUTREACH AND EDUCATION

Room: Golden Gate 2

Time: 3:30 PM - 5:00 PM

Chair: Anabella Coronado

Participants:

- 3:30 William Lees, Della Scott-Ireton and Sarah Miller—Lessons Learned Along the Way: The Florida Public Archaeology Network after 10 years
- 3:45 Sarah Nohe and Michael Thomin —Slippery Oysters & a Cold Beer: Incorporating Food into Archaeology Education
- 4:00 Elizabeth Lynch—#arrowheads: Instagram as a Creative, Social Media-Based Approach to Public Archaeology
- 4:15 Anne Griffith—Archaeology Field School at a Community College: An Outreach Opportunity
- 4:30 Dante Angelo—Not All Archaeology for the Public is Public Archaeology
- 4:45 Anabella Coronado and Adriana Linares—Arqueología Comunitaria en la Región Ixil de Guatemala

[262] SYMPOSIUM ■ RECENT ARCHAEOLOGICAL RESEARCH IN THE UPPER GILA**Room:** Golden Gate 3**Time:** 3:45 PM - 5:00 PM**Chairs:** Lori Barkwill Love and Robert Hard**Participants:**

- 3:45 John Roney, Robert J. Hard, A.C. MacWilliams and Mary E. Whisenhunt—Recent Test Excavations at an Early Agricultural Period Cerro de Trincheras Site on the Upper Gila River, Arizona
- 4:00 Lori Barkwill Love—Early Pithouse Period Ceramics in the Upper Gila: A Look from Winn Canyon
- 4:15 Jakob Sedig—Reevaluating Mimbres Late Pithouse to Classic Period Transformations of the Upper Gila
- 4:30 Katherine Dungan—Venturing into the Borderland: Revisiting the 13th-Century Occupation of the Upper Gila
- 4:45 William Doelle, Karen Schollmeyer and Jeffery Clark—Salado in the Upper Gila

[263] GENERAL SESSION ■ STUDIES OF MAYA SETTLEMENTS AND PUBLIC ARCHITECTURE**Room:** Union Square 1**Time:** 3:45 PM - 5:00 PM**Chair:** Amy Thompson**Participants:**

- 3:45 Joanne Baron, Liliana Padilla and Christopher Martinez—La Florida/Namaan: a Classic Maya River Port
- 4:00 Tomás Gallareta Cervera, George J. Bey III and Rossana May Ciau—Dissecting the Heart of a Puuc Royal Court: A Diachronic Analysis of Structure N1065E1025 and Associated Deposits at Kiuic, Yucatán
- 4:15 Krystle Kelley—Establishing the Acropolis: Two Seasons of Excavation at Chan Chich
- 4:30 Amy Thompson—A Comparative Analysis of Settlement, Environment, and the Social Landscape at the Ancient Maya Centers of Uxbenká and Ix Kuku'il, Toledo District, Belize
- 4:45 Ryan Collins—At Yaxuna X Marks the Spot: Centering across in a Middle Formative Maya Landscape

[264] GENERAL SESSION ■ MOLECULAR ANALYSIS IN BIOARCHAEOLOGY**Room:** Golden Gate 4

Time: 3:45 PM - 5:00 PM

Chair: Meradeth Snow

Participants:

- 3:45 Leslie Brown—Isotopic examination of human remains associated with the Korell-Bordeaux site (48GO54), Goshen County, Wyoming: $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ from Bone and Enamel Apatite
- 4:00 Abigail Bouwman, Giada Ferrari and Frank Rühli—How to Use DNA Analysis to Assess Health in the Past. Applications for New World Soft-Tissues
- 4:15 Qiaomei Fu—The Complete Genome Sequence of a 45,000-Year-Old Modern Human from Eurasia
- 4:30 Meradeth Snow, Kathleen Hauther and Ashley McKeown—Ancient DNA and Cranial Morphometric Analysis into Ancestry of Five Burials from Colonial Delaware
- 4:45 Sloan Williams, Lindsey Proctor, Chapurukha Kusimba, Janet Monge and Alan Morris—Decoding the Swahili: Ancient DNA Studies on the Kenyan Coast

[265] GENERAL SESSION ■ HISTORIC CEMETERIES IN THE UNITED STATES

Room: Continental Ballroom Parlor 9

Time: 4:00 PM - 5:00 PM

Chair: Jillian Okray

Participants:

- 4:00 Jacquelyn Bluma—A Closer Look at Immigrant Life Expectancies from German Cemeteries in Southeastern Wisconsin
- 4:15 Jillian Okray, Ashley Christianson and Susan Spencer—Don't Forget Me When I'm Gone: Examining Relationships between the Living and the Dead through Decorated Headstones
- 4:30 Amanda Murphy—Publishing the Perished: Uniform Collection Standards and the Future of Cemetery Excavations in the United States
- 4:45 Rolando Silva—Remote Sensing as a Method of Promoting Group Identity: Rediscovering Edinburg's African-American Cemetery

[266] GENERAL SESSION ■ SACRED LANDSCAPES AND RITUAL SPACES AMONG THE ANCIENT MAYA

Room: Union Square 25

Time: 4:00 PM - 5:00 PM

Chair: Melissa Burham

Participants:

- 4:00 Kirk French—In and Out: Initial Investigations from the Palenque Pool Project
- 4:15 Caitlin Earley—Art and the Ancestors: Sculpture from the Cave Complex at Quen Santo, Guatemala
- 4:30 Kyle Ports, C.L. Kieffer, Marisol Cortes-Rincon and Rissa Trachman—Small Sacred Spaces: The Results of Investigations into Subterranean Features at N950 and Grupo Agua Lluvia in northwest Belize
- 4:45 Melissa Burham—Out with The Old and In with The New: The Termination and Reoccupation of Outlying Temples at Ceibal, Guatemala

[267] GENERAL SESSION ■ THE LOOTING OF ARCHAEOLOGICAL SITES

Room: Union Square 13

Time: 4:15 PM - 5:00 PM

Chair: L. Meghan Dennis

Participants:

- 4:15 L. Meghan Dennis—Representations of Looting and Bad Practices as Entertainment
- 4:30 Jennifer Lavris Makovics—A Perfect Pothunting Day—An Examination of Vandalism to the Cultural Resources of Canyon de Chelly National Monument
- 4:45 Katharine Fernstrom—The Object is the Thing: Developing a Framework for Understanding the Culture of Looting

Saturday Morning ■ April 18, 2015

[268] GENERAL SESSION ■ STUDIES IN ARCHAEOBOTANY AND PALEOETHNOBOTANY

Room: Golden Gate 6

Time: 8:00 AM - 9:30 AM

Chair: Pierre Morenon

Participants:

- 8:00 Pierre Morenon—Think Small: What Charcoal Fragments and Tiny Sites Teach Us about Indigenous Land Modifications and Farming Around Narragansett Bay, Rhode Island
- 8:15 Marie-Annick Prevost—Late Archaic Plant Remains from the Québec City Area (Canada)
- 8:30 Michael Deal—Site Formation and Paleoenvironmental Reconstruction at a Terminal Archaic/Woodland Period Site in Central Nova Scotia, Canada.
- 8:45 Jessica Herlich—Algonquian Coastal Gardens and Landscape: Interpretations from Archaeobotany
- 9:00 GeorgeAnn DeAntoni, Peter Nelson and Rob Cuthrell—Charcoal Identification as Means of Central California Landscape Reconstruction
- 9:15 Kathleen Forste and Mac Marston—Paleoethnobotanical Investigations of the Economy of Islamic Ashkelon

[269] SYMPOSIUM ■ QUEERING THE FIELD: ARCHAEOLOGIES OF SEXUALITY, GENDER, AND BEYOND

(Sponsored by Queer Archaeology Interest Group)

Room: Golden Gate 7

Time: 8:00 AM - 9:45 AM

Chairs: Chelsea Blackmore and Megan Springate

Participants:

- 8:00 Jo Burkholder—Teaching on the Down-Low: Presenting Queer Theory to a Broad Audience
- 8:15 Casey Campetti—Out in the Field? Queer Archaeologists, Queer Archaeology, and CRM
- 8:30 Dawn Rutecki—Ambiguous Iconography: Queering the Shell Game
- 8:45 Chelsea Blackmore—Queer and Complex: Everyday Life and Politics in Mesoamerican Prehistory
- 9:00 Joel Lennen and Jamie Arjona—Queering Historical Worlds: Disorienting Materialities in Archaeology
- 9:15 Megan Springate—Criterion Q: Archaeology, Context, and the

- 9:30 National Park Service's LGBTQ Heritage Initiative
Barbara Voss—Discussant

[270] FORUM ■ THE ENGAGED CLASSROOM, CONTINUED: SELECTING TEACHING MATERIALS FOR ARCHAEOLOGY COURSES

(Sponsored by Public Education Committee)

Room: Union Square 2

Time: 8:00 AM - 10:00 AM

Moderators: Heidi Bauer-Clapp and Katie Kirakosian

Participants:

Katie Kirakosian—Discussant

Nan Gonlin—Discussant

Christine Dixon—Discussant

Larkin Hood—Discussant

Heidi Bauer-Clapp—Discussant

[271] FORUM ■ ISSUES AND DIRECTIONS IN STARCH GRAIN RESEARCH

Room: Union Square 25

Time: 8:00 AM - 10:00 AM

Moderator: Thomas Hart

Participants:

Sonia Zarrillo—Discussant

Sheahan Bestel—Discussant

Li Liu—Discussant

Ruth Dickau—Discussant

Judith Field—Discussant

Neil Duncan—Discussant

[272] POSTER SESSION ■ THE ARCHAEOLOGY OF SUBSISTENCE STRATEGIES IN THE SOUTHWESTERN UNITED STATES

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

272-a Mark Brodbeck and Deil Lundin—Pueblo I/Pueblo II Subsistence Strategy in Kletthla Valley: A View from a Resource Processing/Storage Site along Begashibito Wash

272-b Casey Riggs and Suzanne Eckert—Plants in a Day: A Cost Distance Analysis of Single Day Distance to Floral Resources of the Ancestral Puebloans at Goat Springs Pueblo (LA 285)

272-c Cynthia Fadem—Farming the Great Sage Plain: Mesa Verde

- Loess, Soils, and Agriculture
- 272-d Andrew Brown, Lisa Nagaoka, Feifei Pan and Steve Wolverton—Modeling Soil Moisture of Farmland near Mesa Verde Villages at Goodman Point, Southwestern Colorado
- 272-e Patricia Byers—Using the Anasazi Origins Project Faunal Remains to Determine Archaic Subsistence Patterns

[273] POSTER SESSION ■ PREHISTORIC ARCHAEOLOGY IN THE SOUTHWESTERN UNITED STATES

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 273-a Sunnie Sartin, Winona Patterson, Kristen Corl, Todd Scarbrough and Angel Pena—Twin Pines: Looking Beyond Mimbres Valley
- 273-b Evan Giomi—Hard Choices Along the Rio Grande: Piro Trade Networks and Decision-Making during the 1680 Pueblo Revolt
- 273-c Christopher Schwartz, Hannah Zanutto, Ben Nelson and David Abbott—Intersite Difference in Distant Interactions, Hohokam Canal System 2, Phoenix Basin, Arizona
- 273-d Adam Watson, Samantha Fladd, Katelyn Bishop, Megan Conger and Sara Morrow—In the Footsteps of Frank H.H. Roberts: Continued Explorations at Roberts Great House, Chaco Canyon, New Mexico
- 273-e Rachael Byrd and Alice Garcia—Illuminating Identity with Mortuary Features at Slade Ruin (AZ Q:15:1 [ASM]), a Pueblo III Site in East-Central Arizona
- 273-f Todd Scarbrough, Kristin Corl, Dylan Clark and Sunnie Sartin—Burning as Ritual in the Jornada Mogollon
- 273-g Erin Baxter—Aztec Ruins, 2.0
- 273-h Rebecca Harkness—Social Diversity and Public Interaction Space in Classic and Postclassic Mimbres
- 273-i Meaghan Kincaid, Ryan Harrod and Aaron Woods—Cut Marks and Fragments: Piecing Together Possible Explanations for Variation of Processed Human Remains amongst Neighboring Villages in Pre-Contact Southwest
- 273-j Andrew Fernandez, Lauren Klein, Donald Millar and Alexia De Loera—Mugs of the Mesa and Old Chocolate: Evidence of Prehistoric Cacao Use in the Mesa Verde Region of the North American Southwest
- 273-k Christopher Turnbow—Projectile Point Temporal Trends during the Mimbres Georgetown Phase

- 273-l Anna Schneider—A Preliminary Analysis of Chipped and Ground Stone Artifacts from Garden Canyon Village
- 273-m Sharlot Hart—When Do You Stop and Why? Site Boundary Definitions at University Indian Ruin, Pima County, Arizona
- 273-n Sarah Herr and A.E. Rogge—Pithouses and Placemaking on the Southern Colorado Plateau
- 273-o David Lewandowski—Shifting North: Social Network Analysis and the Pithouse-to-Pueblo Transition in the Mogollon Highlands
- 273-p Lauren OBrien and Jennie O. Sturm—Exploring Pithouses: Using GPR to Identify and Map Taos, NM Sites

[274] POSTER SESSION ■ CERAMIC ANALYSIS FROM SITES IN THE SOUTHWESTERN UNITED STATES

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Participants:

- 274-a Ashton Satterlee and Andrew Duff—Further Analysis on Vessel Size and Feasting in Three Chacoan Great House Communities
- 274-b Elizabeth Newcomb—Relations in the Zuni Region: A Comparative Study of Ceramics
- 274-c Matthew Taliaferro, Bernard Schriever, Jeff Speakman and Elizabeth Toney—Exploring Technological Organization through Time: Mimbres Pottery Production
- 274-d Michael Pool—A Chronological and Functional Analysis of Pottery from the HO-Bar Site: A Mogollon Early Pithouse Period Site in West-Central New Mexico
- 274-e Shannon Horton and Karen Harry—Utilizing Corrugated Wares to Explore Regional Variations in the Virgin Branch Puebloan Culture
- 274-f Lydia Pittman—A Study of Miniature Pottery Vessels in the Mimbres Region
- 274-g James Allison and Jeffrey Ferguson—Neutron Activation Analysis of San Juan Red Ware Pottery
- 274-h Victoria Sluka, Chase M. Anderson, Donna M. Glowacki and Edward J. Stech—Reducing Human Error and Identifying Unknowns: X-Ray Fluorescence as a Tool for Identifying Paint Composition of Mesa Black-on-White Pottery
- 274-i Hunter Burgess and Judith Habicht-Mauche—Connecting Tijeras Pueblo: Identifying Utility Ware Communities of Practice

[275] POSTER SESSION ■ PREHISTORIC ARCHAEOLOGY IN THE SOUTHEASTERN UNITED STATES**Room:** Grand Ballroom A**Time:** 8:00 AM - 10:00 AM**Participants:**

- 275-a Clare Conner—The Hoecake Site: Marking the Woodland-Mississippian Transition in Southeast Missouri
- 275-b Katherine Wilson—Examining the Ceramic Assemblage from Washington Mounds: An Early to Middle Caddo Site in Southwestern Arkansas
- 275-c Keith Stephenson and Karen Smith—A Chronology of Complicated Stamping in the Lower Savannah River Valley
- 275-d Christina Sampson—Lines and Legacies: Ceramic Assemblages from the Weeden Island Site (8PI1)
- 275-e Eric Jones, Pierce Wright and Peter Ellis—Examining the Non-Mississippian Southeast: A Comparison of the Intrasite Arrangement of Piedmont Village Tradition Settlements, AD 1200–1600
- 275-f Charlotte Pevny, William Barse and R. Christopher Goodwin—Late Pleistocene–Early Holocene Stratigraphic “Marker Horizons” in North Florida
- 275-g Thaddeus Bissett and Martin Walker—Examining the Influence of Middle and Late Holocene Shorelines and Tidal Zones on Shell Ring Locations along the Lower Southeastern Coasts
- 275-h Corey Frasca, Michael Carlson, Carlton Gover and Cliff Boyd—A Comparison of Lithic and Ceramic Artifacts from Two Adjacent Late Woodland Villages
- 275-i Karla Oesch—A Stylistic Analysis of Protohistoric Polychrome Ceramics from the Lower Mississippi Valley

[276] POSTER SESSION ■ STONES, BONES, AND CACAO IN THE PREHISTORIC SOUTHWESTERN UNITED STATES**Room:** Grand Ballroom A**Time:** 8:00 AM - 10:00 AM**Participants:**

- 276-a Patricia Crown—Possible Images of Theobroma Cacao in the Prehispanic American Southwest
- 276-b Ralph Burrillo, Michael Lewis and Joan Coltrain—Oxygen Isotope Variability in Water Sources on the Colorado Plateau: Preliminaries to Stable Isotope Models of Prehistoric Irrigation
- 276-c Barbara Roth, Aaron Woods and Forrest Jarvi—Lithic Technology and Households at the Harris Site, Southwestern

- New Mexico
- 276-d Joseph Beaver and Rebecca Dean—Macroscale Analysis of Faunal Remains in the Hohokam Area of Southern Arizona: Preliminary Results
- 276-e Melissa Eiring, Sarah Wigley, Cynthia Munoz and Raymond Mauldin—10,000 Years of Stone Tool Use by Hunter-Gatherers in Central Texas
- 276-f Alison Livesay—Inscribed Places: Examining Rock Art Sites on the Pajarito Plateau
- 276-g David Holtkamp, Sandi Copeland, Alan Madsen, LeAnn Purtzer and Jennifer Payne—Ancestral Pueblo Site Distribution Data from Los Alamos National Laboratory on the Pajarito Plateau

[277] POSTER SESSION ■ PUEBLOS AT THE PASSAGEWAY: A REASSESSMENT OF BURIAL COLLECTIONS FROM NUVAKWEWTAQA, CHAVEZ PASS, ARIZONA

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Chairs: Christopher Caseldine and Arleyn Simon

Participants:

- 277-a Christopher Caseldine—Plain and Interesting: An Evaluation and Redefining of Non-Decorated Pottery from Nuvakwewtaqa, Chavez Pass, Central Arizona
- 277-b Donna Ruiz Y Costello and Sarah Striker—Color and Technology: A Legacy of Painted Burial Objects at Nuvakwewtaqa (Chavez Pass, Northern Arizona)
- 277-c Peter Pilles and Kimberly Spurr—The Sinagua and the Western Pueblo Tradition: Perspectives from Material Culture and Burial Practices
- 277-d Kimberly Spurr and Peter J. Pilles—The Sinagua and the Western Pueblo Tradition: Perspectives from Bioarchaeology
- 277-e Nathan Wilson—Data Recording Strategies for Nuvakwewtaqa Repatriation
- 277-f Arleyn Simon and Darsita North—Past, Present, and Future of Archaeological Legacies: Reassessing the Chavez Pass Burial Collections for NAGPRA Repatriation

[278] POSTER SESSION ■ NEW PERSPECTIVES ON SALADO

Room: Grand Ballroom A

Time: 8:00 AM - 10:00 AM

Chairs: Karen Schollmeyer and Jeffery Clark

Participants:

- 278-a Jeffery Clark and William Doelle—Twenty Years of Studying the Salado
- 278-b Alexandra Covert and Leslie Aragon—True Facts About the Dinwiddie Site: Surprising Results from Limited Testing in a Disturbed Site
- 278-c Aaron Trumbo and Allen Denoyer—Experimental Archaeology: Insights from the Construction of an Adobe Room
- 278-d Maxwell Forton—Ground Stone as a Migration Marker: Using Finger-Grooved Manos and Fully Grooved Axe-Heads to Trace Kayenta Influence at Salado Sites
- 278-e Riley Duke and Stacy Ryan—Black and White and Shades of Gray: Projectile Points and Bifaces from the Dinwiddie Site, Southwestern New Mexico
- 278-f Stacy Ryan—Technology and Typology in the Upper Gila: Flaked Stone from the 3-Up and Fornholt Sites, Mule Creek, New Mexico
- 278-g Hannah Zanotto, Will Russell and Jeffery Ferguson—Reading between the Lines: Salado Polychrome and (In)organic Paint Variability
- 278-h Patrick Lyons and Deborah Huntley—Temporal and Spatial Variability in Roosevelt Red Ware Painted Decoration
- 278-i Anna Neuzil—Renegotiating Identity in a Cultural Crossroads: Salado in the Safford Basin
- 278-j Andy Laurenzi, Matthew Peeples and William Doelle—The Salado Preservation Initiative: Combining Research Investigations with Regional Preservation Planning
- 278-k David Jacobs, Arleyn Simon, Owen Lindauer and Glen Rice—A Local Expression of "Salado" in Tonto Basin

[279] SYMPOSIUM ■ INVESTIGATING THE TRAFFICKING OF CULTURAL OBJECTS: NOVEL AND INTERDISCIPLINARY APPROACHES

Room: Golden Gate 4

Time: 8:00 AM - 10:15 AM

Chair: Donna Yates

Participants:

- 8:00 Simon Mackenzie—Antiquities, Drugs, Guns, Diamonds, Wildlife: Toward a Theory of Transnational Criminal Markets in Illicit Goods
- 8:15 Jason Felch—The Kapoor Case: International collaboration on antiquities provenance research
- 8:30 Alvaro Higuera—Alternative Strategies in Confronting Looting

- and Trafficking in Defense of Peruvian Portable Heritage
- 8:45 Derek Fincham—The Ka Nefer Nefer and Federal Intervention in the Illicit Antiquities Trade
- 9:00 Sarah Parcak—Geospatial Strategies for Mapping Large Scale Archaeological Site Destruction: The Case from Egypt
- 9:15 Duncan Chappell and Damien Huffer—Bones of Contention: Further Investigation into the Online Trade in Archaeological and Ethnographic Human Remains
- 9:30 Donna Yates—The Ruin of the Maya Heartland: Successes, Failures, and Consequences of Four Decades of Antiquities Trafficking Regulation
- 9:45 Neil Brodie—Syria: Cultural Property Protection Policy Failure?
- 10:00 Morag Kersel—Discussant

[280] SYMPOSIUM ■ GREAT LAKES ARCHAEOLOGY: CURRENT RESEARCH AND PERSPECTIVES

Room: Yosemite A

Time: 8:00 AM - 10:30 AM

Chair: Fernanda Neubauer

Participants:

- 8:00 Elizabeth Sonnenburg, John O'Shea and Ashley Lemke—Where the Hunters Hunted: Paleoenvironmental Reconstruction of the Submerged Archaeological Landscapes of the Alpena-Amberley Ridge, Lake Huron
- 8:15 Kathryn Egan-Bruhy and Mark Bruhy—Prehistoric Subsistence Adaptation in the Upper Great Lakes: A Perspective from Butternut-Franklin Lakes
- 8:30 Fernanda Neubauer—Lithic Technological Organization on Grand Island, Michigan, during the Late Archaic Period
- 8:45 Mark Hill and Kevin Nolan—Portable X-Ray Fluorescence Analysis of Copper Trace Element Composition: A Methodological Pilot Study
- 9:00 Susan Kooiman—Pottery Function, Cooking, and Subsistence in the Upper Great Lakes: A View from the Middle Woodland Winter Site in Northern Michigan
- 9:15 Sean Dunham—Hunter-Gatherer Mobility Strategies: A Late Woodland Example from the Upper Peninsula of Michigan
- 9:30 Michael Hambacher, James Robertson and Randall Schaetzl—Late Prehistoric Food Choices in the Upper Great Lakes Region: Evidence from 20OT283 and 20OT3 in the Lower Grand River Valley of Michigan
- 9:45 Scott Demel, Marla Buckmaster, Terrance Martin, James

- Paquette and Kathryn Parker—A Proto-Historic Site in the Western Great Lakes
- 10:00 Michael Shott—Pros and Cons of Consulting Collectors: A Case Study from the River Raisin in Michigan
- 10:15 James Skibo—Discussant

[281] SYMPOSIUM ■ NEW RESEARCH ON THE ARCHAIC PERIOD IN THE NORTHEAST: THE PAST 20 YEARS

Room: Yosemite C

Time: 8:00 AM - 10:30 AM

Chairs: Dianna Doucette and Brian Jones

Participants:

- 8:00 Dawn Beamer and Joseph N. Waller, Jr.—Coastal Dynamics and Site Formation: A Look at the Archaeological Deposits of Coastal RI after Hurricane Sandy
- 8:15 Christopher Donta—Small Stemmed in the Northeast: Technology and Cultural Continuity in the Late Archaic
- 8:30 Brian Jones and Brianna Rae—A Snook Kill Phase Site in Marshfield, Massachusetts
- 8:45 Ora Elquist—Archaic Estuarine Resource Use in the Lower Hudson Valley: New Information from the Old Place Neck Site, Staten Island, New York
- 9:00 Jennifer Ort and Dianna L. Doucette—Undiscovered Country: Preliminary Results of Eleven New Sites Identified in the Susquehanna River Valley, Eastern Connecticut, USA
- 9:15 Dianna Doucette, Elizabeth Chilton, Katie Kirakosian, Deena Duranleau and David Foster—Evaluating Archaic Period Settlement and Subsistence Patterns in Relation to Ecosystem Dynamics in New England
- 9:30 Kristen Jeremiah—Lithic Variation and Tool Technology at the East Pasture Site, Martha's Vineyard, Massachusetts
- 9:45 John Cross—Lives as Lived in the Archaic: A Human Agency Perspective
- 10:00 Erin Flynn and Dianna Doucette—Community Connections from Archaic to Present in Southeastern Massachusetts: Insights from Halls Swamp and Beyond
- 10:15 Robert Goodby—Herring, Rattlesnakes and More: Recent Research on the Late Archaic in Southwestern New Hampshire

[282] SYMPOSIUM ■ A NEW DEAL FOR WESTERN ARCHAEOLOGY
(Sponsored by History of Archaeology Interest Group)

Room: Union Square 21

Time: 8:00 AM - 10:45 AM

Chair: Mark Howe

Participants:

- 8:00 Mark Howe—The International Boundary Commission (IBC) and Projects along the U.S.–Mexico Border (1928–1941)
- 8:15 Steven James—New Deal Archaeology at Buena Vista Lake in the San Joaquin Valley and the Sierra Madre Mountains: The 1933–34 CWA-Smithsonian Institution Project in Southern California
- 8:30 Todd Bostwick and Steven James—Desert Digs: New Deal Archaeology in Southern Arizona, 1934–1941
- 8:45 Jeanne Schofer and Peter Pilles—The Legacy of New Deal Programs to Northern Arizona and Southwest Archaeology
- 9:00 Questions and Answers
- 9:15 Wendy Sutton—Blast Caps and Other Stories of the CCC on the Gila National Forest: Imaging and Reimagining the North Star Road
- 9:30 Kelly Pool—Ruins and Restoration on the Colorado Plateau: Earl Morris and the PWA (Public Works Administration)
- 9:45 John Schelberg and Carla Van West—The Civilian Conservation Corps in Chaco Canyon, New Mexico
- 10:00 Elizabeth Toney—Combating the Erosion Menace: The Enduring Legacy of the CCC within the Silver City Watershed
- 10:15 Sandra Barnum—Asa T. Hill, the WPA, and the Fluorescence of Systematic Archaeology in Nebraska
- 10:30 Bernard Means—Discussant

[283] SYMPOSIUM ■ NEW PERSPECTIVES ON THE ARCHAEOLOGY OF ECONOMICS IN CHINA

Room: Continental Parlor 1

Time: 8:00 AM - 10:45 AM

Chairs: James Williams and Camilla Kelsoe

Participants:

- 8:00 James Williams—Local and Regional Economics in Northeast China
- 8:15 Jade DAloim Guedes—Modeling a Rapid Transition in Subsistence Regimes in Highland Western China
- 8:30 Guiyun Jin and Fuqiang Wang—Early Neolithic Plant Exploitation in East China
- 8:45 Zhen Qin—A Geoarchaeological Investigation of Ancient Agricultural Fields at Sanyangzhuang Site, Henan Province,

- China
- 9:00 Elizabeth Berger—Bioarchaeology, Human Ecology, and Subsistence Change in Ancient China
- 9:15 Tao Li—Economic Differentiation in Hongshan Core Zone Communities: A Geochemical Perspective
- 9:30 Kuei-chen Lin—Craft Production and Domestic Economies of the Prehistoric Chengdu Plain, Southwest China
- 9:45 Xiangming Dai—Backgrounds of Emergence of the Early States in Central and Northern China
- 10:00 Camilla Kelsoe and Dong Li—A Tale of Two Towns: Demographic and Economic Change in Two Middle Yangzi Communities
- 10:15 Alice Yao—Discussant
- 10:30 Questions and Answers

[284] SYMPOSIUM ■ 20 YEAR RETROSPECTIVE OF NATIONAL CENTER FOR PRESERVATION TECHNOLOGY AND TRAINING SPONSORED ARCHAEOLOGY

(Sponsored by The National Center for Preservation Technology and Training)

Room: Golden Gate 1

Time: 8:00 AM - 10:45 AM

Chair: Tad Britt

Participants:

- 8:00 Kurt Dongoske—Native Americans and Archaeology Training Workshop: A Twenty Year Retrospective
- 8:15 Tad Britt and Lindsey Cochran—Predictive Modeling of Archeological Sites in Death Valley National Park
- 8:30 Tommy Hailey—Archaeology As The CRO Flies, 2002–2014: A Retrospective Of Twelve Years Of Powered Parachute Aerial Archaeology
- 8:45 Daria Merwin and Roger Flood—Multibeam Swath Bathymetry for Underwater Archaeological Investigations
- 9:00 Joe Artz, William Whittaker and Emilia Bristow—Detecting Mounds Using Airborne LiDAR: Case Studies from Iowa and Minnesota
- 9:15 Chandra Reedy—Incorporating Image Analysis into Ceramic Thin-Section Petrography
- 9:30 Evan Peacock—Development and Applications of a Minimally Destructive Method of Sourcing Shell via LA-ICP-MS
- 9:45 Marvin Rowe, Eric Blinman, Jeffrey Cox, John Martin and Mark MacKenzie—Cold Plasma Oxidation and "Nondestructive"

- Radiocarbon Dating
- 10:00 Rinita Dalan—Development of Magnetic Susceptibility Instrumentation and Applications
- 10:15 Kenneth Kvamme—NCPTT and the Growth of American Archeogeophysics
- 10:30 Michael Russo—The Archeological Dynamic Friction Cone Penetrometer

[285] SYMPOSIUM ■ THE SOCIAL LIVES OF FORTS: RECONSIDERING THE SOCIAL CONSTRUCTION OF ANCIENT FORTIFIED SETTLEMENTS AND THEIR DIVERSE ROLES IN POLITICAL ORGANIZATION

Room: Continental Parlor 3

Time: 8:00 AM - 10:45 AM

Chairs: Ian Lindsay and Elizabeth Arkush

Participants:

- 8:00 Bettina Arnold and Manuel Fernandez Goetz—Building Community: The Heuneburg Hillfort as Monument and Metaphor
- 8:15 Lori Khatchadourian and Ian Lindsay—The Fortress Refigured: Authority and Community in the South Caucasus (ca. 1500–300 BC)
- 8:30 Paul Zimansky—Identity and Specialization in the Urartian Settlement at Ayanis
- 8:45 Dongdong Li and Wenjing Wang—Emergence of Walled Towns in the Neolithic Jiangnan Plain: Warfare or Flooding Control?
- 9:00 George Lau—Life, Land and Labour at Yayno (AD 400–800), a Recuay Fort in the North Highlands of Peru
- 9:15 Elizabeth Arkush—Coalescence and Conformity at the Ayawiri Hillfort, Peru: A Social Experiment under Duress
- 9:30 Kristin Kuckelman—Fortified Settlements as Forces of Social Change among the Ancestral Pueblo Peoples of the Northern San Juan Region
- 9:45 Adria LaViolette—The Fortified Settlement of Pujini and Implications for a Swahili Urban Landscape
- 10:00 Innocent Pikirayi—Fortifications in Mukaranga, Northern Zimbabwe (1600–1700 AD): A Socio-Political Perspective
- 10:15 Paul Roscoe—Beyond Defense: The Political Implications of Defense in Contact-era New Guinea
- 10:30 Takeshi Inomata—Discussant

[286] SYMPOSIUM ■ RECENT ADVANCES IN THE SETTLEMENT AND

**LANDSCAPE ARCHAEOLOGY OF SOUTHWEST CHINA AND
SOUTHEAST ASIA PART I: THE MACRO PERSPECTIVE: SPATIAL
ANALYSIS AND SUBSISTENCE SYSTEMS**

Room: Union Square 1

Time: 8:00 AM - 10:45 AM

Chair: Alison Carter

Participants:

- 8:00 Caitlin Evans—Sites, Survey, and Ceramics: A GIS-based Approach to Modeling Early Prehistoric Settlement Patterns in the Upper Mun River Valley, Northeast Thailand
- 8:15 Kasper Jan Hanus and Emilia Smagur—"Reconstructing" an Archaeological Landscape of NW Cambodia Beyond the Borders of the Greater Angkor Using Satellite Imaging
- 8:30 Mitch Hendrickson—Hydraulic Nodes of Empire—Redux: Evaluating the Role of Artificial Water Tanks as Indicators of Territorial Control in Cambodia's Medieval Landscape (6th to 15th c. CE)
- 8:45 Sarah Klassen, Damian Evans, Terry Lustig, Barry le Plastrier and Eileen Lustig—Evaluating the Sustainability of an Angkor-Period Engineered Landscape at Koh Ker, Cambodia
- 9:00 Anke Hein—Environmental Preconditions and Human Response: Subsistence Practices at Prehistoric Settlement Sites in the Liangshan Area, Southwest China
- 9:15 Tegan McGillivray and Nam Kim—The Environmental History of Settlement at Co Loa, Vietnam: A Preliminary Pollen Sequence
- 9:30 Cristina Castillo—Archaeobotany in Southeast Asia: What Have We Learned So Far?
- 9:45 Hetian Jin, Xu Liu, Rui Min, Xiaorui Li and Xiaohong Wu—Early Subsistence Practices at Prehistoric Dadunzi in Yuanmou, Yunnan: New Evidence for the Origins of Early Agriculture in Southwest China
- 10:00 Roland Fletcher—Discussant
- 10:15 Anke Hein—Discussant
- 10:30 Questions and Answers

**[287] SYMPOSIUM ■ ANCIENT ARCHITECTURE AND SPATIAL TECHNOLOGY:
A GLOBAL PERSPECTIVE**

Room: Golden Gate 5

Time: 8:00 AM - 11:00 AM

Chair: Mark McCoy

Participants:

- 8:00 Michael Harrower, Kathleen M. O'Meara, Ioana A. Dumitru,

- Clara J. Hickman and Jacob L. Bongers—3D Modeling—Breakthrough or Fad? Bronze Age Towers in Oman and Excavations of an Aksumite Town in Ethiopia
- 8:15 Elaine Sullivan—3D Saqqara: Using 3D GIS to Reconstruct Visibility and Communal Memory at an Egyptian Necropolis
- 8:30 James Osborne—Visibility Graph Analysis of Monumental Buildings in Iron Age Turkey
- 8:45 Daniel Contreras—Reflections on Digital Data Acquisition and Analysis at Chavín de Huántar, Peru
- 9:00 Chester Walker, Nathaniel VanValkenburg and Mark Willis—Architecture in Negative: Mapping Social Space at Carrizales, Peru Using Low Altitude Aerial Photography and Photogrammetry
- 9:15 Gabriela Ore Menendez and Steven Wernke—Mapping and Feature Classification of Low Altitude Orthomosaics Using Geospatial Image Analysis in a Planned Colonial Town in Highland Peru
- 9:30 Kelsey Reese and Timothy Kohler—Agency of Access: Public Architecture in Mesa Verde National Park
- 9:45 Rodrigo Guzman—Advances and Changes in the Surveying and Mapping of Guatemalan Archaeology Aided by New Information Technologies
- 10:00 Mark McCoy—Spatial Technology and the Search for Archaic State Society in the Hawaiian Islands
- 10:15 Wetherbee Dorshow, Patricia Crown and John Crock—Clear Views from the Ground: 3D Modeling of Architecture and Rock Art from Chaco to Anguilla
- 10:30 Kristin Safi, Adam Wiewel, Katie Simon and Andrew Duff—Mapping the Monumental Architecture of the Largo Gap Great House
- 10:45 John Kantner—Discussant

[288] SYMPOSIUM ■ IHOPE (INTEGRATED HISTORY AND FUTURE OF PEOPLE ON EARTH) - INTERNATIONAL AND INTERDISCIPLINARY PROJECTS WORKING TO MAKE THE PAST BETTER SERVE THE FUTURE.

(Sponsored by IHOPE)

Room: Union Square 13

Time: 8:00 AM - 11:00 AM

Chair: George Hambrecht

Participants:

- 8:00 Thomas McGovern—Discussant

- 8:15 Keith Prufer—IHOPE Maya: Linking Lessons of the Past to Our Present and Future
- 8:30 Tristram Kidder—The Roots of the Modern Anthropocene: The Yellow River Valley, China, 5000–2000 BP
- 8:45 Richard Oram—Stripped Naked, Flayed to the Bone and then Drowned: Settlement Failure in Coastal Scotland in the 14th and 15th Centuries
- 9:00 Sander Van Der Leeuw—Learning from the Past About the Present and for the Future
- 9:15 Margaret Nelson—Vulnerability and Human Security in the Face of Climate Change
- 9:30 Jago Cooper and Alice Samson—Small Island Water Security: Considering How the Past Can Help Secure a Safer Future
- 9:45 Aleksander Pluskowski, Alexander Brown, Rowena Banerjea, Krish Seetah and Daniel Makowiecki—Transforming Frontiers into Heartlands: The Immediate and Long-Term Environmental Impact of the Crusades in NE Europe
- 10:00 Megan Hicks, Árni Einarsson, Kesara Anamthawat-Jónsson, Ágústa Edwald and Thomas H. McGovern—Long Term, Community Level Protection and Management of Waterfowl in Mývatn N. Iceland
- 10:15 Katie Manning, Sue Colledge, Enrico Crema, Adrian Timpson and Stephen Shennan—Long-Term Trends and the Sustainability of Early Agriculture in Neolithic Europe
- 10:30 Colleen Strawhacker, Peter Pulsifer and Shari Gearheard—Data Management and Cyberinfrastructure for Traditional and Local Knowledge and Archaeology in the Arctic
- 10:45 Andrew Dugmore—Discussant

[289] SYMPOSIUM ■ MIND THE GAP: ARCHAEOLOGICAL APPROACHES TO NULL DATA SPACES

Room: Union Square 14

Time: 8:00 AM - 11:15 AM

Chair: Zenobie Garrett

Participants:

- 8:00 Susan Johnston—Space as Place: Understanding Emptiness in Archaeological Landscapes
- 8:15 April Beisaw—Mapping Contagious Abandonment and Resilience, North of New York City
- 8:30 Erin Nelson—Courtyards, Plazas, Paths: Empty Spaces Full of Meaning
- 8:45 Megan Kassabaum—The Importance of the Center: Exploring

- Circular Spaces in the Lower Mississippi Valley
- 9:00 Meghan Buchanan—Absences and Abandonments in the Mississippian Midwest
- 9:15 Zenobie Garrett—Bridging the Gap: Understanding the Empty Medieval Landscape of Post-Roman Aquitaine
- 9:30 Kevin Wiley—Networks through Time: Filling in the Gaps
- 9:45 Eva Hulse—A Geoarchaeological Approach to the Interpretation of Incomplete Spatial Data
- 10:00 Stephen Wagner—Manufacturing the Gap: Discrete Data, Archaeological Sites, and Cultural Resource Management
- 10:15 Amy Clark—Analyzing Activity Areas When Only One Material Remains: The Interpretation of Low Density, “Empty” Spaces in Open Air Middle Paleolithic Sites
- 10:30 Elizabeth Watts-Malouchos and Zarko Tankosic—Sighting Sites: Viewshed Analysis and Site Boundaries in Archaeological Survey
- 10:45 Justin King, Heather Richards-Rissetto and Kristin Landau—Enter the Void: A GIS Analysis of the Visibility of Empty Spaces at Copan, Honduras
- 11:00 Questions and Answers

[290] SYMPOSIUM ■ MANY FACES, MANY PERSPECTIVES: ARCHAEOLOGY AND COMMUNITIES IN PRACTICE

(Sponsored by Para la Naturaleza, a division of the Puerto Rico Conservation Trust, and the University of PR)

Room: Continental Ballroom Parlor 7

Time: 8:00 AM - 11:15 AM

Chair: Isabel Rivera-Collazo

Participants:

- 8:00 Isabel Rivera-Collazo—Codes of Ethics and Archaeology in Practice: “Communal Archaeology” and Citizen Science Towards the Advancement of the Discipline
- 8:15 Rebecca Boger—Building Resilience and Sustainability through Collaboration and Community Research
- 8:30 Cristina Franco—Breaking the Untold Rule: Community Archaeology a Bond of People and Information
- 8:45 Miguel Díaz-Díaz—La erosión costera como agente de cambio geomorfológico y pérdida de contexto arqueológico
- 9:00 Hector Rivera-Claudio—Una experiencia personal en el descubrimiento de la arqueología: mi voz como ciudadano
- 9:15 Karen Lopez—La arqueología latente: educación informal como inspiración para preparación profesional

- 9:30 Jose Garay—Into the Mind of an Undergrad: Personal Experience, Training and Archaeology
- 9:45 Jen-I Costosa—Digging the Past—Creating New Pathways for the Future: Graduate Student Perspective from the Field
- 10:00 Sophia Perdikaris—From Theory to Real Life Applications: Citizen Science in Heritage and Sustainability in Barbuda
- 10:15 John Mussington— Archaeology and Community Development: A Perspective from within
- 10:30 Questions and Answers
- 10:45 Gabriel Moshenska—Discussant
- 11:00 Carole Crumley—Discussant

[291] SYMPOSIUM ■ PEOPLE WITHOUT COLLAPSE: PERIPHERIES AS ACTIVE PARTICIPANTS IN CULTURAL TRANSFORMATIONS

Room: Continental Ballroom Parlor 9

Time: 8:00 AM - 11:15 AM

Chairs: Elizabeth Paris and Elizabeth Brite

Participants:

- 8:00 Elizabeth Paris and Elizabeth Brite—People without Collapse: An Introduction
- 8:15 Erana Loveless—The Invisibility of Reactive Foragers and its Implications for Traditional Ecological Knowledge
- 8:30 David Mixer—Liberty on the Periphery: How Actuncan, Belize Escaped the Classic Maya Collapse (For a Time)
- 8:45 Roberto Lopez Bravo and Elizabeth H. Paris—Collapse from the Outside In: A View from the Western Maya Periphery
- 9:00 E. Anderson—Medieval Warmth: Did the Medieval Warm Period Sink the Maya but Make the Mongols?
- 9:15 Hiroko Inoue, Christopher Chase-Dunn, Eugene Anderson , Alexis Álvarez and Christian Jaworski—Comparing World-Systems: Empire Upsweeps and Non-Core Marcher States Since the Bronze Age
- 9:30 Elizabeth Brite—Ingenuity from the Periphery: Contributions to Old World Transformations from the Aral Sea deltas
- 9:45 Lynne Rouse—In-Visible Periphery of Old World “Collapse”: Recognizing Choice and Circumstance in the Archaeological Record of Mobile Pastoralists
- 10:00 Elizabeth Bridges—Reevaluating Vijayanagara Imperial Collapse
- 10:15 Susan Allen and Kathleen Forste—On the Periphery of Collapse: An Archaeobotanical View from the Mycenaean Hinterland at Tsoungiza

- 10:30 Willeke Wendrich—Discussant
10:45 E. Anderson—Discussant
11:00 Questions and Answers

[292] SYMPOSIUM ■ GLOBAL PERSPECTIVES ON LITHIC TECHNOLOGIES IN COMPLEX SOCIETIES

Room: Golden Gate 3

Time: 8:00 AM - 11:15 AM

Chairs: Rachel Horowitz and Grant McCall

Participants:

- 8:00 Mary Davis—Urban Lithics—The Role of Stone Tools in the Indus and at Harappa
8:15 Teresa Raczek—A Plethora of Possibilities: Evaluating Debitage from Large Habitation Mounds
8:30 Steven Rosen and Francesca Manclossi—The Importance of Being Ad Hoc: Patterns and Implications of Expedient Lithic Production in the Bronze Age in Israel
8:45 Paul Kardulias—Stone Tool Use in Late Prehistoric and Historic Contexts in the Eastern Mediterranean Region
9:00 Thomas Hester and Harry J. Shafer—Ancient Maya Lithic Craft Specialization at Colha, Belize
9:15 Zachary Hruby and Jason W. Barrett—Pride and Prejudice in the Maya Lowlands
9:30 Jason Paling—Leaving No Stone Unturned: Investigating Preclassic Lithic Production, Consumption, and Exchange at San Estevan, Belize and K'o and Hamontún, Guatemala
9:45 Rachel Horowitz—The Organization and Economic Activity Related to the Extraction and Production of Utilitarian Tools in the Mopan Valley, Belize
10:00 Grant McCall, Rachel Horowitz, Dan Healan and David Grove—Chert at Chalcatzingo: Implications of Knapping Strategies and Technological Organization for Formative Economics
10:15 Jason Nesbitt, Yuichi Matsumoto, Michael Glascock, Yuri Caverio and Richard Burger—Sourcing the Obsidian from Campanayuc Rumi: Implications for Understanding Chavín Interaction
10:30 Fumiyasu Arakawa—Unraveling Sociopolitical Organization Using Lithic Data: A Case Study from an Agricultural Society in the American Southwest
10:45 Caroline Schmidt and Ryan Parish—Determining Implications of Lithic Selectivity in the Early Historic European Trade of the

Central Mississippi Valley
11:00 John Whittaker—Discussant

[293] SYMPOSIUM ■ ANCESTRAL NATIVE AMERICAN ARCHAEOLOGY OF THE SAN FRANCISCO BAY AREA

Room: Franciscan CD

Time: 8:00 AM - 11:45 AM

Chairs: Alex DeGeorgey and Mark Hylkema

Participants:

- 8:00 Philip Kaijankoski and Jack Meyer—A Land Transformed: Holocene Sea-Level Rise, Landscape Evolution, and Human Occupation in the San Francisco Bay Area
- 8:15 Edward Luby and Kent G. Lightfoot—Diachronic Changes in the Shell Mounds of the San Francisco Bay: A Case Study of Ellis Landing (CA-CCO-295)
- 8:30 Alan Leventhal and Rosemary Cambra—Shellmounds of the San Francisco Bay as Sacred Landscapes
- 8:45 Karen Gardner, Eric J. Bartelink, Antoinette Martinez, Alan Leventhal and Rosemary Cambra—Feeding the Ranks: Correlating Social Organization and Dietary Patterns at the Yukisma Mound (CA-SCL-38)
- 9:00 Adrian Whitaker and Brian Byrd—An Ideal Free Settlement Perspective on Residential Positioning in the San Francisco Bay Area
- 9:15 Mark Hylkema—Tule Balsa Boats and the San Francisco Bay Economy
- 9:30 Dwight Simons, Tom Wake and Alex DeGeorgey—Fins, Feathers and Furs: Fish, Bird, and Mammal Remains from a Stege Mound Complex Site, CA-CCO-297
- 9:45 Alex DeGeorgey and Dwight Simons—Use of Faunal Resources as Trade Commodities during the Late Period—Evidence from a Stege Mound (CA-CCO-297)
- 10:00 Jack Broughton—Late Holocene Resource Depression in San Francisco Bay: Recent Research with Tule Elk, Sturgeon, and Waterfowl
- 10:15 Kenneth Gobalet and Robert Leidy—An Update of the Prehistoric Native American Fishery of San Francisco Bay
- 10:30 Melanie Beasley—Men at Work: Economic Complexity and Exploitation of Dietary Marine Protein Sources in the San Francisco Bay Area
- 10:45 Eric Bartelink, Jelmer Eerkens, Melanie Beasley and Karen Gardner—Kroeber's Omnivore's Dilemma: Regional

- Perspectives on Late Holocene Human Paleodiets in the San Francisco Bay Area
- 11:00 Susan Talcott, Jelmer Eerkens, Eric Bartelink and Ken Gobalet—Stable Isotope Perspectives on Diet and Mobility in the California Delta
- 11:15 Laura Brink, Jelmer Eerkens, Alex DeGeorgey and Jeff Rosenthal—Reconstructing Mobility in the San Francisco Bay Area: Strontium and Oxygen Isotope Analysis at Two California Late Period Sites, CA-CCO-297 and CA-SCL-919
- 11:30 Sally Evans—Auditory Exostosis: A Marker of Occupational Stress in Pre-Contact Populations from the San Francisco Bay Region of California

[294] SYMPOSIUM ■ BUILDING THE HUNTER-GATHERER'S PALEOSCAPE ON THE SOUTH AFRICAN COAST: ENVIRONMENT, LANDSCAPE, AND FORAGING RESOURCES

Room: Imperial Ballroom B

Time: 8:00 AM - 11:45 AM

Chair: Erich Fisher

Participants:

- 8:00 Alastair Potts, Richard Cowling, Simon Scheiter, Steven Higgins and Janet Franklin—Peering into the Past Cape Vegetation during the Last Glacial Maximum Using Species Distribution Modelling and Dynamic Global Vegetation Modelling
- 8:15 Kim Hill, Marco Janssen, Eric Fisher and Curtis Marean—Agent Based Models of Ache Foraging and Grouping
- 8:30 Jan De Vynck, Kim Hill, Robert Anderson, Richard Cowling and Curtis Marean—Foraging for Shellfish in a Predictable and Productive Inter-Tidal Environment, the South Coast of South Africa
- 8:45 Chloe Atwater, Jan de Vynck, Alastair Potts, Jayne Wilkins and Kim Hill—Wood Foraging in the Tree-Limited Environment of the Cape Floral Region of South Africa
- 9:00 Elzanne Singels, Karen Esler, Richard Cowling, Alastair Potts and Jan de Vynck—Foraging for Bulbs in the Cape Floristic Region
- 9:15 Kerstin Braun, Miryam Bar-Matthews, Curtis W. Marean, Alan Matthews and Rainer Zahn—Long and Continuous Record of Climate and Environmental Change from Speleothems of the Cape Floral Region of Southern South Africa
- 9:30 Hayley Cawthra, John Compton, Erich Fisher, Zenobia Jacobs and Curtis Marean—Marine Geophysics Reveals the Character

- of the Now Submerged Paleo-Agulhas Plain
- 9:45 Rosa-Maria Albert, Irene Esteban and Curtis Marean—
Paleoenvironmental Reconstruction Using Fossil Phytolith
Assemblages at Pinnacle Point caves 13B and 5/6 during
Middle Stone Age, Mossel Bay, South Africa
- 10:00 Julia Lee-Thorp, Kirsty Penkman and Curtis Marean—A Late
Pleistocene Aridity and Vegetation Record from Stable Light
Isotope Ratios of Ostrich Eggshell in Pinnacle Point
- 10:15 Hope Williams, Curtis Marean, Thalassa Matthews and Andy
I.R. Herries—Paleoenvironmental Implications of Stable Isotope
Analyses of Micromammal Teeth from Pinnacle Point (Mossel
Bay, South Africa)
- 10:30 Sandi Copeland, Hayley Cawthra, Richard Cowling, Julia Lee-
Thorp and Petrus LeRoux—Testing the Paleo-Agulhas Plain
Migration Ecosystem Hypothesis with Serial Isotope Analysis of
Fossil Fauna
- 10:45 Judith Sealy, Navashni Naidoo, Julia Lee-Thorp, Emma Loftus
and Tyler Faith—Stable Carbon and Oxygen Isotopes in Faunal
Tooth Enamel from Boomplaas and Nelson Bay Cave Record
Late Pleistocene/Holocene Environments in the southern Cape,
South Africa
- 11:00 Leesha Richardson—Environmental Implications of Marine Bird
Remains in the Late Holocene of Pinnacle Point.
- 11:15 Eugene Smith, Amber Ciravolo, Minghua Ren, Panagiotis
Karkanas and Curtis Marean—Cryptotephra Discovered at
Pinnacle Point Site 5-6 May Correlate with the 74 ka Eruption of
Toba in Indonesia: Implications for Resolving the Dating
Controversy for Middle Stone Age Sites in Southern Africa.
- 11:30 Curtis Marean—Discussant

**[295] SYMPOSIUM ■ FROM THE FIELDS TO THE PALACES OF THE
PREHISTORIC MAYA: HONO(U)RING THE CONTRIBUTIONS OF THE
LATE PETER D. HARRISON**

Room: Continental Ballroom 4

Time: 8:00 AM - 11:45 AM

Chairs: Laura Kosakowsky and Jim Aimers

Participants:

- 8:00 Jim Aimers—Peter Harrison: Remembering a Friend and
Colleague
- 8:15 H Loten—Compiling Tikal Report 15
- 8:30 Hattula Moholy-Nagy—Monuments as Artifacts: The
Significance of the Hiatus at Tikal, Guatemala

- 8:45 Nicholas Dunning, Vernon Scarborough and David Lentz—Tikal in Environmental Context: Peter Harrison and Ancient Maya Water Management and Subsistence
- 9:00 Diane Chase and Arlen Chase—Iconographic Portraiture and Political Implications: Peter Harrison's Contribution to Mayanists' Understanding of Site Q
- 9:15 Ryan Mongelluzzo—Harrison's View: The Importance of Small Scale Analyses in Maya Archaeology
- 9:30 Robert Fry—Into the Unknown: The Uaymil Survey Project 1972–1976
- 9:45 Justine Shaw and Jennifer Mathews—A Tale of Two Projects: Comparative Findings of the CRAS and Yalahau Projects
- 10:00 Scott Fedick, Jennifer Chmilar and Daniel Leonard—Diversity of Wetland Form, Historical Ecology, and Human Use in the Maya Lowlands: The View from the Yalahau Wetlands
- 10:15 Terry Powis—Vision and Revision in the Use of Residential and Non-Residential Space at Middle Preclassic Maya Sites: A View from Pacbitun, Belize
- 10:30 Patricia McAnany—"He Entered the Water" ... Maya Wetlands and Their Caretakers
- 10:45 B Turner—The Role of Environment in the Collapse of the Ancient Maya
- 11:00 Laura Kosakowsky and David Pendergast—Remembrances of Things Past: Peter D. Harrison and Maya Archaeology
- 11:15 E. Wyllys Andrews—Discussant
- 11:30 Questions and Answers

[296] SYMPOSIUM ■ A SENSE OF QUESTION: PAPERS IN HONOR OF JAMES F. O'CONNELL

Room: Plaza A

Time: 8:00 AM - 12:00 PM

Chair: Karen Lupo

Participants:

- 8:00 Robert Elston—James F. O'Connell and Great Basin Archaeology
- 8:15 Steven Simms and Andrew Ugan—The Faces of Intensification: An Application of Selection Thinking
- 8:30 Dave Schmitt and Karen Lupo—Is Bigger Always Better? Body-Size, Prey Rank, and Hunting Technology
- 8:45 Mark Collard—A Cross-Cultural Analysis of the Impact of Diet Breadth on Subsistence Toolkit Richness and Complexity
- 9:00 Mary Stiner and Steven Kuhn—OFT and EVO-DEVO:

- Antithetical or Mutually Beneficial?
- 9:15 Kristen Hawkes—Ethnoarchaeology Plus a Theory of Behavior: Jim O'Connell's Hadza Work
- 9:30 Richard Klein—Archaeological Shellfish Size and Later Human Evolution in Africa
- 9:45 Jim Allen—Overpaid, Over-Sexed and Over Here: O'Connell in Australia
- 10:00 Peter White—Ethnoarchaeology: More than Cautionary Tales
- 10:15 K. Ann Horsburgh—Integrating Archaeological and Genetic Data
- 10:30 David Zeanah, Brian F. Codding, Douglas W. Bird and Rebecca Bliege Bird—OFT, BSR, and JOC: James O'Connell's Contributions to Understanding Broad Spectrum Economies Using Foraging Theory
- 10:45 Brian Codding, David Zeanah, Rebecca Bliege Bird, Christopher Parker and Douglas Bird—Martu Ethnoarchaeology: Foraging, Site Structure and the Scales of Constraint on Human Behavior
- 11:00 Douglas Bird—A Kangaroo Hunt
- 11:15 David Meltzer—What if the Restaurant Isn't at the End of the Universe but in a Much Nicer Place?
- 11:30 Judith Field—A View on Late Pleistocene Megafauna Extinction in Sahul: An Emu Hunt Revisited
- 11:45 James O'Connell—Discussant

[297] SYMPOSIUM ■ LITHICS COWGIRL, HOUSEHOLD ARCHAEOLOGIST, DIGITAL DOYENNE: A SESSION DEDICATED TO RUTH TRINGHAM

Room: Continental Ballroom 6

Time: 8:00 AM - 12:00 PM

Chair: Colleen Morgan

Participants:

- 8:00 Michael Ashley—Remediated Roads and Flights of Fancy, Travels with Ruth from Past to Present
- 8:15 Barbara Voytek—From Russia with Love: Ruth Tringham and the Early Days of Microwear
- 8:30 Doug Bailey—Who invited the Secret Police?
- 8:45 Colleen Morgan—A Chimera Spider at Play: Making, Creativity and Collaboration in Digital Archaeology
- 9:00 Michael Shanks—Ruth Tringham
- 9:15 Mirjana Stevanovic—Ruth's Archaeology
- 9:30 Lori Hager—Who Will Remember the Dead? Embodying the People of the Past in Novel Ways

- 9:45 Peter Biehl—The Neolithic House: Ruth Tringham's Interdisciplinary Approaches to (Re)Constructing Prehistoric Village Life in Southeast Europe and Anatolia
- 10:00 Margaret Conkey—Out on the Ice with Ruth: Taking Chances Together
- 10:15 Steve Mills—Walking to (A)muse: Exploring Senses of Place with Ruth
- 10:30 Angela Piccini—Archaeology's Moving Images
- 10:45 Henrietta L. Moore—Feminism and Experimentation
- 11:00 Julian Richards—Discussant
- 11:15 Ian Hodder—Discussant
- 11:30 Ruth Tringham—Discussant
- 11:45 Questions and Answers

[298] SYMPOSIUM ■ THE SEVENTH FIELD SEASON OF THE PROYECTO TEMPLO MAYOR: RECENT INVESTIGATIONS ON THE SACRED PRECINCT OF TENOCHTITLAN

Room: Golden Gate 2

Time: 8:00 AM - 12:00 PM

Chairs: Ximena Chávez Balderas and Leonardo López Luján

Participants:

- 8:00 Saburo Sugiyama and Leonardo López Luján—New 3D Map of the Templo Mayor Architecture, a Symbol of Mexica Cosmology and Political Power with Teotihuacan Tradition
- 8:15 Michelle Marlene De Anda Rogel, Fernando Carrizosa and Valeria Hernández—Graphic Documentation of the Mural Painting in the Sacred Precinct of Tenochtitlan
- 8:30 Amaranta Arguelles—A Model of the Universe at the Foot of the Templo Mayor of Tenochtitlan. An Approach to its Meaning
- 8:45 Diego Matadamas Gómora, Martha Soto, Ángel González López and Michelle De Anda Rogel—The Polychromy of the Great Temple of Tenochtitlan "Standard Bearers"
- 9:00 Erika Robles Cortés, Ximena Chávez Balderas, Alejandra Aguirre Molina and Michelle De Anda Rogel—Images of Death in Offering 141 of Tenochtitlan's Great Temple: Human Sacrifice and the Symbolism of Effigy Skulls
- 9:15 Miguel García González—The Sun, the Xiuhcoatl and the Eagle: Incense Burners Found at the Great Temple of Tenochtitlan
- 9:30 Alejandra Aguirre—Images Represented in the Dressed Flint Knife Offerings from the Plaza West of Tenochtitlan's Great Temple

- 9:45 Frances Berdan—Discussant
- 10:00 Margarita Mancilla Medina, Laura Angélica Ortíz Tenorio and Mirsa Alejandra Islas Orozco—Wooden Scepters in the Offerings of Tenochtitlan's Great Temple: A Symbolic Interpretation
- 10:15 Martha Soto—Feather Headdresses among the Offerings at Tenochtitlan's Great Temple
- 10:30 Aurora Montúfar López and Julia Pérez Pérez—Botanical Analysis of Sediments in Offerings and Fill at Tenochtitlan's Great Temple
- 10:45 Belem Zúñiga Arellano—Marine Mollusks as Evidence of Mexica Imperial Expansion
- 11:00 Ana Guzmán—Peces de las ofrendas asociadas a Tlaltecuiltli
- 11:15 Guilhem Olivier and Leonardo López Luján—The Roseate Spoonbills of Tenochtitlan's Great Temple and Their Relation to Deceased Warriors, Nobles, and Kings
- 11:30 Israel Elizalde Mendez, Salvador Figueroa Morales and Ximena Chávez Balderas—Animal Captivity in Tenochtitlan's Sacred Precinct: Specialized Diet and Paleopathological Analysis of Golden Eagles Found in Offering 125
- 11:45 Adrian Velazquez—Discussant

[299] SYMPOSIUM ■ BUILDING A BIOARCHAEOLOGY OF CARE

Room: Plaza B

Time: 8:00 AM - 12:00 PM

Chairs: Alecia Schrenk and Lorna Tilley

Participants:

- 8:00 Lorna Tilley—Thinking and Theory in the Bioarchaeology of Care
- 8:15 Alecia Schrenk and Debra Martin—Using the Index of Care on a Bronze Age Teenager with Poliomyelitis: From Speculation to Strong Inference
- 8:30 Gerald Conlogue, Mark Viner, Ronald Beckett and Jelena Bekvalac—A Post-Mortem Evaluation of the Degree of Mobility in an Individual with Severe Kyphoscoliosis Using Direct Digital Radiography (DR) and Multi-Detector Computed Tomography (MDCT)
- 8:45 Sarah Jolly and Danielle Kurin—Surviving Trepanation: Approaching the Relationship of Violence and the Care of “War Wounds” through a Case Study from Prehistoric Peru
- 9:00 Alexis Boutin—Narrativizing a Bioarchaeology of Care: A Case Study from Ancient Dilmun

- 9:15 Alyssa Willett and Ryan Harrod—Cared for or Outcasts? The Bioarchaeological Analysis of Two Individuals with Potential Disabilities from Aztec Ruins
- 9:30 Rebecca Gowland—The Bioarchaeological Evidence for Elder Care in Roman Britain
- 9:45 Lori Tremblay Critcher—Potential Applications of the Bioarchaeology of Care Methodological Approach for Historic Institutionalized Populations
- 10:00 Julie Wesp—Caring for Bodies or Simply Saving Souls: The Emergence of Institutional Care in Spanish Colonial America
- 10:15 Marco Milella—Modeling Care in Prehistory through an Analysis of Hunter-Gatherers Social Systems
- 10:30 Kenneth Nystrom, Niels Lynnerup and Dario Piombino-Mascoli—Mummy Studies and the Soft Tissue Evidence of Care
- 10:45 Charlotte Roberts—The Potential and Challenges of Constructing a Bioarchaeology of Care for a Person with Leprosy in the Late Medieval Period
- 11:00 David Doat—What Moral and Ethical Considerations Should Inform Bioarchaeology of Care Analysis?
- 11:15 Andrew Wilson, Keith Manchester, Jo Buckberry, Rebecca Storm and Karina Croucher—Digitised Diseases: Seeing Beyond the Specimen, Understanding Disease and Disability in the Past
- 11:30 David Mennear—Making the Bioarchaeology of Care Methodology Public: Understanding the Roles of Ethics, Communication and Public Engagement in a Novel Approach to Physical Impairment in the Archaeological Record
- 11:45 Jane Buikstra—Discussant

[300] SYMPOSIUM ■ SOLVING ARCHAEOLOGICAL RESEARCH PROBLEMS IN ROCKY MOUNTAIN AND PLAINS PREHISTORY

Room: Franciscan AB

Time: 8:00 AM - 12:00 PM

Chairs: Douglas MacDonald and Bonnie Pitblado

Participants:

- 8:00 Douglas MacDonald, Justin Pfau and Matthew Nelson—Geographic and Chronological Differences in Lithic Raw Material Use by Hunter-Gatherers in the Greater Yellowstone Ecosystem
- 8:15 Kathryn Puseman and Craig Lee—Out of Ice: A Review of Greater Yellowstone Area Ice Patch Hunting Technology

- 8:30 Meghan Forney, John W. Fisher, Jr. and Lawrence Todd—A Multi-Scalar Chipped Stone Analysis in the Northern Rocky Mountains: Comparing the Bridger Mountains, Montana to the Absaroka Mountains, Wyoming
- 8:45 Pei-Lin Yu—Archaic Women in the High Country: An Ethnoarchaeological Framework
- 9:00 Samuel White—Anzick Site Lithics: A Study of Concave Margin Scrapers as an Integral Part of the Clovis Tool Kit
- 9:15 Michael Neeley—The Beaucoup Site: A Bison Kill in Northeastern Montana
- 9:30 Jesse Ballenger, Brandi Bethke and Maria Zedeno—The Landscape Archaeology of the Northwestern Plains: Problems and Potential
- 9:45 Sara Scott—Deciphering WPA Archaeology on the Northwestern Plains: Another Look at the Cultural Chronology of Pictograph Cave
- 10:00 Mavis Greer and John Greer—Rock Art Research and Ethnohistory on the Northwestern Plains and Adjacent Rocky Mountains
- 10:15 Kenneth Reid and Ethan Morton—Idaho's Radiocarbon Record and the Challenges of Chronometric Hygiene
- 10:30 Kathryn Harris—The American Falls Obsidian Source: Near, Far, or Unknown?
- 10:45 Christopher Merriman and Caroline Gabe—Addressing Surface Site Palimpsests with GIS and Lithic Technology
- 11:00 Robert Brunswig, James Doerner and David Diggs—Multidisciplinary Reconstruction of Interactive Change in Holocene Treeline, Paleoclimate, and High Altitude Hunting Systems in Rocky Mountain National Park, Colorado
- 11:15 Lisa Smith, Patricia Stavish, Irida Rodriguez and Brandon Mauk—Embedded Activities: Preliminary Analysis of Landscape Use and Mobility Patterns in Colorado National Monument
- 11:30 William Ankele, Bonnie L. Pitblado, Meghan J. Forney and Christopher W. Merriman—Paleoindian Use of the Lake Fork Valley, Southwest Colorado
- 11:45 Alesha Marcum-Heiman, Leland C. Bement and Kristen Carlson—Exploring Prehistoric Resource Distribution in the Black Mesa Region: A Plains- Montane Ecotone in Cimarron County, Oklahoma

[301] SYMPOSIUM ■ PEOPLE THAT NO ONE HAD USE FOR, HAD NOTHING TO GIVE TO, NO PLACE TO OFFER: THE MILWAUKEE COUNTY

INSTITUTION GROUNDS POOR FARM CEMETERY**Room:** Continental Ballroom Parlor 8**Time:** 8:00 AM - 12:00 PM**Chair:** Patricia Richards**Participants:**

- 8:00 Patricia Richards—Here Lies.... You Know, Weaver, I've Forgotten Who We Just Buried: The Milwaukee County Poor Farm Cemetery Project
- 8:15 Brooke Drew—Who, What, Where, When and How: A Comprehensive Archival Investigation of the Milwaukee County Institution Grounds Cemeteries, 1882–1925
- 8:30 Nicholas Richards—MCIG According to MCIG: Historic Document Research
- 8:45 Alexander Anthony—The 1912 Grave Desecration of the Milwaukee County Institution Grounds Poor Farm's Cemetery
- 9:00 Eric Burant—What's in a Grave?: A Preliminary Analysis of Material Culture from the Milwaukee County Institution Grounds Cemetery
- 9:15 Catherine Jones—Mixed Burials and Commingled Human Remains Recovered from the Milwaukee County Institution Grounds Poor Farm Cemetery
- 9:30 Alexis Jordan, Catherine Jones and Shannon Freire—The Sum of Their Parts: Reconstituting Individuality from Atypical Mixed Burials at the Milwaukee County Institution Grounds Poor Farm Cemetery
- 9:45 Adrienne Frie and Patricia Richards—Historical Craniotomy and Autopsy Practices at the Milwaukee County Institutional Grounds Poor Farm Cemetery
- 10:00 David Strange—Evidence for Antemortem or Perimortem Trauma among Individuals Recovered from the 2013 Milwaukee County Institution Poor Farm Cemetery Excavations
- 10:15 Helen Werner—Molecular Identification of Mycobacterium Tuberculosis in the Milwaukee County Institution Grounds Cemetery
- 10:30 Jessica Skinner—Entheses and Activities: a Metric and Non-Metric Analysis of Enteseal Change of the Shoulder Complex within the Milwaukee County Institution Grounds Population
- 10:45 Brianne Charles and Emily Epstein—Expanding Juvenile Dental Age Assessments Using 2013 Recovered MCIG Subadult Dental Data
- 11:00 Emily Epstein, Brianne Charles and Brooke Drew—Neonatal Line Assessment among Milwaukee County Institution Grounds (MCIG) Perinates to Determine Viability

- 11:15 Shannon Freire and Alexis Jordan—The Application of Strontium Isotope Analysis to Historic Cemetery Contexts: A Case Study for the Creation of Robust Individual Identifications
- 11:30 John Richards and Catherine Jones—Using PXRf Technology to Aid in the Recovery and Analysis of Human Remains
- 11:45 Lynne Goldstein—Discussant

[302] SYMPOSIUM ■ CURRENT PROBLEMS IN ARCTIC RESEARCH

Room: Continental Parlor 2

Time: 8:00 AM - 12:00 PM

Chairs: Christyann Darwent and John Darwent

Participants:

- 8:00 Ben Potter—Recent Discoveries in the Tanana Basin, Eastern Beringia
- 8:15 Richard Stern—Recent NLURA Research in Northern Alaska
- 8:30 Rita Miraglia—Results of Section 106 Fieldwork at Three Archaeological Sites in Alaska: Producing Meaningful Research Results Under the Shadow of the Sequester
- 8:45 Richard Martin, Kathryn E. Krasinski, Brian T. Wygal and Fran Seager-Boss—Application of LIDAR in New Site Discoveries, Susitna Valley, Alaska
- 9:00 Virginia Hatfield, Kale Bruner and Dixie West—Geological Hazards, Climate Change, and Human Resilience in the Islands of the Four Mountains of Alaska: Preliminary Archaeological Findings
- 9:15 Kale Bruner and Hannah Owens—Where's the Cod?: Toward a Predictive Model of Prehistoric Land-Use and Migration in the Aleutian Islands
- 9:30 Andrew Tremayne, John Darwent, Christyann Darwent and Kelly Eldridge—Iyatayet Revisited: Oh Giddings, What Have You Done?
- 9:45 Owen Mason, Claire Alix and Nancy Bigelow—Birnik Expansion Across Alaska during the Medieval Climate Anomaly: Causal or Coincidence?
- 10:00 Jeremy Foin—Comparative Faunal Analysis of Four Early Thule House Features from Cape Espenberg, Alaska, and Inglefield Land, Greenland
- 10:15 Adam Freeburg—Subsistence and Settlement at Cape Krusenstern, Alaska
- 10:30 David Yesner, Michael Farrell and Daniel Monteith—Caribou Exploitation Dynamics and Antler Tool Production in Late Thule Occupation of the Kvichak River Drainage, SW Alaska

- 10:45 Cynthia Zutter—Digging Deep or Just Scratching the Surface: Challenges and Successes with Labrador Inuit Archaeobotany
- 11:00 Shelby Anderson, Shannon Tushingham and Christopher Yarnes—Maritime Adaptations and Arctic Ceramic Technology: Results of Residue Analysis
- 11:15 Kelly Eldridge, John Darwent and Christyann Darwent—Under Threat of Erosion: Late Prehistoric to Historic Contact Houses near the Native Village of Shaktoolik, Alaska
- 11:30 Anne Jensen—Nuvuk, Birnirk, Utqiaġvik, Walakpa and Beyond: All Those Sites Will Soon Be Gone
- 11:45 Lisa Hodgetts, Colleen Haukaas and Laura Kelvin—Delivering on the Promise: Mobilizing Knowledge in the Ikaahuk Archaeology Project

[303] SYMPOSIUM ■ MURAL PAINTING AND THE ANCIENT AMERICAS

Room: Golden Gate 8

Time: 8:00 AM - 12:00 PM

Chairs: Victoria Lyall and Lisa Trever

Participants:

- 8:00 Victoria Lyall—Painting Ourselves out of a Corner: Considerations on the Medium
- 8:15 Heather Hurst—Revisioning the Relationship between Man and Jaguar: A Reassessment of the Olmec Paintings of Oxtotitlán, Guerrero, Mexico
- 8:30 William Saturno—Presenting Order: Painting as Mythic Past and Mathematical Future in the Murals of San Bartolo and Xultun, Guatemala
- 8:45 Franco Rossi—Sabios in Situ: Art-Making and Representing Authority at Classic Period Xultun
- 9:00 Nancy Deffebach—Beyond Surrealism: The Anthropological Sources of Leonora Carrington's "El mundo mágico de los mayas" (1964)
- 9:15 Gabriela Uruñuela and Patricia Plunket—The Virtual Reconstruction of "Los Bebedores Mural" from Cholula, Puebla, México
- 9:30 Véronique Wright—Archaeometry and Mural Paintings in Ancient Peru: A Transdisciplinary Approach to Apprehend the Prehispanic Artisan Painters
- 9:45 Julie Solometo—Painting as Process: The Context of Mural Production in the Puebloan Southwest
- 10:00 Questions and Answers
- 10:15 Ricardo Morales Gamarra—Murales prehispánicos en la costa

- norte del Perú: la imagen del poder y el poder de la imagen
- 10:30 Cherra Wyllie—Classic Veracruz Mural Painting
- 10:45 Susan Milbrath and Carlos Peraza Lope— Postclassic Murals of Mayapan as a Mirror of Cultural Transformation
- 11:00 Tamara Bray—Archaeology, Identity and Art: The Caranqui Murals of Ibarra, Ecuador
- 11:15 Kelley Hays-Gilpin—Ancient, Modern, and Post-Modern: Pueblo Mural Painting of the Southwestern U.S.
- 11:30 Gabrielle Vail—Gender Ideologies in Zapatista Maya Murals and Postclassic Mural Programs from the Eastern Maya Seaboard
- 11:45 Lisa Trever—Discussant

[304] SYMPOSIUM ■ SOCIETY AND ECONOMY IN THE HOHOKAM WORLD: NEW EVIDENCE AND INSIGHTS FROM CANAL SYSTEM 2, PHOENIX, ARIZONA

Room: Yosemite B

Time: 8:00 AM - 12:00 PM

Chairs: Christopher Garraty and Michael Lindeman

Participants:

- 8:00 Gary Huckleberry—Stratigraphic Evidence for Large Floods in Canal System 2, Phoenix, Arizona
- 8:15 Jerry Howard—Modeling Water Allocation and Scheduling in Canal System 2
- 8:30 Robert Hunt and Scott Ingram—Towards a Food Production Calendar for the Lower Salt Valley
- 8:45 T Kathleen Henderson—Archaeology at the Head of Canal System 2, Phoenix, Arizona
- 9:00 Christopher Garraty—Settlement Dynamics in the Margins of Hohokam Villages in Canal System 2: Recent Investigations at La Ciudad
- 9:15 Mark Hackbarth—Canal System 2's Architecture, Chronology and Irrigation during the Pioneer Period
- 9:30 Michael Lindeman and Connie Darby—Settlement Structure at La Villa: A Preclassic Hohokam Village
- 9:45 Leslie Aragon—We've Gotta Get Out of this Place: Formation and Resettlement of a Pre-Classic Hohokam Village
- 10:00 Douglas Craig, John Marshall and Brent Kober—From La Villa to Pueblo Grande: Corporate Descent Groups and Property Rights Along Canal System 2
- 10:15 Glen Rice—The Interaction of Hohokam Ideology and Religious Beliefs in the Hohokam Practice of Dual Cemeteries

- 10:30 Sophia Kelly—Evaluating Multi-Sector Supply and Demand on Canal System 2 as a Component of a Complementary Hohokam Economy
- 10:45 Christopher Watkins—Hohokam Fieldhouses and Agricultural Labor
- 11:00 Mary Ownby and James Heidke—Chronological Changes in Pottery Production in the Phoenix Basin: Evidence from La Villa
- 11:15 Joshua Watts—Pots, Middlemen, and the "Shopkeeper" Hypothesis in the Hohokam Sedentary Period
- 11:30 Henry Wallace—Discussant
- 11:45 David Abbott—Discussant

[305] SYMPOSIUM ■ ARCHAEOLOGICAL APPROACHES TO SUBJECTIFICATION

Room: Imperial Ballroom A

Time: 8:00 AM - 12:00 PM

Chair: Steve Kosiba

Participants:

- 8:00 Steve Kosiba—Killing Time, Becoming Inca: Subject Creation and Monument Construction in Ancient Cuzco
- 8:15 Susan Gillespie—Blocks, Bricks, and Material Practices of Inter-Subjectification at La Venta, Mexico
- 8:30 Mary Weismantel—Drinking Power: Moche Tombs as Sites of Subjectification
- 8:45 Melissa Rosenzweig—The Negotiation of Political Subjectivity in the Neo-Assyrian Empire
- 9:00 John Janusek—The Earthly Production of Fleishy Subjects in the South-Central Andes
- 9:15 Melissa Baltus, Sarah Baires and Timothy Pauketat—Religious Subjects and Gendered Transformations at the Native American City of Cahokia
- 9:30 Nathaniel VanValkenburgh—Gardens and Forking Paths: A Genealogy of Landscape and Subject Formation in the Zaña Valley, Peru
- 9:45 Diana Loren—Defining and Divining the Healthy Body: Materialities of Body and Wellness in the 18th Century Spanish New World
- 10:00 Francois Richard—What's an (Archaeological) Peasant? Notes on Rural Subjectivities in Atlantic Africa
- 10:15 Mark Hauser—Water, Hospitality and Difference in Everyday Life
- 10:30 Barbara Voss—Subjectification and the Archaeology of

- Violence: The 19th Century Anti-Chinese Movement in San Jose, California
- 10:45 Stacey Camp—The Archaeology of First Generation Japanese American Men at an Idaho WWII Internment Camp
- 11:00 Mark Leone—The Spirit of Wye House
- 11:15 Questions and Answers
- 11:30 Adam Smith—Discussant
- 11:45 Rosemary Joyce—Discussant

[306] SYMPOSIUM ■ CONTEXTUALIZING MAYA HISTORY AND ARCHAEOLOGY PART I: REFLECTIONS ON THE 25TH ANNIVERSARY OF FOREST OF KINGS

Room: Continental Ballroom 5

Time: 9:00 AM - 12:00 PM

Chair: M. Kathryn Brown

Participants:

- 9:00 Frank Reilly and David Freidel—Middle Formative Origins of the Early Classic Period Stela Cult
- 9:15 Jaime Awe—The Evolution of Anthropomorphic Imagery at Cahal Pech, Belize and its Implications for the Rise of Kingship in the Middle Preclassic Maya Lowlands
- 9:30 Debra Walker—Branching Out: Cerro Maya as a Strategic Link in a Preclassic Maya Exchange Network
- 9:45 M. Kathryn Brown and Jason Yaeger—The Coming of Kings in the Belize River Valley
- 10:00 Francisco Estrada-Belli—The Rise and Fall of Maya Kingdoms in the Holmul Region
- 10:15 Questions and Answers
- 10:30 Olivia Navarro-Farr, Francisco Castaneda, Griselda Perez and Juan Carlos Perez—A Forest of Queens: The Legacy of Royal Calakmul Women at El Perú-Waka's Central Civic-Ceremonial Temple
- 10:45 Michelle Rich—From A Forest of Kings to the Forests of Petén: The Mirador Group at El Perú-Waka'
- 11:00 Marcello Canuto—From "Star Wars" to Attack of the Kaan
- 11:15 Stanley Guenter—On the Fall of Copan, Teotihuacan, and the Origins of the Fate of 8 Ahau
- 11:30 Annabeth Headrick—Empire at Chichen Itza Revisited
- 11:45 Kathryn Reese-Taylor and Julia Guernsey—Situating the Narrative Style and Legacy of A Forest of Kings

[307] GENERAL SESSION ■ ARCHAEOLOGIES OF IDENTITY AND HUMAN EXPERIENCE IN THE PAST**Room:** Golden Gate 6**Time:** 9:45 AM - 12:00 PM**Chair:** Caroline Gabe**Participants:**

- 9:45 Elliot Lopez-Finn—Defining the Red Background Style: The Production of Object and Identity in an Ancient Maya Court
- 10:00 Colin LeJeune—Local Earthenware Ceramic Decoration and Cultural Transformation on Kenya's Swahili Coast, AD700–1700
- 10:15 Caroline Gabe—A Life in the Mountains: Spanish Identity in 17th c. New Mexico
- 10:30 David Rogoff—Combating Researcher Bias in Archaeological Investigations of Identity
- 10:45 Ryan Hechler and William Pratt—Representing Difference in the Pre-Columbian Andes: An Iconographic Examination of Physical "Disability"
- 11:00 Linda Ziegenbein—Turning a Blind Eye: Thoughts on an Archaeology of Disability
- 11:15 Dylan Clark—Believing is Seeing
- 11:30 Frank Winchell—The Butana Group in Comparison with the Predynastic and Late Neolithic Groups in the Nile Valley and Adjacent Areas of the Sahel and Sahara: A Look at How Ceramics Can be Used to Differentiate Socioeconomic, Ethnic, and Political Differences
- 11:45 Elizabeth DeMarrais—The Materiality of Emotion: Steps Toward Understanding Affective Experience in the South Andes

[308] FORUM ■ CARING FOR KNOWLEDGE ON STONE: ROCK ART CO-MANAGEMENT WITH INDIGENOUS AND LOCAL COMMUNITIES*(Sponsored by Indigenous Populations Interest Group and Committee on Native American Relations)***Room:** Golden Gate 7**Time:** 10:00 AM - 12:00 PM**Moderator:** Sonya Atalay**Participants:**

- Connie Reid—Discussant
- Stacy Tchorzynski—Discussant
- Shannon Martin—Discussant
- John Graveratte—Discussant

[309] SYMPOSIUM ■ THE STUDY OF BIOLOGICAL MICROREMAINS AS A TOOL FOR RECONSTRUCTING PALEOENVIRONMENT IN HUMAN TRANSITION PERIODS

Room: Union Square 25

Time: 10:15 AM - 12:00 PM

Chairs: Rosa-Maria Albert, Breanne Clifton and Marta Portillo

Participants:

- 10:15 Breanne Clifton—Discussant
- 10:30 Breanne Clifton, Marta Portillo Ramirez and Rosa Maria Albert—Phytolith Processing Methods and the Affects upon Results
- 10:45 Cody Dalpra, Linda Scott Cummings, R.A. Varney, Peter Kovácik and Jennifer Milligan—Micro Analyses of 17th Century Adobe Bricks from the “New” Church at Pecos, New Mexico
- 11:00 Terry Ball, Luc Vrydaghs, Akos Peto, Madison Pierce and AnnaLisa Davis—Identifying Triticeae Taxa in Soil and Ceramic Thin Sections through Morphometric Analysis of Articulated Dendritic Phytolith Wave Patterns
- 11:15 Luc Vrydaghs, Yannick Devos and Jean-louis Slachmuylders—Does Phytolith Analysis of Archaeological Soil Thin Sections Account for Archaeobotanical Data?
- 11:30 Alexandre Chevalier, Danièle Lavallée and Michèle Julien—From Foragers to Producers: Desert Gardening at the Archaic Peruvian site of Quebrada de Burros
- 11:45 Linda Scott Cummings—Discussant

[310] POSTER SESSION ■ CALIFORNIA ARCHAEOLOGY

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 310-a Margie Burton, Patrick Quinn and Rhiannon Byrne-Bowles—Ceramic Distribution, Migration, and Social Interaction at Mine Wash, a Late Prehistoric (1300–200 BP) Seasonal Habitation Site in San Diego County, California
- 310-b Thomas Garlinghouse, Sarah Peelo, Linda Hylkema and Clinton Blount—Persistence and Change: Evidence from the Indian Rancheria at the Third Mission Santa Clara de Asis
- 310-c Scott Sunell and Jeanne Arnold—The Antecedents to the Specialized Microdrill Industry on Santa Cruz Island, CA
- 310-d Emily Long—Elevation, What's the Point?: A Preliminary Study of Selected Obsidian Projectile Points Collected from Varying Elevations at Sequoia and Kings Canyon National Parks

- 310-e Alexandra Cox—The UseWear Analysis of the Blue Lake Museum Lithic Collection
- 310-f Mark Everett, Timothy S. de Smet, Robert Warden, Tanya Komar and Jason Hagin—Ground-Penetrating Radar and Terrestrial Laser Scanning Reconstruction of the Prison and Civil War Era Historic Fortifications on Alcatraz Island
- 310-g Nancy Wiley and Rezenet Moges—Stone Geometrics: An Inclusive Typology Matrix for Californian and Chilean Cogged Stones
- 310-h Andrew Garrison, Connie "Destiny" Colocho and Nancy "Anastasia" Wiley—Getting into the Groove: Replicating the Southern California Cogged Stone
- 310-i Connie "Destiny" Colocho, Andrew Garrison and Nancy "Anastasia" Wiley—Identifying Ground Stone Production at Bolsa Chica through Hammerstone Analysis
- 310-j Kelly Beck—Ecological Baselines, Long-Term Population Histories, and the Zooarchaeological Record

**[311] POSTER SESSION ■ FROM COLONIAL TO CONTEMPORARY:
ARCHAEOLOGY OF THE RECENT PAST IN THE UNITED STATES**

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Participants:

- 311-a Katherine Thomas—A Comparative Analysis of a Potential Tavern Site in Jackson, North Carolina
- 311-b Hannah Guidry—Archaeological Investigation and Relocation of a Slave Cemetery at the Nashville Zoo, Davidson County, Tennessee
- 311-c David Cranford and Mary Elizabeth Fitts—Trends in Catawba Architecture, ca. 1750–1820
- 311-d Raymond Doherty, John F. Lieb and Brad Lieb—Good Fare and Tribal Affairs: The George and Saleeche Colbert Site
- 311-e Melissa Hallihan and Jenny Fucillo—The Hidden Life of Notre Dame: A Study in Library Graffiti
- 311-f Colleen Beck, Lauren W. Falvey and Harold Drollinger—Protest Graffiti at the Historic Nevada Peace Camp
- 311-g Kenneth Kelly—"The City's Gone—Nought...Remaining to Disclose the Site of this Forgotten Babylon:" Ephemeral Architecture and Identity at Black Rock City. (Apologies to Horace Smith; "Ozymandias")
- 311-h Susan Edwards and Jeffrey Wedding—Twentieth Century Geoglyphs—Military Training Targets of World War II

- 311-i Dylan Kemp, Kelly Dixon and Nikki Manning—Urban Landscapes: Social, Cultural, and Ecological Heritage
- 311-j Amy Margaris, Mark Rusk, Patrick Saltonstall and Molly Odell—The Archaeology of a Russian Period Alutiiq Work Camp on Kodiak Island, Alaska
- 311-k Kellii Casias and Kelly Dixon—Informal Economic Strategies during Alcohol Prohibition In Anaconda, MontanaAlcohol Prohibition
- 311-l Nicholas Kessler—Documenting the Legendary 1844 Flood from a Kaw Village in the Kansas River Valley
- 311-m Lylliam Posadas Vidales—We Want In on This: Contemporary Queer Archaeology and the Preservation of Queer Cultural History
- 311-n Casey Hanson—Illicit Trade Networks in Spanish Texas
- 311-o Heather Trigg and Stephanie Hallinan—Investigating Activities in Spanish Colonial Ranches in 17th-Century New Mexico
- 311-p Rachel Hensler—Ceramic Variability in the Ocmulgee River Big Bend Region of Georgia, Post 1540

[312] POSTER SESSION ■ THE HOUSEPIT 54 PROJECT AT BRIDGE RIVER, BRITISH COLUMBIA: ARCHAEOLOGICAL PERSPECTIVES ON DEMOGRAPHY, CULTURAL INHERITANCE, AND HOUSEHOLD HISTORY
Room: Grand Ballroom A
Time: 10:30 AM - 12:30 PM
Chairs: Anna Prentiss and Kristen Barnett

Participants:

- 312-a Anna Prentiss and Kristen Barnett—The Ancient Floors of Housepit 54, Bridge River Site: Stratigraphy and Dating
- 312-b Nathaniel Perhay, Anna Prentiss, Thomas Foor, Nathan Goodale and Matthew Walsh—One Group or Many? Cultural Inheritance at Housepit 54, Bridge River Site, British Columbia
- 312-c Sarah Howerton, Anna Prentiss, Thomas Foor, Kristen Barnett and Matthew Walsh—A Demographic History of Housepit 54, Bridge River Site, British Columbia
- 312-d Matthew Walsh—Variation in Animal Predation and Processing Strategies at the Bridge River Winter Pithouse Village (EeR14) Thru Time: A Zooarchaeological Analysis of Subsistence Change
- 312-e Emilia Tifental and Hannah Cail—The Dogs of Housepit 54: A Taphonomic Analysis of Recovered Canine Remains at Bridge River, British Columbia
- 312-f Antonia Rodrigues, Camilla Speller, Anna Prentiss and Dongya

- Yang—Dog Coprolites as a Source of Dietary and Genetic Information at the Bridge River Site, BC
- 312-g Natasha Lyons, Anna Marie Prentiss, Naoko Endo, Dana Lepofsky and Kristen Barnett—Plant Use Practices of an Ancient St'át'imc Household, Bridge River, British Columbia
- 312-h Sarah Nowell and Anna Prentiss—Variation in the Lithic Technological Organization Accompanying Household Expansion at Housepit 54, Bridge River site, British Columbia
- 312-i Lorena Craig—Lithic Raw Materials Procurement and Exchange at Housepit 54, Bridge River Site, British Columbia: What a Diachronic Perspective Reveals
- 312-j Molly Eimers—The Groundstone Artifacts of Housepit 54, Bridge River Site, British Columbia
- 312-k Ethan Ryan, Thomas A. Foor, Kristen D. Barnett, Pei-Lin Yu and Matthew Schmader—Household Hearth-Centered Activity Areas at the Bridge River Site, British Columbia: Formation Processes and Site Structure
- 312-l Kevin Castro, Nathan Goodale, David Bailey, Anna Prentiss and Alissa Nauman—Linking Geochemistry and Geology in Interpreting Anthropogenic Sediments at Bridge River, British Columbia
- 312-m Kristen Barnett—Housepit 54 through an Indigenous Framework: A Holistic Interpretation of an Ancient Traditional Home
- 312-n Eric Carlson—Continuity and Change between Late Prehistoric and Early Historic Periods: Visually Reconstructing Two Successive Occupations of Housepit 54 at the Bridge River Village Site, Mid-Fraser Region, British Columbia, Canada

[313] POSTER SESSION ■ NEW PERSPECTIVES ON EARLY MIGRATIONS IN THE WESTERN CARIBBEAN

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Chair: Ivan Roksandic

Participants:

- 313-a Matthew Peros, Amy Daradich and Bill Buhay—Reconstructing Caribbean Paleotopography during the Holocene: Implications for Archaeology and Biogeography
- 313-b Leonardo Lechado and Sagrario Balladares—Investigaciones arqueológicas en el Caribe Sur Nicaragüense
- 313-c Sagrario Balladares, Donald Byers and Leonardo Lechado—Proyecto Gran Canal: El patrimonio caribeño nicaraguense

- (cultural y arqueológico) en peligro
- 313-d Mirjana Roksandic, Sagrario Balladares, Leonardo Lechado and Donald Byers—The Earliest Dated Skeletal Remains from the Atlantic Coast of Nicaragua
- 313-e Ivan Roksandic—The Nicaraguan Rise and the Problem of Early Peopling of the Greater Antilles
- 313-f David Smith—The Contribution of Canimar Abajo, Cuba to an Understanding of Early Populations in the Greater Antilles
- 313-g Sheahan Bestel—Starch in Cuba
- 313-h Bill Buhay, Yadira Chinique de Armas, Mirjana Roksandic, Roberto Rodriguez Suarez and David Smith—Bayesian Probability Weaning Age Estimates of Sub-Adults from Canimar Abajo, Cuba
- 313-i Juan Martinez-Cruzado, Edna Tascon-Penaranda, Francez Curbelo-Canabal, Taras Oleksyk and Esteban Burchard—Admixture in the pre-Columbian Caribbean
- 313-j Ash Matchett—Ancient DNA Prospecting in the Caribbean: Preliminary Findings and Future Perspectives
- 313-k Jason Yaremko—Indigenous Migration, Diaspora, and Transculturation in Colonial Cuba

[314] POSTER SESSION ■ CERAMICS AS MEANS TO ENDS AND MEANS OF EXPRESSION IN TERMINAL CLASSIC NORTHWESTERN HONDURAS

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Chair: Edward Schortman

Participants:

- 314-a Jacob Griffith-Rosenberger, Reagan Neviska and Chelsea Katzeman—Fashioning Meaning through Ceramic Candeleros in the Terminal Classic Naco Valley, Northwestern Honduras
- 314-b Edward Schortman and Patricia Urban—Through a Smoke Cloud Darkly: The Possible Social Significance of Candeleros in Terminal Classic Naco Valley Society
- 314-c Caroline Del Giudice, Patricia Urban and Edward Schortman—Is It Hot Enough Yet? Reconstructing Firing Temperatures for Prehistoric Honduran Ceramics through Re-Firing Experiments
- 314-d Patricia Urban—Variations in Late and Terminal Classic Ceramic Firing Facilities within Southeastern Mesoamerica
- 314-e Marne Ausec, Patricia Urban, Jacob Griffith-Rosenberg, Reagan Neviska and Chelsea Katzeman—Birds, Monkeys, and Shapes, Oh My!: Investigating Intersecting Motifs on Ceramic Vessels, Stamps, and Candeleros

**[315] POSTER SESSION ■ MATERIALITY, EXPERIENCE, AND “IRISHNESS”:
THE IRISH AND IRISH-AMERICAN EXPERIENCE THROUGH TIME**

Room: Grand Ballroom A

Time: 10:30 AM - 12:30 PM

Chair: Katherine Shakour

Participants:

- 315-a Ryan Lash, Terry O'Hagan, Elise Alonzi, Franc Myles and Anne Wildenhain—A Pilgrimage Lost and Found: Cultivation and the Cult of Saint Leo on Inishark, Co. Galway
- 315-b Elise Alonzi, Ryan Lash, Terry O'Hagan, Anne Wildenhain and Ian Kuijt—The Salmon of Knowledge: Determining the Influence of Marine-Derived Isotopes on the Diets of Medieval and Early Modern Irish Populations
- 315-c Meagan Conway and Ian Kuijt—Dynamic Households on the Irish Frontier: An Archaeology of the 18th–19th Century West Coast
- 315-d Sara Morrow, Ian Kuijt and Katie Shakour—Materialized Mourning: House Wakes and Pipe Use on Inishark and Inishbofin, County Galway, Ireland
- 315-e Lauren Couey, Ian Kuijt, Liam Murphy and Max Lopez—Illuminating Invisible Houses: Using Ground-Penetrating Radar and Three-Dimensional Geospatial Modeling to Reconstruct 19th century Irish Homes, Inishark, Co. Galway, Ireland
- 315-f Meredith Chesson and Annmarie Lindzy—“Made to Grow Old”: Dressers, Delph, and Island Homes in Western Ireland
- 315-g Andrew Webster—Irish Immigration and Urban Transformation in a Boston City Neighborhood

[316] GENERAL SESSION ■ THE STUDY OF LANDSCAPES IN BELIZE: GIS, LIDAR AND VIRTUAL REALITY

Room: Golden Gate 4

Time: 10:45 AM - 12:00 PM

Chair: Jeffrey Vadala

Participants:

- 10:45 Daniel Savage, Gyles Iannone, James Conolly and Jack Barry—Keep your Boots on: LiDAR as a Reconnaissance and Survey Tool on the Vaca Plateau, Belize
- 11:00 Erik Marinkovich, Ty Swavely, Spencer Mitchell and Sarah Nicole Boudreaux—Investigating Landscapes in the Maya Lowlands: Integrating Geospatial and Environmental Sciences to Identify Archaeological Features in Northwestern Belize
- 11:15 Jack Barry, Gyles Iannone, James Conolly and Dan Savage—

- Using GIS to Explore the Strategic Location of Ancient Maya Centers within the Vaca Plateau of Western Belize
- 11:30 Marisol Cortes-Rincon, Adam Forbis, Erik Marinkovich, Kyle Ports and Robert Foster, Jr.—Geospatial Analysis of Material Procurement and Distribution in the Hinterlands of Northwestern Belize
- 11:45 Jeffrey Vadala—Using VR Phenomenological Landscape Analysis to Explore Diachronic Ritual Space at Cerros, Belize

[317] GENERAL SESSION ■ ARCHAEOLOGY OF CENTRAL MEXICO

Room: Yosemite C

Time: 10:45 AM - 12:00 PM

Chair: Tatsuya Murakami

Participants:

- 10:45 Tatsuya Murakami, Shigeru Kabata, Julieta M. López J., José Juan Chávez V. and Hironori Fukuhara—Early Urbanism in Central Mexico: Preliminary Results of the Tlalancaleca Archaeological Project, Puebla
- 11:00 Ana Morales-Arce and Norma French—Exploring the Ancient Mitochondrial DNA of Pre-Columbian Populations Inhabiting Basin Mexico during the Post-Classic Period (900–1521 AD)
- 11:15 Tom Froese, Carlos Gershenson and Linda Manzanilla—Can government be self-organized? A Mathematical Model of the Collective Social Organization of Ancient Teotihuacan, Central Mexico
- 11:30 Ciprian Ardelean and Juan Ignacio Macías-Quintero—Rockshelters and Caves of Central-Northern Mexico: Archaeological Potential and Limitations, Sources for Paradigms and Landscape Markers
- 11:45 Luis Gomez-Gastelum—Notas para el estudio de la niñez en el antiguo occidente de México II: El caso de Chupícuaro

[318] SYMPOSIUM ■ NARRATIVES AND DISCOURSES ON THE FORMATIVE PERIOD: REFLECTIONS AND NEW EPISTEMOLOGIES FROM THE SOUTH CENTRAL ANDES

Room: Union Square 21

Time: 11:00 AM - 12:00 PM

Chairs: Mauricio Uribe and Estefania Vidal Montero

Participants:

- 11:00 Benjamín Ballester, Estefanía Vidal, Elisa Calás, Constanza Pelegrino and Patricio Aguilera—La materialización de la vida

en comunidad entre los cazadores, pescadores y recolectores marinos que habitaron el litoral del Desierto de Atacama durante los 6000–4000 Cal AP (Norte de Chile)

- 11:15 Alejandra Vidal Elgueta, Magdalena García, Jorge Razeto, Pablo Mendez-Quirós and Mandakovic Valentina—Agriculturas formativas del desierto tarapaqueño
- 11:30 Andres Troncoso—Período Formativo como Ontología: una discusión desde los Andes Septentrionales (30°Lat. S)
- 11:45 Estefania Vidal Montero and Uribe Rodriguez Mauricio—The Formative Process as Discourses of Nature and Culture: The Case of Tarapacá, Atacama Desert (Northern Chile)

[319] SYMPOSIUM ■ NATURAL FORMATION PROCESSES
(Sponsored by Geoarchaeology Interest Group)

Room: Yosemite A

Time: 11:00 AM - 12:00 PM

Chair: Ian Buvit

Participants:

- 11:00 Brian Ostahowski—Environmental Processes and the Archaeological Record along the Louisiana Coast
- 11:15 Ian Buvit—Frozen Ground
- 11:30 F. Scott Worman, Anastasia Steffen and Jeffrey W. Hall—Fires, Landslides, and All Manner of Varmints: Site Formation Processes at High Elevations in the VCNP
- 11:45 Krista Gilliland and Robin Woywitka—Bring on the Boreal: Site Formation Processes and Archaeological Interpretation in Northern Alberta, Canada

[320] GENERAL SESSION ■ MODELING SITE LOCATION AND COMMUNITY ORGANIZATION ALONG THE NORTHWEST COAST OF NORTH AMERICA

Room: Union Square 2

Time: 11:00 AM - 12:00 PM

Chair: Darcy Mathews

Participants:

- 11:00 Bryn Letham—A Refined Relative Sea Level Curve and Paleoshoreline Modelling for the Prince Rupert Harbour Region
- 11:15 Risa Carlson and James Baichtal—Updates and New Discoveries of Early Holocene Predictive Model Sites in the Southern Alexander Archipelago of Southeast Alaska
- 11:30 Darcy Mathews—Depositional Practice and Ancestral Presence

at Edye Point

- 11:45 Robert Gustas—Least Cost Analysis of Peopling Events on the Northwest Coast of North America

[321] GENERAL SESSION ■ HUMAN ENVIRONMENTAL IMPACTS

Room: Continental Parlor 3

Time: 11:00 AM - 12:00 PM

Chair: Kyle Knabb

Participants:

- 11:00 Molly Zuckerman, Nicholas Herrmann and Evan Peacock—Quantifying Pre-Industrial to Mid-Late 20th Century Anthropogenic Lead and Mercury Pollution in Caribbean Marine Environments
- 11:15 Kyle Knabb, Matthew Howland, Tammy Rittenour, Yigal Erel and Thomas Levy—Rethinking The Cultural and Natural Dimensions of Landscape Pollution in the Faynan Valley, Southern Jordan
- 11:30 Daniel Sosna, Lenka Brunclikova and Tomas Urban—Too Loud a Solitude: Landfills in the Landscape
- 11:45 Magdalena Schmid—Colonization Models of Iceland: New Archaeological and Environmental Data

[322] SYMPOSIUM ■ NOT JUST BLOGGING ARCHAEOLOGY - MEDIA AND SOCIAL MEDIA'S INFLUENCE ON ARCHAEOLOGY

Room: Union Square 13

Time: 11:15 AM - 12:00 PM

Chair: Chris Webster

Participants:

- 11:15 Chris Webster—The CRM Archaeology Podcast: Podcasting the Profession and Educating the Public
- 11:30 Brenna Hassett, Suzanne Pilaar Birch, Rebecca Wragg Sykes and Victoria Herridge—Where Does Your Community Live? The TrowelBlazers Experience
- 11:45 Jamie Stott—Archaeological Education and Public Outreach through Social Media

[323] SYMPOSIUM ■ TERMINAL CLASSIC TO POSTCLASSIC IN THE NORTHERN LOWLANDS

Room: Golden Gate 1

Time: 11:15 AM - 12:00 PM

Chair: Dave Johnstone

Participants:

- 11:15 Dave Johnstone—Round Structures: Their Function(s)
11:30 Karleen Ronsairo—Postclassic Chen Mul Fragments from the Cochuah Region, Quintana Roo, Mexico
11:45 Tatiana Young—Architecture and Its Reflection of State Organization and Settlement Pattern in the Cochuah Region during the Terminal Classic Period

[324] GENERAL SESSION ■ CERAMIC STUDIES IN THE SOUTHWESTERN UNITED STATES

Room: Continental Parlor 1

Time: 11:15 AM - 12:00 PM

Chair: Meaghan Trowbridge

Participants:

- 11:15 William Willis and Karen Harry—The Potential Role of Water Salinity in Limestone Tempered Logandale Gray Ware Ceramic Production in the Moapa Valley, Nevada: An Experimental Approach
11:30 Meaghan Trowbridge and Lori Stephens Reed—Looking through the Local Lens: Recognizing Southern Chuska Valley Production of Mesa Verde Style Pottery
11:45 Isabel Starr, James McGrath and Will Russell—Depictions of Human Facial Decoration on Mimbres Pottery as an Indication of Social Affiliation

Saturday Afternoon ■ April 18, 2015**[325] SYMPOSIUM ■ POST-CONFLICT ARCHAEOLOGY****Room:** Continental Ballroom Parlor 9**Time:** 1:00 PM - 1:30 PM**Chair:** Paul Newson**Participants:**

- 1:00 Paul Newson and Ruth Young—The Archaeology of Conflict Damaged Sites: Hosn Niha in the Biqa' Valley, Lebanon
- 1:15 Chris McDaid—Pre-Conflict Planning for Cultural Property Protection in the Event of Armed Conflict

[326] GENERAL SESSION ■ ARCHAEOLOGY OF THE AMAZON REGION**Room:** Union Square 14**Time:** 1:00 PM - 2:00 PM**Chair:** Fernando Ozorio De Almeida**Participants:**

- 1:00 Myrtle Shock and Filippo Stampanoni Bassi—Borderlands in the Amazon Forest: Can We Draw Boundaries?
- 1:15 Francisco Antonio Pugliese, Carlos Augusto Zimpel Neto, Thiago Berlanga Trindade, Tiago Hermenegildo and Laura Pereira Furquim—Sol de Campinas Site and the Cultural Variability in Southwestern Amazon: Moundbuilders and Archaeological Earthworks in Acre State—Brazil
- 1:30 Carlos Zimpel, Francisco Pugliese, Thiago Hermenegildo, Gabriela Carneiro and Myrtle Shock—Guaporé River: Shell Mounds, Earthworks and the Explanation of the Archaeological Record
- 1:45 Fernando Ozorio De Almeida, Guilherme Mongeló and Eduardo Góes Neves—The Archaeology of Meaningful Places in Amazonia: the Teotônio Site (Upper Madeira Basin)

[327] GENERAL SESSION ■ STUDIES OF ARTIFACTS AND DOCUMENTS IN HISTORICAL ARCHAEOLOGY**Room:** Continental Parlor 2**Time:** 1:00 PM - 2:15 PM**Chair:** Nancy Garner**Participants:**

- 1:00 Nicholas Triozzi, Henry Towbin and Glen Keeton—More Than a Rusty Nail: Archaeometric Analysis of Wrought Iron Nails from Fallen Tree, St. Catherines Island, Georgia

- 1:15 Kim Christensen—‘Authenticity, Repurposed’: Mason Jars, Archaeology, and Contemporary Narratives
- 1:30 Nancy Garner and H. Thomas Foster, II—Interactions with the Lower Creek: Historic Document Quantification
- 1:45 Martin Schmidheiny—Seeing Red: Characterizing Historic Bricks at Sylvester Manor, Shelter Island, New York 1652–1735
- 2:00 Jennifer Stuck, Claudio Carini, Beatrice Villagomez and Jerry Moore—Penetrating the Old Woman’s Gun: A GPR and Artifact Analysis of a Mexican American War Battlefield Site

[328] SYMPOSIUM ■ MIGRATION AND MOBILITY IN THE NEW WORLD

Room: Continental Ballroom Parlor 8

Time: 1:00 PM - 2:45 PM

Chairs: Jessica Stone and Adrienne Offenbecker

Participants:

- 1:00 Adrienne Offenbecker, Jane H. Kelley and M. Anne Katzenberg—The Relationship between Violence and Geographic Origins at Casas Grandes, Chihuahua, Mexico: Preliminary Results from Strontium Isotope Analyses
- 1:15 Neill Wallis and Thomas Pluckhahn—Assessing Mobility and Social Interactions through Integrated Analyses of Complicated Stamped Pottery in the American Southeast
- 1:30 Linda Bentz and Todd J. Braje—Fighting the Tigers: Chinese Mobility as Resistance during the Exclusion Era
- 1:45 W. Haas—Forager Mobility in Constructed Environments
- 2:00 Jessica Stone, Dennis O’Rourke, Justin Tackney, John Krigbaum and Scott Fitzpatrick—Prehistoric Population Mobility in the Caribbean: Genetic and Isotopic Investigations at Grand Bay, Carriacou, West Indies
- 2:15 Michelle LeFebvre, Birgitta Kimura and Susan deFrance—Pre-Columbian Human Mobility and Interaction in the Caribbean: A Zooarchaeological and Ancient DNA Study of Guinea Pigs
- 2:30 John Krigbaum—Discussant

[329] DEBATE ■ ARTIFACT IDENTIFICATION AS OUTREACH

(Sponsored by Public Archaeology Interest Group and the Committee on Ethics)

Room: Union Square 13

Time: 1:00 PM - 3:00 PM

Moderator: Meredith Langlitz

Participants:

Charles Ewen—Discussant
 Sarah Miller—Discussant
 Amalia Perez-Juez—Discussant
 Bonnie Pitblado—Discussant
 William Reed—Discussant

[330] FORUM ■ OUT IN THE FIELD: QUEER EXPERIENCES AND CHALLENGES IN ARCHAEOLOGY

(Sponsored by Queer Archaeology Interest Group)

Room: Golden Gate 4

Time: 1:00 PM - 3:00 PM

Moderators: R. Kyle Bocinsky and Ann Danis

Participants:

Anna Prentiss—Discussant
 Dawn Rutecki—Discussant
 David Ellis—Discussant
 Eleanor King—Discussant
 Kelsey Reese—Discussant
 Shawn Lambert—Discussant
 Terry Hunt—Discussant

[331] GENERAL SESSION ■ ARCHAEOLOGY AND ZOOARCHAEOLOGY IN THE MIDWEST AND GREAT LAKES REGION

Room: Yosemite B

Time: 1:00 PM - 3:00 PM

Chair: Kyra Pazan

Participants:

- 1:00 G. Logan Miller—Perishable Technology in the Great Lakes Region during the Late Pleistocene: Evidence from Microwear Analysis
- 1:15 Mackenzie Miller—A Re-Evaluation of Oneota Cultural Phases in the La Crosse Locality
- 1:30 Jennifer Picard and Rachel McTavish—Ecology, Culture, Conflict and Diet: Comparisons of Two Late Prehistoric Sites in Southeastern Wisconsin
- 1:45 Kyra Pazan and Robert A. Cook—Diet at the Edge of Fort Ancient: Preliminary Faunal Analysis from an Unusually Positioned House at the Guard Site, Dearborn County, Indiana
- 2:00 Beverley Smith—Loon, Fish, and Beaver: Inland Lake Subsistence and Settlement from the Northern Lower Peninsula of Michigan

- 2:15 Bryan Dull, Mark Schurr, Terrance Martin and Tamatha Patterson—A Hunter's Paradise: A Zooarchaeological Analysis of Hunting Practices in the Kankakee Marsh
- 2:30 Allison Byrnes, Allen Quinn and David Pedler—The Ripley Site Midden: Iroquoian Refuse Disposal in Chautauqua County, Western New York
- 2:45 Jason King, Jason Herrmann, Jane Buikstra and Taylor Thornton—Ground-Penetrating Radar Survey and Excavation of the Golden Eagle (11C120) Embankment

**[332] GENERAL SESSION ■ BIOARCHAEOLOGY AND MORTUARY
ARCHAEOLOGY IN EUROPE**

Room: Golden Gate 6

Time: 1:00 PM - 3:15 PM

Chair: Rachel Scott

Participants:

- 1:00 Jess Beck—Commingle, Communal and Complex: Reconstructing Iberian Copper Age Mortuary Practices
- 1:15 Christina Warinner, Jessica Hendy, Camilla Speller and Matthew Collins—Direct Evidence of Milk Consumption from Ancient Human Dental Calculus
- 1:30 Emily Elizabeth Graff—Garum and Graves: Bioarchaeological Interpretation of Cremations and Mortuary Architecture
- 1:45 Juliette Mitchell and Gordon Noble—Early Medieval Landscapes of the Dead: The Monumental Pictish Barrows of North-East Scotland
- 2:00 Matczak Magdalena—Osteobiographies of Two Peculiar Women from Early Medieval Poland
- 2:15 Amy MacKinnon, Eric J. Bartelink and Nicholas V. Passalacqua—Asturias Across Time and Space: An Exploration of Medieval and Early Modern Spain Using Stable Isotopes
- 2:30 Niamh Daly—Till Death Do Us Part: A Bioarchaeological Investigation of Female Kinship Ties in Early Medieval Ireland
- 2:45 Rachel Scott and Finola O'Carroll—Catholic Burial as Native Resistance in Post-Dissolution Ireland
- 3:00 Brooke Creager—Problematizing Religious Transformation: Burial Evidence for the Transition to Christianity

**[333] GENERAL SESSION ■ CLIMATE CHANGE AS AN ARCHAEOLOGICAL
SUBJECT**

Room: Golden Gate 2

Time: 1:00 PM - 3:15 PM

Chair: Scott Ingram

Participants:

- 1:00 Jordan Myers—Holocene Precipitation Variability in Northern Baja California: Correlating Lithic Abundance and Climatic Change from Scorpion Shelter
- 1:15 Margo Schwadron—Battling the Rising Sea: Investigation and Protection of Turtle Mound, Castle Windy and Seminole Rest Shell Mound Sites
- 1:30 Jeffrey Baker—Population, Climate Change, and Agriculture in the Late First Millennium C.E. Maya Lowlands
- 1:45 Joseph Gingerich, William Childress, Daniel Wagner and Michael Johnson—Archaeological and Geomorphic Investigations of Paleoindian Sites near Smith Mountain, VA
- 2:00 Elizabeth Olson, Justin Dodd and Mario Rivera—Tree Ring Isotope Record of Climate Change at the Ramaditas site in the Atacama Desert of Northern Chile
- 2:15 Laura Crawford—Thule Response to Climate Change at Cape Espenberg, Alaska, CE 1500–1700
- 2:30 Ashley Smallwood, Thomas Jennings, David Anderson and Jerald Ledbetter—Testing for Evidence of Paleoindian Responses to the Younger Dryas in Georgia
- 2:45 Jay Franklin, Maureen Hays, Frédéric Surmely, Lucinda Langston and Ilaria Patania—Migration Terminus? Late Pleistocene/and Early Holocene Archaeology at Rock Creek Mortar Shelter, Upper Cumberland Plateau, Tennessee
- 3:00 Scott Ingram—How Archaeologists Can Identify Human Resilience and Vulnerability to Climatic Conditions

[334] SYMPOSIUM ■ ENGAGING WITH THE PUBLIC AND THE PAST: THE ARCHAEOLOGICAL LEGACY OF BRIAN FAGAN

Room: Yosemite C

Time: 1:00 PM - 3:30 PM

Chairs: Danielle Kurin and Amber VanDerwarker

Participants:

- 1:00 Chris Scarre—The Comparative Archaeology of the Channel Islands
- 1:15 Karen Schollmeyer and Scott Ingram—Farmers' Responses to Resource Stress and Climate Change in the Prehistoric US Southwest
- 1:30 Douglas Kennett—Past and Present Human Response to Drought in the American West

- 1:45 Daniel Sandweiss—Floods, Famines, and Fagan: Recent Research on El Niño in the Age of Andean States and Empires
- 2:00 Stuart Smith—Gift of the Nile? Climate Change and the Origins and Interconnections of Egyptian Civilization within Northeast Africa
- 2:15 Vernon Scarborough—Crosscultural Archaeology and the Role of the Tropics in Informing the Present
- 2:30 Ian Lindsay—Shifting Human-Environmental Interactions in the Late Prehistoric Periods of Southern Caucasia
- 2:45 Andrew Moore—Brian Fagan, Climate Change and Us
- 3:00 Arlene Rosen—Climates of History in Ancient China: Lessons from Deep-Time and Cross-Cultural Perspectives
- 3:15 Brian Fagan—Discussant

[335] SYMPOSIUM ■ FROM HOUSEHOLDS TO COMMUNITIES: BRIDGING SCALES IN SEARCH OF CONFLICT, COALESCENCE, AND COMMUNITAS

Room: Plaza A

Time: 1:00 PM - 3:30 PM

Chair: Cameron Wesson

Participants:

- 1:00 Cameron Wesson—More than a Matter of Scale: Exploring Relationships between Households and Communities
- 1:15 Gregson Schachner—Seeking New Metaphors for Communities and Households in the Ancestral Pueblo Southwest
- 1:30 Lydia Wilson Marshall—Household to Community, Community to Region: A Multiscalar Approach to Identity and Interaction at Two Fugitive Slave Villages in 19th-Century Kenya
- 1:45 Sarah Kurnick—Discordant Relationships: Household and Community at Callar Creek, Belize
- 2:00 Matt Peebles—Scales of Identity and Scales of Analysis in Western New Mexico
- 2:15 Patrick Ryan Williams—Andean Irrigation Communities: A Comparative Study of Household and Society in Ancient Peru
- 2:30 Anne Underhill—Urbanization and Ceramic Change: An Exploration of the Relationship
- 2:45 Elizabeth Konwest—Where We Live: Houses, Households, Barrios, and Towns in Postclassic Oaxaca
- 3:00 Rahul Oka—Predatory Commerce, Elite Competition: Economic Conflict and the Downfall of Elite Communitas in the Port of Mtwapa, Kenya, 1600–1750 CE
- 3:15 Adam King—Exploring Community Creation at the Mississippian

site of Etowah (9Br1)

[336] SYMPOSIUM ■ COLLABORATIVE AND COMMUNITY ARCHAEOLOGY

Room: Union Square 25

Time: 1:00 PM - 3:30 PM

Chair: Charles Bello

Participants:

- 1:00 Charles Bello—Collaborative and Community-Based Archaeology (Heritage)—Introduction to the Session and Some Views on Successfully Partnering with Indigenous and Local Communities
- 1:15 Katharine Ellenberger—Collaborative Archaeologies in Transformation: Preliminary Results from a Social Network Analysis of Archaeological Practice
- 1:30 David Guilfoyle—Local Contexts, Global Application—A Comparative Analysis of Collaborative and Community Archaeology Projects in Western Australia, British Columbia and Alaska
- 1:45 Debra Corbett, Edward DeCleva, Dara Glass, Alexandra Lindgren and Sherry Keim—Federal Agency and Alaska Native Co-Management of the Sqilantnu Archaeological District, Alaska
- 2:00 Howard Higgins—Consultants Are People Too: Meaningful Consultation and Archaeology
- 2:15 James Herbert and Sean P. Connaughton—Minding the Ideological Gap in Consulting Archaeology
- 2:30 Jennifer Lewis—Applying North American Approaches to Community Archaeology in Khirbet al-Mukhayyat, Jordan
- 2:45 Stephanie Huddleston, Amanda Marshall and Jenny Lewis—On the Front Line: Collaborative Archaeology between CRM Archaeologists, Academics and First Nations Communities
- 3:00 Robert OBoyle, Conrad Fisher and Erich Longie—CRM as Heritage in Communities on the Great Plains: Northern Cheyenne and Spirit Lake Nations
- 3:15 Carolyn Dillian—Discussant

[337] SYMPOSIUM ■ HUMAN-ENVIRONMENT INTERACTIONS & HUMAN ECOLOGY IN WESTERN ARCTIC PREHISTORY

Room: Continental Parlor 3

Time: 1:00 PM - 3:30 PM

Chairs: Rick Knecht, Kate Britton and Charlotta Hillerdal

Participants:

- 1:00 Rick Knecht—Prehistory and Climate Change in Southwest Alaska
- 1:15 Maanasa Raghavan and Eske Willerslev—The Genetic Prehistory of the New World Arctic
- 1:30 Michael Farrell, Daniel Monteith and David Yesner—The Moose Hill Site: The Dynamic Interplay of Climate Change, Marine Productivity, Volcanism, and Cultural Transitions on the Kvichak River, Bristol Bay, Alaska
- 1:45 Kate Britton, Ellen McManus, Rick Knecht, Olaf Nehlich and Mike Richards—Stable Isotope Analysis of Permafrost-Preserved Human Hair and Faunal Remains from Nunalleq, Alaska: Dietary Variation, Climate Change and the Pre-Contact Arctic Food-Web
- 2:00 Paul Ledger and Veronique Forbes—What Can Archaeobotanical Remains from Exceptionally Well Preserved Contexts Tell Us About Past Arctic Life-Ways?
- 2:15 Ana Jorge, James Conolly and Rick Knecht—Soils, Plants and Animals in the Making of Hunter-Gatherer Pottery in Coastal Alaska
- 2:30 Véronique Forbes, Kate Britton and Rick Knecht—Beetle, Lice and Flea Sub-Fossils as Evidence for Resource Exploitation, the Use of Space and Ecological Conditions at the Pre-Contact Eskimo Site of Nunalleq, South-Western Alaska
- 2:45 Charlotta Hillerdal—Nunalleq Past and Present—Discovering a Yup'ik Archaeological Heritage
- 3:00 Warren Jones—Archaeology and Cultural Preservation: A Perspective from a Yup'ik Village
- 3:15 Questions and Answers

[338] GENERAL SESSION ■ MESOAMERICAN RITUAL, ICONOGRAPHY AND MORTUARY ARCHAEOLOGY

Room: Golden Gate 8

Time: 1:00 PM - 3:30 PM

Chair: Erin Thornton

Participants:

- 1:00 Cameron Griffith and Brent Woodfill—All the Underworld's a Stage: Ancient Maya Ritual Stages of Xibalba
- 1:15 Lorraine Williams-Beck—The Center as Cosmos in Early Colonial Period Campeche
- 1:30 Clarissa Cagnato, Olivia Navarro-Farr, Griselda Pérez and Damaris Menéndez—Feeding the Gods, Calling the Rains: Archaeobotanical Remains from a Monumental Fire Shrine at El

- Perú-Waka', Guatemala
- 1:45 Juan Melendez—The Rebirth Of The Maize God: Contextualizing Burial 37 from El Perú-Waka'
- 2:00 Erin Thornton and Arthur Demarest—At Water's Edge: Ritual Maya Animal Use in Aquatic Contexts at Cancuen
- 2:15 Bradley Russell—Of Cenotes and Serpents: Modern and Ancient Cave Ritual at Mayapán, Yucatán, Mexico
- 2:30 Claudia Garcia-Des Lauriers—Masking Practices and Layered Identities in Offering 1 from Los Horcones, Chiapas, Mexico
- 2:45 Kirk Straight—In this Chapel of Ritual: The Life and Death of Temple XIX at Palenque, Chiapas
- 3:00 Anna Novotny, Jaime Awe, Catharina Santasillia and Kelly J. Knudson—Bioarchaeological Analysis of an Ancient Maya Ancestral Context at Cahal Pech, San Ignacio, Belize
- 3:15 Victoria Ingalls—The Power and Narrative of Liminality: The Quadripartite Badge in Maya Iconography

[339] SYMPOSIUM ■ ISLANDS AND INVASIVES: THE ARCHAEOLOGY OF PLANT AND ANIMAL TRANSLOCATIONS

Room: Continental Ballroom Parlor 7

Time: 1:00 PM - 3:45 PM

Chairs: Catherine West and Courtney Hofman

Participants:

- 1:00 Courtney Hofman, Torben Rick and Jesus Maldonado—Tracking Translocations: Interdisciplinary Approaches to Animal Translocations on the California Channel Islands
- 1:15 Jean-Denis Vigne—Islands and Invasives: The Archaeology of Plant and Animal Translocations
- 1:30 Jillian Swift and Patrick Kirch—The Rat's-Eye View: Tracing the Impacts of the Human-Introduced Pacific Rat (*Rattus Exulans*) on Mangareva through Stable Isotope Analysis and Zooarchaeology
- 1:45 Lisa Matisoo-Smith—The Complexities and Implications of Animal Translocations in Pacific Prehistory
- 2:00 Kristina Douglass—Early Human-Environment Dynamics on the Southwest Coast of Madagascar
- 2:15 Naomi Sykes and Holly Miller—Animal Diaspora and Culture Change
- 2:30 Lee Newsom and Lourdes Pérez Iglesias—Ancient Caribbean-Mainland Plant and Animal Translocations: Cultural, Biogeographic and Biodiversity Legacy
- 2:45 Catherine West, Courtney Hofman and Steven Ebbert—Invasive

or Endemic? Management Implications of Archaeological Data
in the Alaska Maritime National Wildlife Refuge

3:00 George Hambrecht—Discussant

3:15 Rosemary Gillespie—Discussant

3:30 Questions and Answers

[340] SYMPOSIUM ■ SOUND OF THEORY

Room: Golden Gate 1

Time: 1:00 PM - 3:45 PM

Chairs: Alice Kehoe and Peter Schmidt

Participants:

1:00 Alice Kehoe—Introduction: Evidence-Based Practice versus
Ivory Tower Careers

1:15 Jonathan Walz—Healing Archaeology

1:30 Philip Kohl—Silence and Noise in the Archaeological Record:
Are Archaeological Understandings Always Underdetermined?

1:45 George Nicholas—"Knowledge without Action...": Shifting
Frames of Reference in Archaeology Theory and Practice

2:00 Audrey Horning—Empirical Honesty and the Ethical Role of
Archaeologists in Divided Societies

2:15 Peter Schmidt—Co-Practice amongst Non-Western Peoples:
Abandoning Theory at Center Stage

2:30 Jagath Weerasinghe—Conserving the Buddhist Stupas and
Religious Nationalism in Sri Lanka

2:45 Carole Crumley—Whose Ancestors, les Gaulois?

3:00 Koji Mizoguchi—Contextualizing the Theory of Archaeological
Theorization

3:15 Stephen Mrozowski—Empirical Imperialism and the
Development of Indigenous Archaeologies

3:30 Dr. Kathryn Arthur—Instigating Technological Knowledge
through an African Ontology

**[341] SYMPOSIUM ■ EXTREME ALPINE FORAGING: EXPLAINING HIGH
ALTITUDE RESIDENCES IN THE GREAT BASIN**

Room: Continental Parlor 1

Time: 1:00 PM - 3:45 PM

Chair: David Thomas

Participants:

1:00 Robert Bettinger—White Mountains Alpine Village Pattern

1:15 David Thomas—Alpine Adaptive and Paleoenvironmental
Change at Alta Toquima (Central Nevada)

- 1:30 David Rhode—Plant Resources in Great Basin High Altitude Foraging
- 1:45 Mark E. Basgall and Bridget Wall—High Elevation Archaeology of the Inyo Mountains in Relation to Adjacent Ranges
- 2:00 Christopher Morgan, Mark Giambastiani, Robert Bettinger and Marielle Black—Environmental Limitations, Alpine Villages and Logistical Strategies in the Northern White Mountains
- 2:15 Michael Delacorte and Mark E. Basgall—More Than a Bivouac, Less Than a Village: Middle Archaic Use of Great Basin Alpine and Other Uplands
- 2:30 William Hildebrandt and Kelly McGuire—Middle Archaic Expansion into High Elevation Habitats: A View from the Southwestern Great Basin
- 2:45 Tod Hildebrandt—Divergent Histories: Prehistoric Use of Alpine Habitats in the Toquima and Toiyabe Ranges, Central Great Basin
- 3:00 Shannon Goshen and Jacob L. Fisher—Bighorn Sheep Processing in the White Mountains, California
- 3:15 Richard Hughes—Looking at High-Altitude Obsidian Use in the Great Basin
- 3:30 Jason Edmonds—Obsidian Sourcing and the Origin of the Occupants of the White Mountains High Altitude Villages

[342] SYMPOSIUM ■ BEDROCK FEATURES (MORTARS, SLICKS AND GROOVES): DOCUMENTATION, ANALYSIS AND INTERPRETATION

Room: Union Square 21

Time: 1:00 PM - 3:45 PM

Chairs: Elizabeth Lynch, Danny Rosenberg and Dani Nadel

Participants:

- 1:00 Danny Rosenberg and Dani Nadel—Bedrock Features and Cupmarks-Bearing Boulders: An Overview of a Natufian and PPNA Phenomenon
- 1:15 Sagi Filin, Vera Miller, Danny Rosenberg and Dani Nadel—Intra- and Inter-Site Geometrical High-Resolution Analyses of Deep Natufian Bedrock Mortars
- 1:30 Dani Nadel, Margie Burton, Jenny Adams, Mark Willis and Laure Dubreuil—Boulders, Outcrops, Caves: A Proposed Method for Documentation of Cultural Landscape Features Demonstrated in San Diego County, California
- 1:45 Samuel Duwe—Groundstone Shrines of the Pueblo Southwest
- 2:00 Alison Damick and Severin Fowles—Ground Stone Landscapes of the Ancestral Pueblo World

- 2:15 Elizabeth Lynch, Tom Noble and Neffra Matthews—Socialized Landscapes of the Southern Plains: Bedrock Ground Stone Surfaces on the Chaquaqua Plateau, Colorado
- 2:30 Amanda Castaneda—Methods for Examining and Creating a Typology of Bedrock Features in the Lower Pecos Canyonlands
- 2:45 Eli Crater Gershtein, Steve Black, Amanda Castaneda, Tammy Boanasera and Daniel Nadel—Shiny Grooved Surfaces: The Case Study of the Skiles Rockshelter, Lower Pecos, Texas
- 3:00 Tammy Boanasera, Jelmer Eerkens, Dani Nadel, Amanda Castaneda and Steve Black—Residues of Ancient Food Preparation in Sheltered Bedrock Features
- 3:15 Brian Hayden—Discussant
- 3:30 Mary Lou Larson—Discussant

[343] SYMPOSIUM ■ HOMOL'OVI: A GATHERING PLACE**Room:** Franciscan CD**Time:** 1:00 PM - 3:45 PM**Chair:** E Adams**Participants:**

- 1:00 E. Adams, Samantha Fladd, Richard Lange and Claire Barker—Back in Time: Research at Rock Art Ranch
- 1:15 Lisa Young—Community Spaces at Pueblo III Pithouse Villages in Northeastern Arizona
- 1:30 Krystal Britt and Richard Lange—The Multi-Kiva Site: A New Perspective on the Pueblo III Period Occupation of the Middle Little Colorado River valley
- 1:45 Byron Estes, Claire S. Barker and Vincent M. La Motta—Ceramics and Social Identity at RAR-2: A Pueblo III Period Site Near Winslow, Arizona
- 2:00 Claire Barker—Communities of Practice and Corrugated Pottery at Chevelon Ruin
- 2:15 Heather Miljour and Karen R. Adams—The Homol'ovi Settlement Cluster (ca. A.D. 1260–1400): Reconstructing Environment and Ancient Hopi Lifeways through Charred Botanical Remains
- 2:30 Samantha Fladd—Access, Accumulation, and Action: The Relationship between Architectural and Depositional Patterns at Homol'ovi I
- 2:45 Saul Hedquist—Ritual Practice and Exchange in the Late Prehispanic Western Pueblo Region: Insights from the Distribution and Deposition of Turquoise at Homol'ovi I
- 3:00 Patrick Lyons—Discussant

- 3:15 William Walker—Discussant
 3:30 Michael Schiffer—Discussant

**[344] SYMPOSIUM ■ CONTEXTUALIZING MAYA HISTORY AND
 ARCHAEOLOGY PART II: REFLECTIONS ON THE 25TH ANNIVERSARY
 OF FOREST OF KINGS**

Room: Continental Ballroom 5

Time: 1:00 PM - 4:00 PM

Chair: Travis Stanton

Participants:

- 1:00 Arlen Chase and Diane Chase—Seventh Century Star Wars:
 Reassessing the Role of Warfare in Shaping Classic Period
 Maya Society in the Southern Lowlands
 1:15 Damien Marken—Revisiting the Archaeology of Palenque: 25
 Years After "The Children of the First Mother"
 1:30 Charles Golden and Andrew Scherer—Revisiting Bird Jaguar
 and the Sajal of the Yaxchilan Kingdom
 1:45 Wendy Ashmore—Macaw Mountain and Ancient Peoples of
 Southeast Mesoamerica
 2:00 Dorie Reents-Budet—Ideology and Power at Copán, Honduras
 2:15 Travis Stanton—Regional Maya Politics in the Late and
 Terminal Classic Northern Lowlands
 2:30 Traci Ardren—Don Pablo, Cha Chaak Ceremonies, and
 Archaeological Interpretation
 2:45 Marilyn Masson, Carlos Peraza Lope, Wilberth Cruz Alvarado,
 Pedro Delgado Ku and Timothy Hare—Closing the Portal at
 Itzmal Ch'en: Termination Rituals at Mayapan
 3:00 David Stuart—Discussant
 3:15 Jeremy Sabloff—Discussant
 3:30 David Freidel—Discussant
 3:45 Questions and Answers

[345] SYMPOSIUM ■ FOOD GLOBALIZATION IN PREHISTORY

Room: Franciscan AB

Time: 1:00 PM - 4:15 PM

Chair: Xinyi Liu

Participants:

- 1:00 Loukas Barton—Social Aspects of the Diffusion of Agricultural
 Products and Practices
 1:15 Dong Guanghui, Ying Yang, Hui Wang, Xiaoyan Ren and Fahu
 Chen—The Introduction and Early Utilization of Barley and

- Wheat in Gansu and Qinghai Provinces, Northwest China
- 1:30 Bryan Hanks, Chuenyan Ng, Roger Doonan, Elena Kupriyanova and Nikolai Vinogradov—Redefining Subsistence Practices and Strategies at the Local and Micro-Regional Scales in the Context of Late Prehistoric Trans-Eurasian Food Globalization
- 1:45 Ofer Bar-Yosef—Discussant
- 2:00 Gayle Fritz—Prospects and Challenges Toward Globalization for Crops in the Eastern Agricultural Complex of North America
- 2:15 Shuzhi Wang, Zenglin Wang, Xuelian Zhang, Maolin Ye and Linhai Cai—The Use of Inner Bark as Food in Prehistory: A Case Study Based on Roll Carbonized Remains Unearthed from Hulija Site, Qinghai Province, Western China
- 2:30 Giedre Motuzaite Matuzeviciute and Martin Kenneth Jones—Earliest Direct Evidence of Crop Consumption in the Central Tian Shan (Kazakhstan and Kyrgyzstan)
- 2:45 Gary Crawford—Discussant
- 3:00 Emma Lightfoot—Why Move Starchy Cereals? Stable Isotope Evidence for the Spread of Crops Across Eurasia in Prehistory
- 3:15 Natalia Przelomska, Harriet Hunt, James Cockram, Frances Bligh and Martin Jones—Human Dispersal or Environmental Selection? Using Genetics to Decode Diversity in Millet Landraces Across Eurasia
- 3:30 Penny Jones, Emma Lightfoot, Martin Jones, Tamsin O'Connell and Cameron Petrie—A Climatic Imperative? Testing the Connection between Climate and Crop Adoption in the Indus and the Hexi Corridor
- 3:45 Diane Lister, Huw Jones, Hugo Oliveira, James Cockram and Martin Jones—West to East—the Spread of Wheat and Barley Cultivation across Eurasia
- 4:00 Martin Jones—Discussant

[346] SYMPOSIUM ■ CRAFTING THE TENOCHCAN IMPERIAL IDENTITY AND STYLE

Room: Golden Gate 3

Time: 1:00 PM - 4:15 PM

Chairs: Emiliano Melgar and Adrian Velazquez

Participants:

- 1:00 Eduardo Matos Moctezuma—Templo y Palacio, lo Humano y lo Divino en la Producción de Tenochtitlan
- 1:15 Eulogio Guzmán—Fabricating Political Constituencies, Artistic Production at the Templo Mayor
- 1:30 Diego Jimenez and Salvador Ruíz-Correa—A New

- Classification of Masks from Guerrero Discovered in the Great Temple of Tenochtitlan
- 1:45 Adrian Velazquez—Crafting the Tenochca Imperial Identity through Manufacturing Shell Objects
- 2:00 Maria De Lourdes Gallardo—Clothing for the Mexica Gods: Shell Garments from the Great Temple of Tenochtitlan
- 2:15 Emiliano Melgar—The Jewelers of the Palace Crafting for the Gods: The Lapidary Objects and the Development of the Imperial Technological Style
- 2:30 Reyna Solis—Spheres of Production of the Lapidary Objects at the Sacred Precinct of Tenochtitlan: The Legitimacy and Extent of the Power of the Aztec Empire
- 2:45 Niklas Schulze—Copper Bells from the Templo Mayor of Tenochtitlan—Imports or Local Production?
- 3:00 Heather Edgar and Corey Ragsdale—Origins of the Templo Mayor Skull Masks
- 3:15 Norma Valentin—The Art of Preserving Skins in the Great Temple of Tenochtitlan
- 3:30 Naoli Victoria Lona—Copal Offering Objects: Manufactured in Tenochtitlan
- 3:45 Frances Berdan—The Technology of Aztec Featherworking: Glyphic Clues in the Florentine Codex
- 4:00 Eduardo Matos Moctezuma—Discussant

[347] SYMPOSIUM ■ LIKE FREJOLES IN A POD: EXAMINING THE CURRENT STATE OF PALEOETHNOBOTANY IN PERU

Room: Golden Gate 7

Time: 1:00 PM - 4:15 PM

Chairs: Katherine Chiou and Lizette Munoz

Participants:

- 1:00 Guy Duke, Victor Vásquez-Sanchez and Teresa Rosales-Tham—Putting Archaeobotany Under the Microscope: A Case Study for Increased Use of Starch-Grain and Residue Analyses on the North Coast of Peru
- 1:15 Dana Bardolph—Paleoethnobotany at Cerro la Virgen: Exploring the Lives of People and Plants at a Chimú Town in the Hinterland of Chan Chan
- 1:30 Katherine Chiou—To Screen or to Float?: Methodological Considerations for Archaeobotanists in Coastal Peru
- 1:45 Hendrik Van Gijsegem, Giacomo Gaggio and Kevin Vaughn—To Feed the Miner and to Feed the Mine: Some Thoughts on the Macrobotanical Assemblage from Mina Primavera, Nasca

- Region, Peru
- 2:00 Lizette Munoz and Brendan Weaver—Methodological Considerations for Examining the “Slave Diet” at Colonial Wine Producing Estates in Nasca, Peru
- 2:15 Kirk Costion, David John Goldstein and Lizette Muñoz Rojas—Social Implications of a Maize-Free Botanical Assemblage in Early Middle Horizon Contexts at the Huaracane Site of Yahuay Alta, Middle Moquegua Valley, Peru
- 2:30 Giacomo Gaggio and Paul Goldstein—“Good to Eat and Good to Think”: Interpreting the Role of Plants in the Tiwanaku Temple of Omo M10, Moquegua, Peru
- 2:45 Matthew Biwer and Donna Nash—A Preliminary Comparison of Paleoethnobotanical Remains from Cerro Baul and Cerro Mejia in the Upper Moquegua Valley, Peru
- 3:00 Geoffrey Taylor—Middle Formative Plant Use on the Taraco Peninsula, Bolivia
- 3:15 BrieAnna Langlie— Parsing out Differential Plant Use among Households during a Period of War in Puno, Peru
- 3:30 Aaron Mayer and Matthew Sayre—Exploring Macrobotanicals of Tenehaha from the Cotahuasi Valley, Peru
- 3:45 Maria Alejandra Korstanje—Discussant
- 4:00 David Goldstein—Discussant

[348] SYMPOSIUM ■ THE SHORT AND THE LONG OF IT: COMBINING TIMESCALES

Room: Golden Gate 5

Time: 1:00 PM - 4:15 PM

Chair: Alasdair Whittle

Participants:

- 1:00 Alex Bayliss—Approaches for Producing Precise Archaeological Chronologies
- 1:15 Zackary Gilmore, Asa Randall and Kenneth Sassaman—Locating Events in Process: A Multiscalar Examination of Early Pottery in the Southeastern U.S. Using Bayesian Statistics
- 1:30 Alasdair Whittle, Nenad Tasic, Wolfram Schier, Eszter Banffy and Alex Bayliss—The Long and Short of It: Timescales for Cultural Change and Transmission in the Vinca Complex of SE Europe
- 1:45 Tim Kohler, Stefani Crabtree and R. Kyle Bocinsky—The Effects of Temporal Coarse-Graining on Inferred Networks of Human Movement
- 2:00 Eszter Banffy, Anett Osztás, Alex Bayliss and Alasdair Whittle—

- A Chronology of Generations? A Site-Based Study from the 6-5th Mill. Settlement and Cemetery of Alsónyék, South Western Hungary
- 2:15 Scott Ortman—Uniform Probability Density Analysis and Population History in the Tewa Basin, New Mexico
- 2:30 Seren Griffiths—Modelling the Chronology of Neolithic Ceramics in Eastern France
- 2:45 Timothy Pauketat and Thomas Emerson—A History of Convergences: Timescales, Temporalities, and Mississippian Beginnings
- 3:00 Arkadiusz Marciniak—Early Farmers' House and Household. Interpreting a Bayesian Chronology for the Anatolian and Central European Neolithic
- 3:15 Randall McGuire and Ruth Van Dyke—Of Braudel & Beams: How Tree-ring Dating Enables the Study of Transformative Social Changes in the Ancient Southwest U.S.
- 3:30 Derek Hamilton, Colin Haselgrove and Chris Gosden—British Iron Age Settlement Chronologies: A View from Danebury Hillfort
- 3:45 Eduardo Neves—Discussant
- 4:00 Questions and Answers

[349] SYMPOSIUM ■ RECENT ADVANCES IN THE SETTLEMENT AND LANDSCAPE ARCHAEOLOGY OF (SOUTH)WEST CHINA AND SOUTHEAST ASIA PART II: THE MICRO PERSPECTIVE OF INTERNAL SETTLEMENT ORGANIZATION AND OBJECT PRODUCTION
Room: Union Square 1
Time: 1:00 PM - 4:15 PM
Chair: Anke Hein

Participants:

- 1:00 Alice Yao and Zhilong Jiang—Grounding an Underground Survey: Paddy Fields and Monumental Bronze Age Shell-Scapes in the Dian Basin, Yunnan, China
- 1:15 Richard Ehrich—Sichuan Life Styles—Traditions and Adaptations in Prehistoric Architecture and Settlement Structure
- 1:30 TzeHuey Chiou-Peng and Jianfeng Cui—Toward a Reconstruction of Early Settlements in Metal Age Yunnan
- 1:45 Michelle Eusebio—Between Manufacturing and Disposal: The Lives of the Pots in the Neolithic and Metal Age Settlements of Southern Vietnam
- 2:00 Alison Carter, Miriam Stark, Piphal Heng and Rachna Chhay—Angkorian Residential Patterns: A View from the Trenches

- 2:15 Francis Allard—Settlement Archaeology in Southeast China during the Han Dynasty: Limitations and Approaches
- 2:30 Lo Chi Kei—Preliminary Study on Western Han Dynasty Settlements in the Lingnan region
- 2:45 Yongxian Li—Centers of Power and Ritual: Discussing the Archaeological Remains from Two Large Zhangzhung-Period Settlements on the Tibetan Plateau
- 3:00 Ran Honglin—The Settlement Remains of Sanxingdui—A Preliminary Study of Chronology and Site Development
- 3:15 Yu Lei—From Settlement to City: Two Issues Related to Phases I of the Site of Sanxingdui, Southwest China
- 3:30 Christophe Pottier—Discussant
- 3:45 Alison Carter—Discussant
- 4:00 Questions and Answers

[350] SYMPOSIUM ■ ADVANCES IN WETLAND ARCHAEOLOGY IN THE AMERICAS

Room: Union Square 2

Time: 1:00 PM - 4:45 PM

Chairs: Eleanor Harrison-Buck and Timothy Beach

Participants:

- 1:00 Eleanor Harrison-Buck—Ancient Maya Wetland Features in the Eastern Belize Watershed
- 1:15 Colleen Hanratty, Thomas Guderjan, Sheryl Luzzader-Beach, Timothy Beach and Samantha Krause—Understanding the Paleogeography and Maya Ditched Fields along the Rio Hondo, Belize and Mexico
- 1:30 Timothy Beach, Sheryl Luzzadder-Beach, Samantha Krause, Melisa Bishop and Duncan Cook—Maya Wetland Fields from 2014 and Earlier Coring Evidence
- 1:45 Samantha Krause, Timothy Beach, Sheryl Luzzadder-Beach and Thomas Guderjan—Maya Wetlands: Natural and Anthropogenic
- 2:00 Lindsay Duncan and Elizabeth Graham—Waste Not, Want Not: A Multi-Proxy Perspective on Soil Formation at Marco Gonzalez, Ambergris Caye, Belize
- 2:15 Robert Griffin, Nicholas Dunning, Tom Sever and William Saturno—Linear Features in the Bajo de Azucar, Guatemala: Multiple Origins and Uses
- 2:30 David Wahl, Lysanna Anderson and Francisco Estrada-Belli—A Late Holocene Environmental Reconstruction from a Wetland in the Northern Holmul Region: Preliminary Results from Laguna

- Ek'Naab, Peten, Guatemala
- 2:45 Maria Bruno—On the Origins of Raised-Field Farming in the Lake Titicaca Basin of the Andes
- 3:00 John Walker—Forest Islands and Raised Fields in the 2nd Millennium BCE Amazon
- 3:15 Delphine Renard, Anne Zangerle and Doyle McKey—Ecological Legacies of Pre-Columbian Raised Fields and Their Implications for Agroecosystems Today
- 3:30 Doyle McKey, Mélisse Durécu, Marion Comptour, Christine Raimond and Axelle Solibiéda—Living Systems of Raised-Field Agriculture in Africa: What Can They Tell Us About Pre-Columbian Systems in the Neotropics?
- 3:45 Anne Pyburn—Discussant
- 4:00 Alfred Siemens—Discussant
- 4:15 B Turner—Discussant
- 4:30 Questions and Answers

[351] SYMPOSIUM ■ RESILIENCE, SUSTAINABILITY AND COLLAPSE IN THE NORTH ATLANTIC

Room: Plaza B

Time: 1:00 PM - 4:45 PM

Chairs: Konrad Smiarowski and Ramona Harrison

Participants:

- 1:00 Brenda Prehal—Missing Bodies and Cat Skeletons: New Perspectives on Ritual in Viking Age Iceland
- 1:15 Frank Feeley—Cod, Sand & Stone: Proto-Industrial Scale, Medieval, Commercial Fishing at Gufuskalar in Western Iceland
- 1:30 Seth Brewington—Long-Term Seabird Exploitation in the Faroe Islands
- 1:45 Thomas McGovern—Hard Times at Hofstadir Iceland: Medieval Climate Impact and Cultural Responses
- 2:00 Ramona Harrison and Árni Daniel Júlíusson—The Gásir Market and the Möðruvellir Farm: A Cross-Disciplinary Approach to the History of Human Ecodynamics in High Medieval Iceland
- 2:15 Andrew Dugmore and Richard Streeter—Landscape Stability, Environmental Resilience and Anthropocene Transformations in Iceland
- 2:30 Jago Cooper—Discussant
- 2:45 Questions and Answers
- 3:00 Ruth Maher, Julie Bond, Stephen Dockrill, Julie Gibson and Jane Downes—The Orkney Islands: Long-Term Human Ecodynamics and Enduring Culture

- 3:15 Christian Madsen—Hierarchy and Human Securities in Norse Vatnahverfi, South Greenland —A Case Study
- 3:30 Jette Arneborg—Vulnerabilities and Failure of Building Resilience in Norse Greenland
- 3:45 Konrad Smiarowski—Climate Change and Resource Management in Eastern Settlement Norse Greenland: Zooarchaeological Perspective
- 4:00 Ian Simpson, Konrad Smiarowski, Christian Madsen and Michael Nielsen—Soil Nutrient Management in Norse Greenland
- 4:15 Jette Arneborg—Discussant
- 4:30 Margaret Nelson—Discussant

[352] SYMPOSIUM ■ ROCK ART RESEARCH: A REGIONAL ANALYSIS
(Sponsored by SAA Rock Art Interest Group)

Room: Yosemite A

Time: 1:00 PM - 4:45 PM

Chair: Mary Gorden

Participants:

- 1:00 Reinaldo Morales—From Borinquen to Barbados: A Caribbean Cave Art Ritual Complex
- 1:15 Michele Hayward, Frank Schieppati and Michael Cinquino—Lesser Antillean Rock Art of the Caribbean: A Regional Perspective
- 1:30 Joseph Mountjoy—Huichol Symbolism and the Interpretation of Rock Art in the Western Sierra of Jalisco Mexico
- 1:45 Julio Amador—Animal Symbolism in the Rock Art of the Sonoran Desert
- 2:00 Jon Harman—Using Rock Art to Infer the Migration of Peoples
- 2:15 Elanie Moore—"Beyond the Solstice"
- 2:30 Leigh Marymor and Amy Marymor—Western Message Petroglyphs: Esoterica in the Wild West
- 2:45 Tim Riley—Revisiting the Stylistic Similarities of Utah's Barrier Canyon and Texas' Pecos River Murals
- 3:00 Sarah Baer—Managing Meaning: Mitigation, Monitoring, and Mentoring at a Rock Art Site in the Uinta Basin, Utah
- 3:15 Angus Quinlan—Exploring Nevada Rock Art as a Social Landscape
- 3:30 Kevin Rafferty—The Rock Art of Valley of Fire, Clark County, Nevada
- 3:45 Alan Garfinkel Gold, Geron Marcom and Don Austin—Religious Symbolism In Eastern California Ghost Dance Rock Paintings
- 4:00 Ruth Musser-Lopez—Ancestral Abstract Art of the Mojave

- Desert
- 4:15 Steve Freers—Pictograph Handprint Analysis in Southern California—Stature and Gender Projections
- 4:30 Mary Gorden and Devlin Gandy—Beyond Boundaries: A Discussion of "out-of-place" Yokuts and Chumash Motifs

[353] SYMPOSIUM ■ METHODOLOGY AND INTERPRETATION IN THE ARCHAEOLOGY OF ROCK ART:

(Sponsored by Rock Art Interest Group)

Room: Imperial Ballroom A

Time: 1:00 PM - 5:00 PM

Chair: Lenville Stelle

Participants:

- 1:00 James Keyser—The Hunter's Revenge: Magical Use of a Petroglyph
- 1:15 David Benn—Cosmograms and Archetype Ancestors at the Pierson Creek & Yaremko Sites, Iowa
- 1:30 Jan Simek and Alan Cressler—A Regional Perspective on Mud Glyph Cave Art in Southeastern North America
- 1:45 Anna Roosevelt and Christopher Davis—Doing It the Old-Fashioned Way: Dating Paleoindian Rock Art in Eastern South America
- 2:00 Karen Steelman, Victoria Muñoz, Jeremy Freeman and Carolyn Boyd—Discovering Hidden Layers with X-Ray Vision: New Applications of pXRF to Rock Art Studies
- 2:15 Meg Berry—Digging Deeper: The Use of Rock Art in Archaeological Contexts to Understand Past Lifeways on Murujuga, Northwest Australia
- 2:30 Mark Wagner, Kayeleigh Sharp, Go Matsumoto, Mary McCorvie and Heather Carey—Islands in the Stream: A GIS Study of Prehistoric Ritual Landscapes within Southern Illinois
- 2:45 Ramon Valcarce and Carlos Rodriguez-Rellán—Riders on the Stone
- 3:00 Genevieve Von Petzinger—Following the Signs: Tracking Geometric Rock Art across the Landscape of Upper Paleolithic Europe
- 3:15 Esther Jacobson-Tepfer—Documentation of Rock Art Complexes in the Mongolian Altai: From the Unknown to World Heritage Status
- 3:30 Jodi Reeves Flores and M. Scott Thompson—Managing 'A Mountain' of Rock Art Digital Data
- 3:45 Jeremy Freeman, Victoria Munoz and Carolyn Boyd—

- Preserving Our Legacy: Understanding Transformation Processes for Rock Art Conservation
- 4:00 Erin Pritchard, Johannes Loubser, Jan Simek and L Mashburn—Tennessee Valley Authority Conservation and Management Initiatives at Painted Bluff, Alabama
- 4:15 Christopher Goodmaster and Erin Helton—The Panther Cave Digital Documentation and Visualization Project
- 4:30 Victoria Munoz, Jeremy Freeman and Carolyn Boyd—Taming the Beast: Rock Art Data Management and Archival Strategies
- 4:45 Margaret Conkey—Discussant

[354] SYMPOSIUM ■ IT'S ABOUT TIME: CONTRIBUTIONS IN HONOR OF THOMAS C. WINDES

Room: Continental Ballroom 6

Time: 1:00 PM - 5:00 PM

Chair: Chip Wills

Participants:

- 1:00 Richard Wilshusen—Discussant
- 1:15 Stephen Lekson, Erin Baxter and Catherine Cameron—Architectural Wood Use in Chaco Kivas
- 1:30 Ronald Towner, Gaylen McCloskey, Benjamin Bellorado and Rebecca Renteria—Tree-Ring Dating the Gallina: The Herb Dick Collections and Beyond
- 1:45 Richard Vivian—Windes Matters
- 2:00 Ruth Van Dyke, R. Kyle Bocinsky and Tucker Robinson—Friends in High Places: Windes, Shrines, and Lines of Sight
- 2:15 William Lipe and RG Matson—Woodrats Rule! Climbing and Coring in Southeast Utah Cliff Dwellings
- 2:30 Richard Wilshusen and Mark Tobias—Tracing the Growth of Historic Preservation in the U.S. and the Arc of Tom Windes's Career
- 2:45 Nancy Akins and John Schelberg—Chaco Legacy Studies: Archival Research, Archeomagnetic Dating, and the Role of Turkeys
- 3:00 H. Toll—Still High on Pueblo Alto: Tom Windes' Mounds of Accomplishment
- 3:15 Cory Breternitz—Tom Windes: Celebrating 40 Years of Innovative Research on the Colorado Plateau
- 3:30 Benjamin Bellorado—Beyond the Dates: Reconstructing the Social Histories of Southeastern Utah Cliff Dwellings with Tom Windes
- 3:45 Jacqueline Kocer—An Examination of Gallina Utility Ware:

- Vessel Morphology and Function
- 4:00 Wendy Bustard and Dabney Ford—Windes Was Here
- 4:15 Elizabeth Bagwell—Methods for the Analysis of Structural Wood and Some Examples from NW Mexico—A Paper in Honor of Tomas C. Windes
- 4:30 Jeffrey Dean and Ronald Towner—Tom Windes and Southwestern Dendroarchaeology
- 4:45 Hannah Mattson—The Social Value of Ornaments from Pueblo Bonito and Aztec Ruin

[355] SYMPOSIUM ■ CAVES, SINKHOLES AND CHULTUNS: NEW EVIDENCE FOR THE IMPORTANCE OF EARTH OPENINGS IN ANCIENT MESOAMERICA RELIGION

Room: Continental Ballroom 4

Time: 1:00 PM - 5:00 PM

Chair: James Brady

Participants:

- 1:00 Michael Prout—Subadult Human Sacrifices in Midnight Terror Cave
- 1:15 Cristina Verdugo—Sinking Archaeological Teeth into the Dental Modification Issue: An Examination of Midnight Terror Cave
- 1:30 Holley Moyes, Shayna Hernandez and Lauren Phillips—Little Finds Big Results: The Utility of Small Artifacts in the Spatial Analyses of Looted Sites
- 1:45 Allan Cobb and Jeremy Coltman—A Wind from the Depths of the Earth
- 2:00 Brent Woodfill—The Ritual Reuse of Maya Cave Shrines after Abandonment
- 2:15 Samantha Lorenz, Brandon Lewis, Toni Gonzalez, Bianca Gentil and Joseph Orozco—The Sinkhole as Ch'een: A Closer Look at Ancient Maya Sacred Geography
- 2:30 Richard Nicolas—An Analysis of Lithic Production at the La Milpa Sinkhole (RB-25-A5)
- 2:45 Marilyn Bueno, Ann Scott, Melanie Saldaña and Jocelyn Acosta—Some Methodological Problems with the Study of Non-Urban Caves in Northern Belize
- 3:00 James Brady and Lili Taleghani-Nia—Landscape Archaeology in Northern Belize: The Need for a Critical Reassessment
- 3:15 Aliya Hoff, Dominique Meyer, Michael Hess, Fabio Esteban Amador and Dominique Rissolo—Integrative 3D Visualization for Spatial Analysis and Interpretation of Rock Shelters in Quintana Roo, Mexico

- 3:30 Rebecca Sload—Primacy of the Cave at the Sun Pyramid, Teotihuacan
- 3:45 Daniel Cutrone—The Montezuma Canyon Citadel Complex: A Major Prehistoric Religious Shrine
- 4:00 Mario Giron-Ábrego—Architectural Caves and Glyphic Stepped Platforms
- 4:15 Jon Spenard—Architectural Ambivalence: An Interpretation of the Nohoch Tunich Bedrock Outcrop Complex, Pacbitun, Belize
- 4:30 Donald Slater—Hallowed (under)Ground—Ancient Maya Dark Zone Use Patterns in the Subterranean Realm of Yaxcaba, Central Yucatan, Mexico
- 4:45 Natalia Moragas Segura—Discussant

[356] SYMPOSIUM ■ BUILDING THE HUNTER-GATHERER'S PALEOSCAPE ON THE SOUTH AFRICAN COAST: THE ARCHAEOLOGICAL RECORD

Room: Imperial Ballroom B

Time: 1:00 PM - 5:00 PM

Chairs: Naomi Cleghorn and Curtis Marean

Participants:

- 1:00 Zenobia Jacobs—Pinnacle Point 5-6 and Diepkloof Rockshelter (South Africa): Testing the OSL Ages and Constructing a Standardised MSA Chronology
- 1:15 Kirsty Penkman, Molly Crisp, Beatrice Demarchi, Matthew Collins and Julia Lee-Thorp—Building a Better Eggtimer: Amino Acid Dating of Ostrich Eggshell from South Africa
- 1:30 Erich Fisher, Hayley Cawthra, Justin Pargeter and Jan Venter—The P5 Project Archaeological Reconnaissance along the Pondoland Coast, South Africa
- 1:45 Emily Hallett-Desguez and Curtis Marean—A Comparison of Two African Mediterranean MSA Adaptations: The Cape Floral Region and the Maghreb
- 2:00 Simen Oestmo, Benjamin Schoville, Jayne Wilkins and Curtis Marean—A Middle Stone Age Paleoscape near the Pinnacle Point Caves, Vleesbaai, South Africa
- 2:15 Jayne Wilkins, Kyle S. Brown, Simen Oestmo, Telmo Pereira and Kathryn L. Ranhorn—A High-Resolution ~110,000 Year Middle Stone Age Lithic Technological Sequence from Pinnacle Point, South Africa
- 2:30 Benjamin Schoville, Kyle Brown and Jayne Wilkins—Patterns of Lithic Edge Damage from the Open-Air Middle Stone Age Assemblages at Vleesbaai and Oyster Bay, South Africa
- 2:45 Kyle Brown—Discovering the Trick to Flaking Middle Stone Age

- Tools on Quartzite
- 3:00 Christopher Shelton—Rebound Hardness Results for the Raw Material In and Around Pinnacle Point, South Africa and the Implications Thereof
- 3:15 Jocelyn Bernatchez and James McGrath—The Ochre Assemblage from Pinnacle Point 5-6
- 3:30 Panagiotis Karkanas—Micromorphology Reveals Changing Levels of Site Occupation Intensity at Pinnacle Point 5-6
- 3:45 Aaron Armstrong—Taphonomic Evidence for Human Accumulation of Small Mammals from Pinnacle Point Site 5-6 and Other MSA Sites in South Africa
- 4:00 Jessica Thompson, Jordan Towers and Christopher Henshilwood—Tortoises as Indicators of Diet, Site Formation, and Palaeoenvironments in the Middle Stone Age Record of the Southern African Coast
- 4:15 Jamie Hodgkins—Variation in Butchering Intensity between Glacial and Interglacial Cycles at Pinnacle Point 5-6
- 4:30 Naomi Cleghorn, Thalassa Matthews and Christopher Shelton—The Blind Spot: An Early Later Stone Age Perspective on the Agulhas Bank from Knysna Eastern Heads Cave 1, South Africa
- 4:45 James McGrath—Late Holocene Occupations at the Pinnacle Point Shell Midden Complex

**[357] POSTER SESSION ■ PEOPLING OF THE NEW WORLD AND
ARCHAEOLOGY OF PALEOINDIANS**

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 357-a Kristy Ely—Paleoindian Occupation in the North Dakota National Grasslands: A Geoarchaeological Analysis of Site Preservation and Land-Use
- 357-b Susan Kuzminsky—Cranial Morphological Variation among Paleoamerican Skeletons: A Test of the Coastal Migration Hypothesis
- 357-c Elise Widmayer, Joseph Gingerich and Harry Iceland—A Paleoindian Heavy Stone Analysis at Shawnee-Minisink
- 357-d Richard Anderson—Paleoindian Archaeology in the Little Missouri Badlands: An Update on Research in the Dakota Prairie Grasslands, North Dakota
- 357-e Laura Vilsack—Archaeological Investigation of the Stone Feature Located at Area 12, Gault Site Bell County, Texas
- 357-f Stephanie Stutts—Paleoindian Use of the Western Ouachita

- Mountains, Oklahoma
357-g Lauriane Bourgeon—Humans and Carnivores at the Bluefish Cave II (Northern Yukon): Interpretation of the Faunal Remains

[358] POSTER SESSION ■ ARCHAEOOMETRY IN THE WESTERN AND SOUTHWESTERN UNITED STATES

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 358-a Wesley Bernardini—Sight Communities in the American Southwest
358-b Jacob DeGayner—Advanced Spatial Documentation of Cultural Resources at Southern Arizona National Parks
358-c Jennie Sturm—Using Geospatial Strategies and Ground-Penetrating Radar to Study Sites in the American Southwest
358-d Sachiko Sakai, William Krill, Hector Neff, Hazwan Faizul and Desiree Shahbazkhani—Optically Stimulated Luminescence (OSL) Dating of Little Springs Lava Flow: Impact of Lava Flows to Human Adaptation in Mt. Trumbull, Arizona
358-e Shane Sparks, Elder James Tait, Daniel Stratten, Grant Novak and Crilly Ritz—Using LiDAR and Relative Elevation Modeling (REM) to Identify and Analyze Archaeologically Sensitive Alluvial Landforms
358-f Laura Hronec, Jeremy Iliff and Philip Watts—Quad Maps: Integration of Archaeological Data in GIS

[359] POSTER SESSION ■ PREHISTORY OF THE MIDWESTERN UNITED STATES

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 359-a Elissa Bullion and Jason King—Relatedness and Social Organization at the Ray Site (11BR104): Biological Distance Analysis of a Middle Woodland Ridge Top Cemetery
359-b Robert Ahlrichs—Viewsheds and Variability: the Red Ochre Burial Complex Revisited Geographically
359-c Caitlin Rankin, John Kelly and T.R. Kidder—Geochemical and Physical Characteristics of Anthropogenic Sediments from Cahokia
359-d Abby Swaim—Documentation of Missouri White-Tailed Deer Chronoclines: Implications for Archaeology, Paleoecology, and

- Conservation Biology
- 359-e Catherine Qualls and Leslie Drane—The Creation of a Comparative Resource for 1000 BCE—1600 CE Indiana Ceramics
- 359-f Laura Bender—The Search for Little Bow's Village, Cedar County Nebraska
- 359-g Amanda Bernemann—Oneota Subsistence Practices at the Christenson Site (13PK407)
- 359-h Rebecca Barzilai—Negotiating Practices at the Emerald Site (11S1): A Case Study of Two Burned Structures

[360] POSTER SESSION ■ ARCHAEOLOGY OF THE NORTHWEST COAST, ALASKA, AND THE ARTIC

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 360-a Charles Holmes, Ben Potter, Josh Reuther and Barbara Crass—Archaeology of the Shaw Creek Catchment, Central Alaska
- 360-b Steven Hackenberger, James Brown and Patrick McCutcheon—Resource Intensification, Sedentism, Storage, and Ranking: A Visual Synopsis of Pacific Northwest History and Theory
- 360-c Evan Lewarch, Dennis Lewarch and Stephanie Trudel—Holocene Site Assemblage Structure and Economic Organization In Admiralty Inlet and Puget Sound, Washington
- 360-d Robert Kopperl, Amanda Taylor, Kenneth Ames and Christian Miss—New Perspectives on Native American Occupation of the Puget Lowlands of Washington during the Late Pleistocene-Holocene transition from the Bear Creek Site (45KI839)
- 360-e François Lanoë, Pierre Desrosiers, Dominique Marguerie and Daniel Gendron—A Winter at Akulivik: Faunal Analysis of a Thulean House at the Site of Kangiakallak-1 (Nunavik, Québec)
- 360-f Maxwell Lopez, Nathan Goodale, Alissa Nauman and Greg P. Lord—Three Dimensional Modeling in Archaeological Interpretation: A Case Study from the Pacific Northwest
- 360-g Jennifer Kielhofer, Josh Reuther, Francois Lanoë, Dave Plaskett and Jason Rogers—New Carbon-14 (14C) Dates on "Old" Cultural Components Near Quartz Lake, Interior Alaska

[361] POSTER SESSION ■ PLAINS ARCHAEOLOGY

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 361-a Sarah Trabert, David Hill, Margaret Beck, B. Sunday Eiselt and Jeffrey Ferguson—Not so Exotic After All?: Results from a Characterization of “Puebloan” and “Micaceous” Ceramics from Dismal River Aspect Sites
- 361-b Kenneth Cannon, William Eckerle, Molly CANNON, Jonathan Peart and Paul Santarone—Developing A Minimally Invasive Protocol for Assessing Site Eligibility On the North Training Area, Camp Guernsey, Wyoming
- 361-c Zachary Day, LuAnn Wandsnider and Matthew Douglass—Sourcing Interactions: X-Ray Diffraction of Central Plains Tradition Ceramics during the Medieval Climatic Anomaly
- 361-d Houston Martin—Modeling Middle Holocene Site Frequencies in Southeastern Wyoming: Exploring the Early Archaic through Probabilistic Models
- 361-e Amanda Burt, Laura Scheiber and Lindsey Simmons—Mountain Shoshone Landscape Occupation of Caldwell Basin, Fremont County, Wyoming
- 361-f Scott Phillips, Norma Crumbley and Paul Burnett—Exploration of Wind as an Environmental Consideration for Campsite Selection at Holocene Dunes

[362] POSTER SESSION ■ PREHISTORIC ARCHAEOLOGY IN THE INTERMOUNTAIN WEST

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Participants:

- 362-a Matthew Stirn, Rebecca Sgouros, Robert Curran, Megan Jones and Connor Johnen—Teton Archaeological Project: Preliminary Report of the 2014 Field Season
- 362-b Ashley (Grimes) Parker and Brian Coddington—Numic Fire: Biogeography of Foragers and Fire in the Great Basin
- 362-c Kenneth Vernon, Kate Magargal, Ashley Grimes, Will Rath and Brian Coddington—Numic Fire: Modeling the Effects of Anthropogenic Fire on Foraging Decisions in the Great Basin
- 362-d Dayna Giambastiani and Andrea Catacora—Comparative Analysis of Incised Stone Artifacts from Gatecliff Shelter and Ruby Cave, Great Basin, Nevada
- 362-e Jesse Adams, Michael Ligman and Zach Scribner—Paleoarchaic Occupations in the Eastern Great Basin: Results of GIS Predictive Modeling for Identifying Paleoarchaic Sites in

- Southern Nevada
- 362-f Nicole Herzog and Anne Thomas—What Can Hogup Cave Starches Tell Us about Diet that We Don't Already Know? Context, Preservation, and the Comparison of Archaeobotanical Analyses
- 362-g Erik Martin, Joan Brenner Coltrain and Brian F. Coddling—Stratigraphic Integrity and Large Game Hunting at Hogup Cave, Utah
- 362-h Elizabeth Hora-Cook and Judson Finley—Fremont Farming at the Margins: Assessing Horticultural Potential in Jones Hole Canyon, Utah
- 362-i Chester Liwosz—Rock Art Resonance: Preliminary Results of an Experimental Acoustic Study

[363] POSTER SESSION ■ CULTURAL RESOURCE MANAGEMENT ON MILITARY LAND

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Chair: Heather Abramo

Participants:

- 363-a Kristen Mt. Joy, Laura Carbajal, David Rolbiecki and Mark Hinojosa—More than a Picture: Experiments in Terrestrial Lidar Documentation in Archaeological and Architectural Management at Texas Army National Guard
- 363-b Jennifer Kolise and Pamela Miller—"Got Data, Now What?": Fort Carson's Steps Toward Addressing Data Gaps in Archaeological Research
- 363-c Heather Abramo and Andrew Wells—"Left Behind": The Transition of a Farming Community into Camp Atterbury
- 363-d Kay Simpson and Brian Glusing—The Capture of John Wilkes Booth

[364] POSTER SESSION ■ RECENT ARCHAEOLOGICAL RESEARCH IN PETRIFIED FOREST NATIONAL PARK

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Chair: William Reitze

Participants:

- 364-a Katrina Erickson and William Reitze—Lithic Landscapes and Basketmaker Villages: An Update of the 2014 Petrified Forest Boundary Expansion Survey

- 364-b Amy Schott—Understanding Formation Processes of Archaeological Sites in Eolian Settings in the Petrified Forest National Park
- 364-c Stephanie Mack, R. Sinensky and William T. Reitze—Space and Settlement Across the Painted Desert: Comparing the Land Use Patterns of Preceramic Groups at Petrified Forest National Park
- 364-d Robert (Reuven) Sinensky—All Potted Up: Exploring Seasonality at Small Late Pueblo II and Early Pueblo III Sites at Petrified Forest National Park
- 364-e Emily Kvamme—Tree-Ring Analysis at Petrified Forest National Park, Arizona
- 364-f Carlyn Stewart and Gregory Luna Golya—Documenting Lithic Landscapes of Petrified Forest National Park, Arizona
- 364-g Erina Gruner—Lithic Analysis from the Rainbow Forest Clovis Site
- 364-h Nicole Kulaga—When in the World? A Comparative Debitage Analysis of Single-component Sites through Time at Petrified Forest National Park
- 364-i Samantha Linford—Clay Reconnaissance and Suitability Testing within Petrified Forest National Park
- 364-j Caitlin Ainsworth—13,000 Years of History in 990 Square Feet: Recent Undertakings in Public Archaeology at Petrified Forest National Park
- 364-k Kathryn Turney—Pot Hunting, Artifact Collection and Site Destruction: A Study of a Multi Generational Pot Hunting Family on the Colorado Plateau

[365] POSTER SESSION ■ NEGOTIATING MIGRATION AND VIOLENCE IN THE PRE-COLUMBIAN MID-CONTINENT

Room: Grand Ballroom A

Time: 2:00 PM - 4:00 PM

Chair: Jodie OGorman

Participants:

- 365-a Jodie OGorman, Michael Conner and Nicole Silva—Negotiating Migration and Violence in the Pre-Columbian Mid-Continent: A View from the Village
- 365-b Timothy Horsley, Michael Conner and Jodie O'Gorman—Understanding Settlement Organization through Geophysical Survey at the Morton Village Site, IL
- 365-c Andrew Upton, Jodie O'Gorman, Michael Conner and Terrance Martin—The Role of Public Space in Identity Making at Morton Village (11F2)

- 365-d Jessica Yann, Jeff Painter and Michael Conner—The Spatial Distribution of Domestic Facilities in the Multiethnic Morton Village Site
- 365-e Michael Conner, Jodie O'Gorman and Nicole Silva—Introduction to the DMM-MSU Morton Village Project
- 365-f Ryan Maureen Tubbs, Jodie A. O'Gorman, Jeffrey M. Painter and Terrance J. Martin—Negotiating Identity through Food Choice in the Pre-Columbian Mid-Continent
- 365-g Frank Raslich, Jodie O'Gorman and Michael Conner—Coming Together: Evidence of Ritual and Public Space as a Mechanism of Social Integration
- 365-h Jennifer Bengtson, Jeffrey Painter, Frank Raslich, Nikki Silva and Andrew Upton—Migration and Cohabitation at Morton Village: Future Research Directions

[366] SYMPOSIUM ■ COMMUNITY DIVERSITY IN THE ARCHAEOLOGICAL PAST AND THE COMPLICATED PRESENT: ONGOING FIELD RESEARCH AND CIVIC ENGAGEMENTS IN THE COPAN VALLEY, HONDURAS

Room: Continental Ballroom Parlor 9

Time: 2:00 PM - 5:00 PM

Chairs: William Fash and Barbara Fash

Participants:

- 2:00 William Fash and Barbara Fash—New Approaches in Archaeological Research, Heritage Management and Community Engagement for the Copan Valley
- 2:15 Jorge Ramos—A Sacred and Defensible Hill and the Memory of Ruler 12 in Late Classic Copan, Honduras
- 2:30 Cameron McNeil, Edy Barrios and Walter Burgos—Identity on the Edge of the Kingdom: the Artifacts, Residences, and Ritual Areas of Río Amarillo, Copan
- 2:45 Adeldo Canan, Alexandre Tokovinine and Barbara Fash—Aplicación de la topometría digital en conservación e investigación de los monumentos mayas
- 3:00 Katherine Miller Wolf—A Bioarchaeological Approach to Diversity and Complexity of Ancient Maya Society at Copan: Results from New Strontium and Biodistance Data
- 3:15 Karina Garcia and Barbara Fash—Exhibiciones fotográficas en el pueblo de Copán Ruinas: Arqueología y Comunidad desde 1890 hasta hoy día
- 3:30 Kristin Landau—Engaged Investigation: Archaeology within Copán's Past and Contemporary Neighborhoods

- 3:45 Isuara Nereyda Alonso, Antonia Martínez and César Antonio Martínez—Retos de la conservación arqueológica: Una vista desde Copan
- 4:00 Nawa Sugiyama and William L. Fash—Human/Animal Interactions in the Copan Valley from the Beginning to the End of the Copan Dynasty: Stable Isotope Analysis of the Felids from Altar Q and the Motmot Dedicatory Offerings
- 4:15 Alexis Hartford, Katherine Brunson and Barbara Fash—Re-Discovering the Copan Sub-Stelae Caches: A Collection Stewardship and Re-Identification Project
- 4:30 Katherine Brunson, Alexis Hartford, Barbara Fash, Hans Bernard and Kym Faull—Residue Analysis of Ceramic Vessels from the Copan Sub-Stelae Cache Offerings
- 4:45 Ellen Bell—Discussant

[367] SYMPOSIUM ■ CURRENT PERSPECTIVES IN ECUADORIAN ARCHAEOLOGY

Room: Union Square 14

Time: 2:30 PM - 5:00 PM

Chair: Sarah Rowe

Participants:

- 2:30 Sarah Rowe—Local Communities, Ceramic Use, and the Uneven Development of Social Complexity in the Late Valdivia Period of Coastal Ecuador
- 2:45 Eric Dyrdaahl and Carlos Montalvo—Late Formative Craft Production and Interregional Interaction at Las Orquideas, Imbabura, Ecuador
- 3:00 Maria-Auxiliadora Cordero, Esteban Acosta and Paulina Rosero—Settlement Patterns Study in the Lake San Pablo Area, Northern Highland Ecuador: Preliminary Results
- 3:15 Ronald Lippi, Alejandra Gudino and Estanislao Pazmino—Fiestas and Funerals? Possible Uses of a Rectangular Platform Mound in Yumbo Territory
- 3:30 Estanislao Pazmiño—Excavaciones arqueológicas en la pirámide de Huataviro
- 3:45 Stefan Bohorquez Gerardy—Las Voces del Barro y el Paisaje Manteño en Hojas-Jaboncillo, Manabí Central (Ecuador)
- 4:00 Maria Ordoñez—Forgotten Mummies. Reflections on the Management of Human Remains Exhibits in Ecuadorean Museums
- 4:15 James Zeidler—Message in a Bottle: Assessing the Impacts of Looting on the Archaeological Record of the Jama River Valley,

- Coastal Ecuador
- 4:30 Jose Echeverria—Patrimonio, Políticas de Estado y Arqueólogos. La Experiencia del Ecuador en los Últimos Cuarenta y Cinco Años
- 4:45 Questions and Answers

[368] GENERAL SESSION ■ ARCHAEOLOGY OF THE MEDITERRANEAN REGION AND ROMAN WORLD

Room: Continental Parlor 2

Time: 2:45 PM - 4:45 PM

Chair: Katherine Harrington

Participants:

- 2:45 MaryAnn Kontonickolas and C. Myles Chykerda—The Ancient Methone Intensive Survey Project: New Research at a Harbor City in the North Aegean
- 3:00 Petya Hristova—In the Twilight of a Brave New World: From Multimedia Work Areas to Material Transformations in the Late Chalcolithic and Neolithic in Bulgaria and North Greece
- 3:15 William Balco and Michael Kolb—Exploring the Roman Occupation and Abandonment of Salemi, Sicily: The Cistern at Largo Cosenza
- 3:30 Katherine Harrington and Linda Gosner—Daily Deeds and Practiced Patterns: Using Interdisciplinary Collaboration to Advance the Study of Daily Life in the Classical Mediterranean
- 3:45 Ashley Brown and Miriam Belmaker—Evidence for Climate Change during the 3rd–5th Century CE: The Microvertebrate Evidence from Tel Huqoq, Israel
- 4:00 Riccardo Bertolazzi—Statuae Meae Ubique Steterunt: Some Considerations on Julia Domna's Statue Bases from North Africa
- 4:15 Christine Johnston—Market Exchange Seen through the Mist: Network Visualization for Variable Data
- 4:30 Daniella Bar-Yosef Mayer, Yaacov Kahanov, Joel Roskin and Hezi Gildor—Neolithic Voyages to Cyprus: Wind Patterns, Routes and Mechanisms

[369] FORUM ■ A MODEL FOR SUCCESS IN REPATRIATION: A COLLABORATIVE PROCESS BETWEEN THE STATE OF COLORADO AND AMERICAN INDIAN TRIBES

Room: Continental Ballroom Parlor 8

Time: 3:00 PM - 5:00 PM

Moderator: Sheila Goff

Participants:

Thomas Carr—Discussant
Ernest House—Discussant
Jerry Fetterman—Discussant
Alden Naranjo—Discussant
Terry Knight—Discussant

[370] SYMPOSIUM ■ THE HOYO NEGRO PROJECT: RECENT INVESTIGATIONS OF A SUBMERGED PALEOAMERICAN CAVE SITE IN QUINTANA ROO, MEXICO

Room: Golden Gate 4

Time: 3:15 PM - 5:00 PM

Chairs: Dominique Rissolo and James Chatters

Participants:

- 3:15 James Chatters, Pilar Luna-Erreguerena, Dominique Rissolo, Patricia Beddows and Shanti Morell-Hart—An Overview of the Hoyo Negro Project and Its Findings
- 3:30 Alberto Nava, Alex Alvarez, Franco Attolini, Susan Bird and Roberto Chavez—The Development of Techniques and Methods Used to Record Hoyo Negro: A Submerged Cave Site on the Yucatan Peninsula
- 3:45 Patricia Quintana, Vera Tiesler, Diana Arano, Dominique Rissolo and James Chatters—General Taphonomy and Diagenesis of a Submerged Pleistocene Skeleton from the Cenote of Hoyo Negro, Tulum, Quintana Roo, Mexico: Preliminary Results
- 4:00 Julio Chi, James C. Chatters, Andrea Cucina, Pilar Luna Erreguerena³ and Vera Tiesler—Histomorphology and Metabolic History of a Submerged Pleistocene Skeleton from the Cenote of Hoyo Negro, Tulum, Quintana Roo, Mexico
- 4:15 Joaquin Arroyo-Cabral, James C. Chatters, Blaine W. Schubert, H. Gregory McDonald and Pilar Luna—The Late Pleistocene Fauna of Hoyo Negro
- 4:30 Shawn Collins, Eduard Reinhardt and Dominique Rissolo—Reconstructing Water Levels and Access to Hoyo Negro
- 4:45 Shawn Kovacs, Eduard Reinhardt and Dominique Rissolo—Calcite Rafts as a Proxy for Reconstructing Holocene Surface Water Conditions of Hoyo Negro: A Phreatic Coastal Karst Basin in Quintana Roo, Mexico

[371] GENERAL SESSION ■ CONTEXTS OF ARTIFACT PRODUCTION AND USE IN SOUTH AMERICAN ARCHAEOLOGY**Room:** Union Square 13**Time:** 3:15 PM - 5:00 PM**Chair:** Christian Mesia**Participants:**

- 3:15 Ana Navas, Franz Scaramelli and Kay Scaramelli—Mitología y tecnología: el hierro en la cosmovisión guayanesa, Venezuela
- 3:30 María Scattolin—Before Calchaquí. The Formative Period and Middle Horizon Ceramics in Northwest Argentina
- 3:45 Amy Szumilewicz, Izumi Shimada, Carlos Elera Alvarado and César Samillán Torres—Biography and Symbolism of Sicán Painted Textiles: First Approximation
- 4:00 Izumi Shimada and John Merkel—The Organization and Technology of Sicán Metalworks: pXRF Analysis of Floors and Associated Residues
- 4:15 Colin Thomas—Smelting and the Sacred at dos Cruces: Technological and Ritual Activity at a Chimú Era Smelting Site
- 4:30 William Barse—The Culebra and Ronquin Paleosols and Their Vessel Assemblages
- 4:45 Christian Mesia—A Classification of Middle Formative (1200–800 BCE) Ceramics from Chavín de Huántar

[372] GENERAL SESSION ■ MORTUARY ARCHAEOLOGY**Room:** Golden Gate 8**Time:** 3:45 PM - 5:00 PM**Chair:** Susan Pfeiffer**Participants:**

- 3:45 M. Thompson—Ancestors and Ancestral Spirits: Understanding the Spirits of the Dead in Prehispanic Settlements of the American Southeast and Southwest
- 4:00 Theresa Schober—Perishable Disparity: Mortuary Treatment in Baja California Sur
- 4:15 Douglas Charles—Burial Mound as Palimpsest
- 4:30 Hayley Mickleburgh—Armchair Archaeoethnology: Post-Excavation Archaeoethnology in the Caribbean
- 4:45 Susan Pfeiffer, Judith C. Sealy and Ronald F. Williamson—Temporal Trends in Reliance on Maize among Ancestral Huron-Wendat Villages, as reflected in $\delta^{13}\text{C}$ from Human Enamel

[373] GENERAL SESSION ■ DAILY LIFE, RITUAL, AND ETHNOBOTANY**Room:** Yosemite C**Time:** 3:45 PM - 5:00 PM**Chair:** Andrew Lints**Participants:**

- 3:45 Andrew Weiland—Practical and Social Storage among the Ohio Hopewell: Archaeobotanical and Ethnoarchaeological Evidence for Delayed Return of Pre-Maize Crops
- 4:00 Andrew Lints—Reconstructing a 600 Year Old Ceremonial Event from the Northern Plains: Analysis of Phytoliths from within a Modified Bison Skull
- 4:15 Sheila Jon Hauser—Were the Wichita Using *Ilex Vomitoria* While Living along the Arkansas River In Kansas
- 4:30 Timothy Baumann, Gary Crites and Lynne Sullivan—The Emergence and Distribution of Beans (*Phaseolus vulgaris*) in the Upper Tennessee River Valley
- 4:45 Kasey Cole, Heather MacInnes, Eric Bartelink and Gary Breschini—Late Holocene Dietary Variation along the Central California Coast: Isotopic Evidence for Marine Dependence

[374] GENERAL SESSION ■ ORAL HISTORY AND ORAL TRADITION IN NATIVE NORTH AMERICA**Room:** Union Square 25**Time:** 3:45 PM - 5:00 PM**Chair:** Lee Bloch**Participants:**

- 3:45 Nanabah Nez—Apache Use of a Sacred Site. Oral History of Apache Elders
- 4:00 Victoria Bochniak—Oral History and Archaeology: A Case from Crow Country
- 4:15 Aron Crowell—The Intensification of Indigenous Sealing in Southeast Alaska: A 19th Century Camp Complex at Yakutat Bay
- 4:30 Mariane Gaudreau—Oral Narratives and Archaeology: Telling Multiple Stories for Multiple Pasts?
- 4:45 Lee Bloch—Esnevs Stories: Muskogee Oral Traditions, Trader-Diplomats, and Sacred Landscapes

[375] GENERAL SESSION ■ MAYA CERAMICS**Room:** Golden Gate 2**Time:** 3:45 PM - 5:00 PM

Chair: Keith Eppich

Participants:

- 3:45 Joseph Horne—Maya Ceramic Production along the North Coast of the Yucatan Peninsula: Diagnostic Attributes Associated with Unslipped Wares at Viste Alegre
- 4:00 Keith Eppich—The Evolution of Classic Maya Ceramic Shape-Classes through Time; New Evidence from El Peru-Waka, Guatemala
- 4:15 Mark Irish—Unit-Stamped Red Jars in the Southern Lowlands: New Insights into Ceramic Production and Exchange
- 4:30 Jennifer Loughmiller-Cardinal—Categorical Imperatives: Re-imagining the Classificatory Schema for Mayan Ceramic Vessels
- 4:45 Sarah Nicole Boudreaux—Distribution Patterns and Production Technology of Ancient Maya Ceramics in the Three Rivers Region

[376] GENERAL SESSION ■ HOUSEHOLD ARCHAEOLOGY AND MULTISCALAR ANALYSIS IN MAYA REGION: ACTIVITY AREAS, RITUAL, PRODUCTION, AND DOMESTIC ECONOMIES

Room: Golden Gate 6

Time: 3:45 PM - 4:45 PM

Chair: Tiffany Lindley

Participants:

- 3:45 Kelsey Sullivan, James Stemp and Jaime Awe—Two Newly Discovered Maya Chert Tool Workshops in the Belize Valley: Results of the 2014 Surface Reconnaissance
- 4:00 Tiffany Lindley—Searching for Continuity in the Hinterlands: Households at Rancho San Lorenzo's Floodplain North Settlement Cluster, Belize
- 4:15 Borislava Simova and David Mixter—Resignification: Public Ritual and Changing Cultural Landscapes at Actuncan, Belize
- 4:30 Luis Joaquin Venegas De La Torre, Mashelli A. Contreras Hernández and Héctor A. Hernández Álvarez—Patrones de desecho en los grupos domésticos de la Hacienda San Pedro Cholul

[377] GENERAL SESSION ■ APPLICATIONS OF THEORY IN ARCHAEOLOGICAL ANALYSES

Room: Yosemite B

Time: 3:45 PM - 5:00 PM

Chair: Suzanne Pilaar Birch

Participants:

- 3:45 Jill Marcum—A Peircean Analysis of Bucrania at Catalhoyuk
4:00 Elisabeth Culley—Operationalizing Semiotic Theory as an Archaeological Research Method: A Levantine Case Study
4:15 Suzanne Pilaar Birch—Multispecies Archaeology
4:30 Claudio Cioffi-Revilla and Thomas Dover—Implementing Politogenesis by Canonical Cycling in an Agent-Based Model with Circumscribed Environment
4:45 Jason Kjolsing and Paul Goldstein—Seeing Prehistory in Color: Interpreting the Use of Colored Pigments at the Tiwanaku Omo Temple, Moquegua, Peru

[378] GENERAL SESSION ■ ARCHAEOLOGIES OF SOCIAL IDENTITY AND SOCIAL INTERACTIONS IN SOUTH AMERICA

Room: Union Square 21

Time: 4:00 PM - 5:00 PM

Chair: Erika Brant

Participants:

- 4:00 Emily Schach and Jane Buikstra—"Feeding the Dead" at Chiribaya Alta
4:15 Erika Brant—Rejection or Reinvention: Rethinking Social Hierarchy in the Post-Collapse Colla Polity (AD 1000–1450) of Southern Peru
4:30 Francisca Santana Sagredo, Julia Lee-Thorp, Rick Schulting and Mauricio Uribe—"Diet and Connections among Cultural Groups in the Atacama Desert during the Late Intermediate Period (AD 950–1450)
4:45 Daniel Nicholson, James Hinthorne, Shelia Pozorski and Thomas Pozorski—Pigment Identification as a Proxy for Intercultural Interaction in Casma, Ancash during the Initial Period (2100–1000 B.C.E.)

[379] GENERAL SESSION ■ CERAMIC ANALYSIS

Room: Continental Ballroom Parlor 7

Time: 4:00 PM - 5:00 PM

Chair: Cinzia Perlingieri

Participants:

- 4:00 Julia Burtenshaw, Diana Magaloni and Johannes Neurath—

- Researching LACMA's Colombian Ceramics
- 4:15 Cinzia Perlingieri, Habtamu Mekonnen and Michael Harrower—
An Integrated Digital Approach for Ceramic Analysis at Baita
Semati, Northern Ethiopia
- 4:30 Laura Marsh—Examining Variability and Provenance through
Ceramic Petrography at Chavín de Huántar
- 4:45 Isabelle Martínez-Muñiz—The Application of X-Ray Diffraction to
the Characterization of Clay Samples from the Tuxtla
Mountains, México

**[380] GENERAL SESSION ■ BIOARCHAEOLOGY OF THE ANCIENT NEAR
EAST**

Room: Continental Parlor 3

Time: 4:00 PM - 5:00 PM

Chair: Mark Toussaint

Participants:

- 4:00 Kathryn Parker, Megan Perry, Drew Coleman and David
Dettman—Strontium and Oxygen Isotopic Evidence of the
Origins of Homicide Victims from Middle Islamic Period Qasr
Hallabat
- 4:15 Selin Nugent and Hannah Lau—The Walking Dead:
Osteological and Isotopic Indicators of Mobility from Middle
Bronze Age Commingled Human and Faunal Burials in
Naxcivan, Azerbaijan
- 4:30 Mark Toussaint and Debra Martin—Bioarchaeology of the
Arabian Bronze Age: Humeral Enthesal Changes and Burial
Patterns at Tell Abraq
- 4:45 Alyson Caine—The Skeletal Findings from Excavations in the
Batinah, Oman

**[381] GENERAL SESSION ■ ARCHAEOLOGY OF HISTORIC INDUSTRIAL
FEATURES, LABOR RELATIONS, AND MILITARY INSTALLATIONS**

Room: Golden Gate 1

Time: 4:00 PM - 5:00 PM

Chair: David Carlson

Participants:

- 4:00 Emlen Myers and Tomas Mendizabal—History and Prehistory of
the Panama Canal Zone Revealed by the Current Canal
Expansion Program
- 4:15 David Carlson—The Intersection of Identity, Labor, and Racism
in Washington State Company Towns

- 4:30 LisaMarie Malischke and Ian W. Brown—Architectural Features versus Historic Maps of Fort St. Pierre, 1719–1729, Vicksburg, Mississippi
- 4:45 Jordon Loucks—Irish Built Arteries: Ethnic Identification along the Canals and Railroads of New York

[382] GENERAL SESSION ■ CHACOAN ARCHAEOLOGY

Room: Franciscan CD

Time: 4:00 PM - 5:00 PM

Chair: Paul Reed

Participants:

- 4:00 Megan Conger and Adam Watson—Ornaments, Pigments, and Household Production: Spatial Patterning and Residue Analysis of Ground Stone Artifacts from Pueblo Bonito, Chaco Canyon, New Mexico (A.D. 800–1200)
- 4:15 Paul Reed—Life and Ritual at the Edge of the Lava: The Ancient Chacoan Community at Las Ventanas
- 4:30 David Witt—The Nature and Extent of Chacoan Hegemony in the Middle San Juan Region
- 4:45 Abraham Arnett—The Group within the Group: Carter Ranch Pueblo and the Chaco Regional System

[383] GENERAL SESSION ■ CALIFORNIA ARCHAEOLOGY—LITHIC STUDIES

Room: Continental Parlor 1

Time: 4:00 PM - 5:00 PM

Chair: Joanne Mack

Participants:

- 4:00 Joanne Mack—The Potential Influence of Fish and Obsidian Resources on Shasta Cultural Complexity
- 4:15 Nathan Stevens and Jeffrey Rosenthal—Geology, Historical Contingency, and Ecological Inheritance in California's Southern Sierra Nevada
- 4:30 Ryan Moritz and René Vellanoweth—Expedient Stone Tool Analysis from Tule Creek (CA-SNI-25)
- 4:45 Evan Elliott, Thomas Origer and Katherine Dowdall—At the Continent's Edge: A View of Flaked-Stone Crescents from Sonoma County, California

[384] GENERAL SESSION ■ BIOARCHAEOLOGY IN SOUTH AMERICA**Room:** Plaza A**Time:** 4:00 PM - 5:00 PM**Chair:** Jane Buikstra**Participants:**

- 4:00 Jane Buikstra, Kristen Bos, Kelly Harkins, Johannes Krause and Anne Stone—Paleopathology and the History of Tuberculosis: New Results from Ancient South America
- 4:15 Sara Becker and Paul Goldstein—Laboring in Tiwanaku's Moquegua Colony: A Bioarchaeological Activity Indicator Comparison Using Population-Based and Life Course Approaches
- 4:30 Kassie Sugimoto, Ann Ross and Danielle Kurin —Facial Asymmetry: Bio-Indicators of Stress in Post-Wari Populations
- 4:45 Mark Hubbe and Christina Torres-Rouff—Morphology and Culture among the Middle and Late Intermediate Period Inhabitants of Catarpe (San Pedro de Atacama, Chile)

Sunday Morning ■ April 19, 2015**[385] GENERAL SESSION ■ EDUCATION AND PEDAGOGY IN THE CLASSROOM AND FIELD****Room:** Continental Parlor 3**Time:** 8:00 AM - 9:00 AM**Chair:** Linda Gosner**Participants:**

- 8:00 Victor Fisher—Effective Use of Site Reports as Pedagogical Tools in Courses on Environmental Archaeology and Archaeoastronomy
- 8:15 Linda Gosner, J. Andrew Dufton, Alex Knodell and Catherine Steidl—Archaeology Underfoot on College Hill: Education, Outreach, and Historical Archaeology at Brown University (Providence, Rhode Island)
- 8:30 Anastasia Panagakos and Amanda Paskey—Uncovering New Opportunities: Community Colleges and Archaeological Lab Experience
- 8:45 Katia Chaterji and Alexander Reinhold—Applications of Cultural Heritage and Digital Preservation in Science, Technology, Engineering, and Mathematics (STEM) Education

[386] GENERAL SESSION ■ DESERT AND HIGH ELEVATION ADAPTATION IN THE AMERICAN WEST**Room:** Union Square 1**Time:** 8:00 AM - 9:15 AM**Chair:** Edward Knell**Participants:**

- 8:00 A. Dudley Gardner, Glade Hadden and Adreanna Jensen—Eagle Rock: A Brief Look at Cultural Changes in One Rock Shelter between 13,000 and 6,000 BP
- 8:15 Edward Knell—Terminal-Pleistocene through Late Prehistoric Settlement Strategies around Pluvial Lake Mojave (Soda and Silver Lake Playas), California
- 8:30 Jeanne Binning, Jill Minar, Clifford Walker and Dan Stueber—A Biface Cache from Paradise Springs, Central Mojave Desert
- 8:45 Lukas Trout—Prehistoric High Elevation Seasonal Use in Wyoming: Results of Flaked Stone Analysis from High Rise Village
- 9:00 Amanda Rankin—High Altitude Residence in the Great Basin and the Rocky Mountains

[387] GENERAL SESSION ■ PREHISTORY OF THE CARIBBEAN**Room:** Union Square 2**Time:** 8:00 AM - 9:15 AM**Chair:** Perry Gnivecki**Participants:**

- 8:00 L. Curet—Exchange and Interaction in the Caribbean: The View from Two Collections of the Smithsonian
- 8:15 Mary Jane Berman—Investigating Variability in Lucayan (Bahamian) Microlith Assemblages
- 8:30 Derek Anderson, Nicholas Herrmann, Molly Zuckerman and D. Shane Miller—Recent Archaeological Excavations at the Aklis site, St. Croix, U.S. Virgin Islands
- 8:45 Joanna Ostapkowicz and Fiona Brock—Black Pitch, Carved Histories: Prehistoric Wood Sculpture from Trinidad's Pitch Lake
- 9:00 Perry Gnivecki, Michael Pateman and Ilya Buynevich—Archaeological Re-Survey, Contemporary Bahamian Cemeteries, Lucayan Prehistory, and Heritage Management

[388] SYMPOSIUM ■ CEREMONIAL ARCHITECTURE IN EASTERN POLYNESIA: DEVELOPMENT & VARIABILITY**Room:** Union Square 21**Time:** 8:00 AM - 9:30 AM**Chair:** Guillaume Molle**Participants:**

- 8:00 Jennifer Kahn—Priests' Houses and Architectures of Ideology in East Polynesia
- 8:15 Tamara Maric—Marae of Tahiti, Society Islands
- 8:30 Guillaume Molle—Exploring Religious Practices on the Polynesian Atolls: A Comprehensive Architectural Approach Towards the Marae Complex in the Tuamotus
- 8:45 Alex Morrison and Carl Lipo—Exploring the Spatial Distribution of Rapa Nui Ahu with Costly Signalling Theory: An Agent-Based Model
- 9:00 Alexander Baer—Monumentality and the Archaic State: Heiau Distribution in Kaupo, Maui
- 9:15 James Flexner and Mark McCoy—Towards a Historical Archaeology of Heiau: Hawaiian Traditions, Colonialism, and Religious Transformation in the Recent Past

[389] GENERAL SESSION ■ LITHICS IN THE PALEOLITHIC**Room:** Golden Gate 6

Time: 8:00 AM - 9:45 AM

Chair: Joao Cascalheira

Participants:

- 8:00 Ariel Malinsky-Buller—The Lower-Middle Paleolithic Transition(s) —Between Southern and Northern France a Look from the Bifacial technologies perspective
- 8:15 Tamara Dogandzic, Karen Ruebens, Michel Lenoir and Shannon McPherron—Late Mousterian Industrial Variability in Southwestern France: A Case of Abri Peyrony
- 8:30 Gabriel Popescu—Assemblage Formation and Paleolithic Variability in the Middle Prut Valley Region (Romania)
- 8:45 Andrea Picin—Neanderthal Mobility in the Northeast of the Iberian Peninsula: The Patterns of Chert Exploitation at the Abric Romaní Rock-Shelter
- 9:00 Sonja Grimm—Every End is a New Beginning. An Adaptive Cycle in North-West Europe during the Weichselian Late Glacial
- 9:15 Joao Cascalheira and Nuno Bicho—Lithic Technological Organization and Social Networks during the LGM in Southwestern Iberia
- 9:30 Kaoru Akoshima—Evaluating Lithic Microwear Traces in Terms of Settlement Mobility Patterns and Raw Material Distributions

[390] FORUM ■ SITE STEWARDSHIP ALLIANCE: BUILDING THE FUTURE OF ARCHAEOLOGICAL SITE STEWARDSHIP PROGRAMS

Room: Golden Gate 8

Time: 8:00 AM - 10:00 AM

Moderator: Samantha Rubinson

Participants:

- Crystal Alegria—Discussant
- Sophia Kelly—Discussant
- Beth Padon—Discussant
- Norman Nelson—Discussant

[391] GENERAL SESSION ■ ARCHAEOLOGIES OF TRADE AND CULTURAL INTERACTIONS

Room: Union Square 13

Time: 8:00 AM - 10:00 AM

Chair: Colleen Delaney

Participants:

- 8:00 Ashley Coutu—On the Trail of Ivory: Mapping Trade in Iron Age Southern Africa

- 8:15 Tanya Chiykowski—Trade, Migration and Movement at Cerro de Trincheras, Sonora, Mexico
- 8:30 Colleen Delaney, Shawna Couplin, Charles Fazzino and Kathleen M Marsaglia—They Sent Sandstone Across the Sea? A Preliminary Petrographic Study of Stone Bowls and Mortars
- 8:45 Jairo Avila—Local or Non-Local: Reassessing Material Exchange in Southern California
- 9:00 Ian Scharlotta—Trade Routes and Contradictory Spheres of Influence: Movement of Rhyolite through the Heart of the Western Mojave Desert
- 9:15 Danielle Riebe—Exploiting, Exchanging, and Establishing Boundaries: Lithic Trade during the Neolithic on the Great Hungarian Plain
- 9:30 Rory Dennison—Porcelain, Kilns, and Chiefs: LA-ICP-MS Analysis of Sherds in the Pre-Colonial Philippines and Southern China
- 9:45 David Herdrich and Christopher Filimoeala—A Comparative Analysis of a Traditional Western Polynesian Tupua at Swains Island, American Samoa

[392] GENERAL SESSION ■ THE PRACTICES AND PRODUCTS OF CULTURAL RESOURCE MANAGEMENT IN CALIFORNIA

Room: Union Square 14

Time: 8:00 AM - 9:45 AM

Chair: Katherine Burnett

Participants:

- 8:00 Craig Hauer and Sean McMurry—Constructive Monitoring: Finding Successful Solutions for Environmental, Engineering, Cultural Resources, and Public Relations Challenges in the Constructed Landscape of the Presidio of San Francisco, California
- 8:15 Jessica Tudor and Brendon Greenaway —Archaeological Landscapes and Districts and Section 106 of the NHPA—Examples from California
- 8:30 Katherine Dowdall, Otis Parrish, Margaret Purser and John Wingard—The Kashaya Pomo Cultural Landscape Project: A Community-Based Approach
- 8:45 Scott Green and Richard Fitzgerald—The National Register Nomination for CA-LAN-1, the Tank Site, a Millingstone Horizon Site in Topanga State Park, Los Angeles CA
- 9:00 Rebecca Karberg—49ers and Firm Foundations: A Short Archaeological History of San Francisco's Civic Center

- 9:15 Josh Allen—Settlement Patterns in Southeastern Sacramento County
- 9:30 Katherine Burnett, Armando Abeyta and Amber Fankhauser—Legacies of Movement and Land Use in the Mojave Desert: An Intensive Study of Two Multi-Component Sites at Fort Irwin, San Bernardino County, California

[393] GENERAL SESSION ■ CONQUEST AND COLONIALISM IN MESOAMERICA AND SOUTH AMERICA

Room: Imperial Ballroom A

Time: 8:00 AM - 10:00 AM

Chair: Enrique Rodriguez

Participants:

- 8:00 R. Jeffrey Frost—Pueblos, Palenques, and Dual Organization in Sixteenth Century Costa Rica
- 8:15 Bibiana Cadena and Meggan Bullock—Indigenous Testimony to the Conquest of Mexico: An Osteological Analysis of Violence in Contact-Period San Gregorio Atlapulco, Xochimilco
- 8:30 Enrique Rodriguez—Postconquest Figurines from Central Mexico: Aspects of Phenotype and Artifice
- 8:45 Brian Witt and Nadia Johnson—Us vs. Them: Identity Formation in Pre-Hispanic Tlaxcala
- 9:00 Emily Dean and Amelia Perez Trujillo—The Archaeology of Rebellion and Resistance: Archaeological Investigations of the Neo-Inca State of Vilcabamba, Peru
- 9:15 Alexander Menaker—An Archaeological and Historical Inquiry of Andagua, Peru, 1000–1800AD
- 9:30 William Fowler and Jeb Card—Structure 4G1, Ciudad Vieja, El Salvador: A Sanctuary of Earth and Stone
- 9:45 Connie Ericksen and Haagen Klaus—Fighting Back at Yellow Jack

[394] GENERAL SESSION ■ GLOBAL HISTORICAL AND CONTEMPORARY ARCHAEOLOGIES

Room: Yosemite A

Time: 8:00 AM - 10:00 AM

Chair: Paul Farnsworth

Participants:

- 8:00 Valerie Bondura, Alfonso Fanjul Peraza and Vanesa Trevin Pita—Resistance, Refuge, and Retaliation: The Use of Caves during the Spanish Civil War in Asturias

- 8:15 Paul Farnsworth and Nydia I. Pontón—Archaeological Excavations at Hacienda La Esperanza, Manatí, Puerto Rico
- 8:30 Troy Lovata—An Archaeology of Skiing
- 8:45 Carolyn White, Elizabeth Bennett and Laura Sechrist—Granite Creek Station: Site of Massacre and Memory
- 9:00 Rachel Campbell and Michael Meyer—Excavating St. Louis: French Colonial and Urban Archaeology
- 9:15 Rui Gomes Coelho—Coffee and Captivity in the 19th Century Paraíba Valley (Rio de Janeiro, Brazil). Landscape Archaeology and Phenomenological Recording
- 9:30 Aaron Coons and Kisha Supernant—Remote Sensing at the Buffalo Lake Métis Wintering Site (FdPe-1): Preliminary Results
- 9:45 Zev Cossin—Indigenous Labor and the Hacienda System: Examining Everyday Micropolitics and Global Capitalism at the Historic Hacienda Guachalá, Ecuador

[395] SYMPOSIUM ■ MAGDALENIAN SOCIAL GEOGRAPHIES IN WESTERN EUROPE

Room: Continental Ballroom Parlor 8

Time: 8:00 AM - 10:15 AM

Chairs: Claudine Gravel-Miguel and John O'Hara

Participants:

- 8:00 Claudine Gravel-Miguel—Using Computer Models and Art Stylistic Similarities to Evaluate the Impacts of Geography and Social Processes on Magdalenian Social Networks
- 8:15 John O'Hara—Accessing Social Geographies in Late Glacial Franco-Cantabria through Personal Ornaments
- 8:30 Rebecca Schwendler—A Re-Examination of Magdalenian Social Organization Ten Years Later
- 8:45 Rachel Kulick—Social Geoarchaeology: A Case Study of Structural Organization at Peyre Blanque, Ariège
- 9:00 Sebastien Lacombe—Investigating the Symbolic Aspects of Flint in the Making of Prehistoric Cultures: The Case of the Middle Magdalenian of Southwestern France
- 9:15 Kathleen Sterling—The Concept of “Domesticity” in Magdalenian Life
- 9:30 Nada Hosking—Simulating the Past—The Use of 3D Technologies in Archaeology
- 9:45 Pablo Arias—Discussant
- 10:00 Margaret Conkey—Discussant

[396] GENERAL SESSION ■ ARCHAEOLOGY OF THE PALEOLITHIC**Room:** Continental Parlor 1**Time:** 8:00 AM - 10:15 AM**Chair:** Suzi Wilson**Participants:**

- 8:00 Suzi Wilson—Homo Cognitive Development (Contextualized in Middle Paleolithic Burials)
- 8:15 Johannes Krause, David Reich, Iosif Lazaridis, Nick Patterson and Alissa Mitnik—Ancient Human Genomes Suggest Three Ancestral Populations for Present-Day Europeans
- 8:30 Britt Starkovich—Systematic Butchery of Small Game at Kephalaria Cave (Peloponnese, Greece)
- 8:45 Ash Scheder Black—Applied Archaeological Visualization: Technical Advances and Research Insights from the Effort to Visualize Neanderthal/AMH Interactions at Deep Time Depth
- 9:00 David Clinnick and James Walker—The Forgotten King
- 9:15 Bonnie A.B. Blackwell, SeiMi Chu, Iffath Chaity, Dušan Mihailovic and Mirjana Roksandic—ESR Dating Ungulate Tooth Enamel at Pešturina, Serbia: The Lumpiness Factor
- 9:30 Alejandro Garcia-Moreno, Jarod M. Hutson, Aritza Villaluenga, Elaine Turner and Sabine Gaudzinski-Windheuser—Spatial Distribution and Site Formation of the Schöningen Spear Horizon, Lower Saxony, Germany
- 9:45 Kelsey Knox—Biogeography of Neandertals: The Southern Italian Middle Paleolithic
- 10:00 Eugene Morin, John D. Speth and Julia Lee-Thorp—A Critical Reappraisal of Middle Paleolithic Diets

[397] GENERAL SESSION ■ ZOOARCHAEOLOGY AND SITE INTERPRETATION**Room:** Continental Ballroom Parlor 7**Time:** 8:00 AM - 10:15 AM**Chair:** Sara Rhodes**Participants:**

- 8:00 Stephen Merritt—Using a Specimen-Scale Approach and Butchery Traces on the Elbow to Refine Paleoecological Interpretations of Early Stone Age Carnivory
- 8:15 Abigail Fisher—Identifying and Applying a “Canopy Effect” as a Marker for Deforestation: Stable Isotope Analysis of Small Artiodactyl and Rodent Fauna from Hunter-Gatherer Sites in Central Africa
- 8:30 Gypsy Price, Kim Shelton, George Kamenov and John Krigbaum—Following the Herd: Isotopic Access to Faunal

- Commodity Chains in LBA Mycenae, Greece
- 8:45 Sara Rhodes, Antonio López-Jiménez, Mariano López-Martínez, Maria Haber-Urriarte and Michael J. Walker—Opportunistic Fire in the Early Palaeolithic: Evidence of Small Mammal Incidental Burning at Cueva Negra del Estrecho del Río Quípar (Murcia, Spain)
- 9:00 Courtney Williams—Changing Environments and Economies: A Zooarchaeological Study of the Eastern Pequot
- 9:15 Vivian James—"Of What Use is a Bear?": Examining Black Bears (*Ursus americanus*) as a Capitalized Resource in Northeastern North America during the Woodland and Colonial Periods (A.D. 1300–1800)
- 9:30 Heather McGuire—A Comparative Study of the Barn Owl (*Tyto alba*) Pellet Taphonomic Signature across Regions: Implications for Paleoenvironmental Reconstructions in Archaeological Sites
- 9:45 Tekla Schmaus—Home is Where the Herd Is: Social Factors and Mobility Patterns in Prehistoric Kazakhstan
- 10:00 R. Lyman—The History of "Laundry Lists" in North American Zooarchaeology

[398] SYMPOSIUM ■ THE IMPERIAL CRAFT: COMPARATIVE PERSPECTIVES ON PRODUCTION AND SOCIETY IN EMPIRES

Room: Golden Gate 4

Time: 8:00 AM - 10:30 AM

Chairs: Bradley Sekedat and Steven Karacic

Participants:

- 8:00 Bradley Sekedat—Craft, Industry, and Landscape, in the Roman Imperial Marble Trade
- 8:15 Cathy Costin—Crafting Identity and Wealth on the North Coast of Peru
- 8:30 Amanda Aland and R. Alan Covey—Local Effects of Imperial Craft Production in Highland and Coastal Peru
- 8:45 Sonia Alconini—Frontier, Inka Craft Production and the Kallawayá Territory
- 9:00 Johanna Pacyga and François Richard—Crafting the Fringes of French Imperialism: Ceramic Politics in Siin, Senegal
- 9:15 Steven Karacic—Producing Pottery in a Province of the Hittite Empire
- 9:30 Bradley Parker—A Tale of Three Assemblages
- 9:45 Elizabeth Murphy—Tinker, Tailor, Soldier... Potter? Roman Legionary Ceramic Production and its Organization
- 10:00 Sarah Craft—Going Where the Job Takes You: Itinerant

- 10:15 Producers in the Eastern Roman Empire
Carla Sinopoli—Discussant

[399] SYMPOSIUM ■ THE EXPLOITATION OF LIMESTONE IN ANCIENT MESOAMERICA

Room: Golden Gate 2

Time: 8:00 AM - 10:30 AM

Chairs: Kenneth Seligson and Maria Ortiz Ruiz

Participants:

- 8:00 Luisa Straulino, Ana María Soler, Sergey Sedov, Sandra Balanzario and Teresa Pi —Dzibanché Stuccos: Arqueomagnetism Dating and Manufacture Techniques
- 8:15 Celine Gillot—A Geoarcheological Study of the Ancient Quarries of Río Bec (Campeche, México)
- 8:30 Bernadette Cap, Rachel Horowitz, Jason Yaeger and Mark Eli—From Quarry to Household: The Economics of Limestone Bifaces among the Classic Maya of Buenavista del Cayo, Belize
- 8:45 Marie Jackson and Gabriele Vola—Lime Preparation in Ancient Roman Architectural and Marine Mortars
- 9:00 Questions and Answers
- 9:15 Alejandra Alonso-Olvera, Nora Ariadna Perez, Jose Luis Ruvalcaba and Jaime Torres—Selective Use and Technology of Limestone and Lime Products Employed in Mosaic and Stucco Decorations in Ek' Balam
- 9:30 Kenneth Seligson, Tomás Gallareta Negrón and Rossana May Ciau—Ring Structures and Lime Production at the Ancient Maya Site of Kiuic
- 9:45 Maria Ortiz Ruiz—Archaeometry and Lime Kilns
- 10:00 Luis Barba—Discussant
- 10:15 Jose Ruvalcaba—Discussant

[400] SYMPOSIUM ■ ANARCHY AND ARCHAEOLOGY: CONTESTING HIERARCHY, POWER, AND AUTHORITY IN THE PAST AND TODAY

Room: Continental Parlor 2

Time: 8:00 AM - 10:30 AM

Chairs: Matthew Sanger and Lewis Borck

Participants:

- 8:00 Lewis Borck—Hidden Revolutions: Re-Examining Transitions in the American Southwest from an Anarchist and Network Perspective
- 8:15 Matthew Sanger—Animate Landscapes and the Transference

- of Authority: Resistance to Hierarchy among Hunter-Gatherers of the Eastern Woodlands
- 8:30 James Birmingham—Potsherds, Paving Stones, and Puppets: Possible Paths for an Anarchist Archaeology
- 8:45 Bill Angelbeck—Questioning the Capitalist Lens: Anarchism as a Critical Theory for Assessing Sociopolitical Dynamics in the Past
- 9:00 Theresa Kintz—Fields of Resistance: Reflections on Archaeology and Anarchist Praxis
- 9:15 Severin Fowles—On the War Machine
- 9:30 Edward Gonzalez-Tennant—Anarchy, Archaeology, and the Decolonization of Collaborative Heritage
- 9:45 Kenneth Sassaman—Discussant
- 10:00 Carole Crumley—Discussant
- 10:15 Questions and Answers

[401] GENERAL SESSION ■ NEOLITHIC AND CHALCOLITHIC ARCHAEOLOGY IN THE ANCIENT NEAR EAST

Room: Golden Gate 3

Time: 8:00 AM - 10:30 AM

Chair: Matthew Kroot

Participants:

- 8:00 Renee Ford, Tristan Carter and Elizabeth Healey—Sourcing Late Neolithic and Chalcolithic Obsidian from Iraq and Iran: New Perspectives from Tell Nader and Yanik Tepe
- 8:15 Estelle Herrscher, Adrian Balasescu, Modwene Poulmarc'h, Valentin Radu and Roman Hovsepyan—Isotope Diachronic Changes in Armenia during Neolithic and Chalcolithic Period: Environment, Herding Strategies, Human Dietary Practices
- 8:30 Frank Hole—Processes of Immigration and Adaptation in Late Chalcolithic Northeastern Syria
- 8:45 Emily Hubbard—Storage, Surplus and Wealth at a Chalcolithic Site in Israel
- 9:00 Gabrielle Borenstein—Emergent Spirituality: The Anthropomorphic and Zoomorphic Ossuaries of Peqi'in (Upper Galilee, Israel)
- 9:15 Matthew Kroot—Understanding Temporal Patterns of Occupation at Small Sites: The Case of Early Neolithic al-Khayran, West-Central Jordan
- 9:30 Philip Hitchings and Edward Banning—Predict and Confirm: Survey and Excavation at Three Candidate Sites for Late Neolithic Occupation in Wadi Quseiba, Jordan

- 9:45 Lamy Khalidi, Clément Ménard, Bernard Gratuze, Amélie Diaz and Edward Keall—Obsidian Value and Exchange in the Southern Red Sea Region and Its Role in the Establishment of Prehistoric Complex Societies: New Data from South Arabia and the African Horn
- 10:00 Maurizio Forte and Nicola Lercari—Digital Archaeology at Çatalhöyük: New Inferential Methods for the Interpretation of Neolithic Buildings
- 10:15 Hannah Lau—Cooperation and Feasting at Late Neolithic Domuztepe: Assessing Emergent Political Complexity through Faunal Remains

[402] GENERAL SESSION ■ STUDIES OF TECHNOLOGY, ECOLOGY, AND CRAFT PRODUCTION IN SOUTH, CENTRAL, AND WESTERN ASIA

Room: Golden Gate 1

Time: 8:00 AM - 10:30 AM

Chair: Yiu-Kang Hsu

Participants:

- 8:00 Ian Jones—Questioning Technological and Economic “Decline” in the Medieval Rural Levant
- 8:15 Kyle Olson—No Aryans Needed: Toward Explaining the Distribution of Burnished Grey Ware Ceramics of the Third Millennium in Northeastern Iran
- 8:30 Yiu-Kang Hsu, Peter Bray and Mark Pollard—A Novel Method to Hypothesize the Movements of Archaeological Metal: A Case Study on the Bronze Metallurgy in the Central Eurasian Steppe Belt by the Second Millennium BC
- 8:45 Alexis Torrano, Andreas Angourakis, Veronica Martinez and Josep Maria Gurt—CAMOTECCER: Beyond the shard. Modeling and Simulating Variability in Central Asian Pottery Technology
- 9:00 Siavash Samei and Karim Alizadeh—Craft Production and Specialization in the Transcaucasian Early Bronze Age: A View from Köhne Shahar, NW Iran
- 9:15 Yukiko Tonoike—Interactions during the Iron Age in the Lower Khabur Basin of Northeastern Syria: Insights from Ceramic Petrography
- 9:30 Aaron Gidding—Assessing Ancient Vertical Integration: Copper Production in Early Bronze Age Southern Levant
- 9:45 Praveena Gullapalli, Shinu Anna Abraham and K.P. Rao—Iron and Glass: Reconstructing (Overlapping) Technologies in Early South India

- 10:00 Nicholas Ames—In Smaller Things Forgotten: Using Microdebris to Enhance our Understanding of Middle Islamic Dhiban (Jordan)
- 10:15 Jonathan Baines—Plant Niche Construction; from Forager to Planter in the Zagros Mountains, Iran

[403] SYMPOSIUM ■ DIETARY BIOGRAPHIES: CHRONICLING PAST HUSBANDRY, MOBILITY, AND EXCHANGE PRACTICES THROUGH ISOTOPIC ANALYSIS OF PLANT AND ANIMAL TISSUES

Room: Yosemite C

Time: 8:00 AM - 10:45 AM

Chairs: Alicia Ventresca Miller and Cheryl Makarewicz

Participants:

- 8:00 Kaitlyn Laws, Cheryl Makarewicz and Isabella Von Holstein—Grazing Herds on a Modern Jordanian Landscape: $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ Analysis of Plants and Caprine Hair Keratin along an Altitudinal Cline
- 8:15 Maureen Marshall—(Re)Articulating Ancient Lives: Diet and Movement in Late Bronze Age Societies in the South Caucasus
- 8:30 Taylor Hermes—Bronze Age Mobility in Montane Ecosystems of Eastern Kazakhstan: A Preliminary Isotopic Investigation
- 8:45 Alicia Ventresca Miller—Modeling Bronze Age Isoscapes in the Eurasian Steppe: Identifying Subtle Variation in Pastoral Diet and Mobility
- 9:00 Damien Huffer, Christine France, Bruno Frohlich and Michelle Machicek—Stable Isotopic Insights into Changing Diets, Population Mobility and the Origins of Pastoral Nomadism in Early Bronze Age Mongolia
- 9:15 Asa Cameron—Herding Strategies during the Xiongnu Period of Mongolia: A Comparison in the Diet of Domestic Fauna from the Egiin Gol Valley and Baga Gazaryn Chuluu
- 9:30 Cheryl Makarewicz and Sarah Lublasser—Scales of Mobility: Oxygen ($\delta^{18}\text{O}$) and Carbon ($\delta^{13}\text{C}$) Isotopic Insights into Xiongnu Herding Practice
- 9:45 Heather Byerly, Jean-Luc Houle and Cheryl Makarewicz—Ritual and Mobility: $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ Analyses of Bronze Age Khirigsuur Horses from Khanuuy Valley, Mongolia
- 10:00 Isabella Von Holstein—Geographical Origin Assignment of Sheep Wool Textiles Using Light Stable Isotopes
- 10:15 Isabella Von Holstein—Discussant
- 10:30 Questions and Answers

[404] SYMPOSIUM ■ RECENT RESEARCH AND A CHRONOLOGICAL REEVALUATION OF THE VIRU-MOCHE-CHICAMA VALLEYS**Room:** Franciscan AB**Time:** 8:00 AM - 10:45 AM**Chairs:** Gabriel Prieto and Alicia Boswell**Participants:**

- 8:00 Gabriel Prieto—La Poza de Huanchaco: A Late Early Horizon – Early Intermediate Period Fishing Community: Social and Material Culture Interactions between Salinar and Gallinazo
- 8:15 Jordan Downey and Jean-François Millaire—Anchoring the Absolute to the Relative: Recent Chronological Research in the Virú Valley, Peru
- 8:30 Ari Caramanica—Irrigation Systems as a Chronological Proxy? Continuous Occupation at the Valley Edge, Chicama Valley, Peru
- 8:45 Jennifer Ringberg—Ceramic Petrography and Early Intermediate Period Interaction in the Moche Valley, Peru: Current Understanding and Future Research
- 9:00 Celeste Gagnon—To Live and Die in the City: Investigations of Health at the Huacas de Moche
- 9:15 Michele Koons—Southern Moche Politics Reevaluated: The Reconciliation of Relative (Ceramic Chronologies) and Absolute (Radiocarbon) Dates
- 9:30 Jeffrey Quilter—Linking Chronology, Culture History, and Culture Process in Moche Studies
- 9:45 Patrick Mullins—A Fortified Frontier—LIP Defensive Settlement in the Moche Valley
- 10:00 Alicia Boswell—Reassessing the Late Andean Period in the Moche Valley: The View from Cerro Huancha
- 10:15 Edward Swenson—Discussant
- 10:30 Brian Billman—Discussant

[405] SYMPOSIUM ■ MANAGING ARCHAEOLOGICAL HERITAGE IN THE 21ST CENTURY**Room:** Continental Ballroom Parlor 9**Time:** 8:00 AM - 11:00 AM**Chair:** Michael Nassaney**Participants:**

- 8:00 John H. Jameson—The New Public Archaeology: Evolving Concepts in International Public Archaeology and Interpretation
- 8:15 Kathryn Lafrenz Samuels—Parsing 'Public' for Heritage Management in the Transnational Sphere

- 8:30 Elizabeth Chilton—The Role of Intangible Heritage Values in the Management of Places and Things
- 8:45 Reginald Auger—Slavery and Memory in French Guiana: Designing the Commemoration of Memory at the Loyola Cemetery While Respecting Sensibilities of History
- 9:00 Robert Paynter—Critical Heritage Archaeology at the W.E.B. Du Bois Homesite
- 9:15 Katherine Shakour, Ian Kuijt and Tommy Burke—Sharing the Teapot and the Science: Challenges and Contributions in Shaping 21st Century Island Heritage in Ireland
- 9:30 Uzi Baram—Local Politics and Site Ownership: Archaeology in the Age of Lawfare
- 9:45 Andrew Beaupré—One Site, Multiple Pasts: Negotiating Identity and Archaeological Heritage along the US/Canadian Border
- 10:00 Sherene Baugher—Bottom-Up Heritage Management in Ithaca, New York: Community Initiatives and Collaborations with University Archaeologists
- 10:15 Richard Veit, Sean McHugh and Adam Heinrich—A Forgotten Town on a Forgotten Road: The Archaeology of Pine Barrens Heritage at the Storied Cedar Bridge Tavern
- 10:30 Douglas Wilson—Beyond the Four-Letter Word: Heritage Management and Public Archaeology at Fort Vancouver
- 10:45 Michael Nassaney—The Future of the Past at Fort St. Joseph, Niles, Michigan

[406] SYMPOSIUM ■ “BONES ARE NOT ENOUGH”: RESEARCH IN HONOR OF DIANE GIFFORD-GONZALEZ

Room: Yosemite B

Time: 8:00 AM - 11:00 AM

Chair: Judith Habicht-Mauche

Participants:

- 8:00 Karen Lupo—On Why We Still Need Ethnoarchaeology
- 8:15 Stanley Ambrose, Fiona Marshall and Steven Goldstein—Nutrient Hotspots and Pastoral Legacies in East African Savannas
- 8:30 Anneke Janzen and Marie Balasse—Migrations and Exchange: Early Pastoral Mobility in Kenya Assessed through Stable Isotope Analysis
- 8:45 Kathryn Twiss—Ecology, Ceremony, and Animal Bones from Southern Mesopotamia
- 9:00 Silvana Rosenfeld—Zooarchaeological Inferences and Analogical Reasoning at Chavin de Huantar (Peru)

- 9:15 Terry Jones and Ken Gobalet—Fish, Fishing, and Fish Bones on the Central California Coast
- 9:30 Cristie Boone—Big Reasons to Eat Small Fishes: Nutritional Composition and Subsistence Decisions along California's Central Coast
- 9:45 Gary Brown—What's In the Oven? Specialized Processing, or Mixed Food Preparation in the Chumash Kitchen
- 10:00 Laura Scheiber—The Future of Zooarchaeological Collections in Twenty First-Century Scholarship
- 10:15 Jun Sunseri—A Saint Jude's Box for Zooarchaeologists In the Making
- 10:30 Noah Thomas—Parallel Practices: The Importance of Joining Creative Action and the Sciences in the Work and Legacy of Diane Gifford Gonzalez
- 10:45 Mary Stiner—Discussant

[407] SYMPOSIUM ■ ENVIRONMENTAL ARCHAEOLOGICAL APPROACHES IN SOUTHEAST ASIA

Room: Union Square 25

Time: 8:00 AM - 11:30 AM

Chairs: Hannah Van Vlack and Cyler Conrad

Participants:

- 8:00 Youping Wang—The Late Pleistocene Environment and Lithic Technology in South China
- 8:15 Seungki Kwak—Farming as a Dominant Subsistence Strategy?: Organic Geochemical Analyses on Potsherds from Prehistoric Korean Peninsula
- 8:30 Michael Dega and Kyle Latinis—The Social and Ecological Characteristics of Prehistoric Cambodian Earthworks
- 8:45 Nigel Chang—Archaeometallurgy, Environment & Landscape in Upland Laos: Its Impact on 'World-Views' during the Transition from the Bronze Age to Early States in SE Asia
- 9:00 Tegan Hall and Dan Penny—Regional Settlement Responses of the Khmer Empire to Environmental Stress and Angkor Abandonment
- 9:15 Jacob Gold—"The Negotiated Wild: Khmer-Kuy Relations and the Politics of Habitat in Lowland Cambodia before 1970"
- 9:30 Puangtip Kertsap—Environmental Archaeology of Spinning, Weaving and Dyeing in Ancient Thailand
- 9:45 Chin-hsin Liu and John Krigbaum—Human Dietary Responses to the Ecological Instability of Prehistoric Khao Wong Prachan Valley, Thailand: Corroboration between Paleobotany and

- Skeletal Chemistry
- 10:00 Cyler Conrad—Forager Efficiency, Demographic Shift and Environmental Change: Re-Evaluating the Broad Spectrum Revolution in Mainland Southeast Asia
- 10:15 Hannah Van Vlack—Khao Toh Chong Rockshelter, Krabi: A Reflection on Human Behavioral Adaptations Driven by Environmental Change during Prehistory
- 10:30 Supalak Mithong—An Analysis of Reptile Bone from an Excavation at Moh-Khiew Cave, Krabi Province, Thailand
- 10:45 Deanna De Boer, Zara Steinhart, Ben Marwick, David Bulbeck and Sue O'Connor—Stone Artefacts from Southeast Sulawesi: Technology Beyond the Toalean
- 11:00 Daniel Michael and Julien Riel-Salvatore—Human Ecology and Lithic Technology in Late Pleistocene SE Asia: A Whole Assemblage Perspective
- 11:15 Ben Marwick—Discussant

[408] SYMPOSIUM ■ THE MIRADOR BASIN: NEW INVESTIGATIONS AND CONSERVATION PROGRAMS

(Sponsored by Foundation for Anthropological Research & Environmental Studies (FARES); University of Utah)

Room: Imperial Ballroom B

Time: 8:00 AM - 11:45 AM

Chairs: Richard Hansen and Stanley Guenter

Participants:

- 8:00 Richard Hansen and Edgar O. Suyuc—The Mirador Basin: A Synthesis of Research and Conservation Programs in Northern Guatemala
- 8:15 Marvin Prado, Carlos Morales, Richard Hansen and Douglas Mauricio—El Mirador Mapping Program 2003–2015: Investigation of an Ancient Maya City with Total Station, Remote Sensing and GIS
- 8:30 Thomas Schreiner, Enrique Hernandez, David Wahl and Richard Hansen—Preclassic Causeways of the Mirador Basin, Guatemala
- 8:45 Lysanna Anderson and David Wahl—Records of Holocene Biomass Burning, Environmental Change, and Human Occupation in the Southern Maya Lowlands
- 9:00 Glenna Nielsen-Grimm, Greg Farley, Edgar Ortega and Richard D. Hansen—Central Plaza Excavations at El Mirador
- 9:15 Enrique Hernandez, Richard Hansen, Francisco Lopez, Thomas Schreiner and Marvin Prado—Tintal, a Late Preclassic

- 9:30 Maya City in the Mirador Basin, Peten, Guatemala
AnaBeatriz Balcarcel—Arquitectura Preclásica en el Grupo Balam Acrópolis Central de El Mirador, Peten
- 9:45 Josué R. García García—Virtual Graphic Representation and Urban Analysis Architectural Grand Central Acropolis: Main Access and Structure 4D1-20 El Mirador, Petén; Guatemala
- 10:00 Kevin Johnston, Richard Hansen, Beatriz Balcarcel and Carlos Morales-Aguilar—Non-Mounded Architecture, Invisible Housemounds, and the Problem of Settlement Identification and Demographics in the Mirador Basin
- 10:15 Jordan Krummel—A Bioarchaeological Analysis of Human Remains on the Summit of Tigre Pyramid, El Mirador, Guatemala
- 10:30 Donald Forsyth—The Ceramics of the El Mirador Region: An Update
- 10:45 Oscar Lopez and Stanley Guenter—Patrons and Artists: New Information on the Producers of Codex-Style Ceramics of the Mirador Basin
- 11:00 Douglas Mauricio—Las cabezas de estuco, recuperadas en el Grupo Casa del Coral, El Mirador, Peten
- 11:15 Donald Forsyth—Discussant
- 11:30 Richard Hansen—Discussant

[409] SYMPOSIUM ■ ARCHAEOLOGICAL APPLICATIONS OF UNMANNED AERIAL SYSTEMS (DRONES)

Room: Golden Gate 7

Time: 8:00 AM - 11:45 AM

Chairs: Gerardo Gutierrez and Michael Searcy

Participants:

- 8:00 Jay Silverstein, Ishiba Ranoli Oñasoje, Sarah Chapman and Robert Littman—Modeling Space at Tell Timai: Composite Imaging at Greco-Roman Thmuis, Egypt
- 8:15 Israel Hinojosa-Balino and Henrik Brahe—Unearthing a Town from the Sky: Kom Wasit, the Bird's Eye Archaeological Point of View
- 8:30 Morag Kersel and Austin Hill—Landscapes of the Dead: Mapping, Survey, and Site Monitoring at Fifa, Jordan
- 8:45 Marco Pacheco Gonzalez, Gerardo Gutierrez and Felipe Ramirez-Sánchez—Los mapas arqueológicos de Cuicuilco y El Salto: Fotogrametría aérea con drones para el registro y preservación del patrimonio arqueológico
- 9:00 B. Sunday Eiselt, J. Andrew Darling, Samuel Duwe, Chet

- Walker and Mark Willis—Groundtruthing from the Air: Reconstructing Tribal Agricultural and Landscape Systems in the Lower Chama Valley, New Mexico Using Low Elevation UAV Technology
- 9:15 César Parcero-Oubiña, Patricia Mañana-Borrazás, Alejandro Güimil-Fariña, Mariela Pino and César Borie—A UAV-Based Approach for a Cost-Efficient Documentation of Agrarian Structures in the Arid Atacama Area (N. Chile)
- 9:30 Mark Willis, Eleanor Harrison-Buck and Chester Walker—Rapid Survey, Salvage, and Mapping Using Drones in an Ancient Maya Landscape: New Settlement Revealed at the Crossroads of Saturday Creek, Belize
- 9:45 Grace Erny, Gerardo Gutierrez, Alyssa Friedman, Melanie Godsey and Machal Gradoz—Archaeological Topography: Comparing Digital Photogrammetry Taken with Unmanned Aerial Vehicles (UAVs) versus Standard Surveys with Total Stations
- 10:00 Dominique Meyer, Eric Lo, Aliya Hoff, Mike Hess and Falko Kuester—Utility of Low-Cost Drones to Generate 3D Models of Archaeological Sites from Multisensory Data
- 10:15 Christopher Lee, Carl Lipo and Suzanne Wechsler—Small Commercial Aerial Platforms for the Generation of Systematic, High-Resolution, Multi-Spectral Imagery and Photogrammetry: Trimble UX5 and X100
- 10:30 Robert Mark and Evelyn Billo—Low Altitude Unmanned Aerial Photography to Assist in Rock Art Studies
- 10:45 Austin Hill and Andrew Petersen—UAVs at Ruwayda, Qatar: Photogrammetry and Thermal Imaging for Feature Detection and Site Recording
- 11:00 Michael Searcy—Navigating the FAA's Turbulent Airspace in the United States regarding UAVs
- 11:15 Jesse Casana, Adam Wiewel and Autumn Cool—Archaeological Aerial Thermography in Theory and Practice
- 11:30 Luis Castillo Butters—Preserving Archaeology with Drones in Peru

[410] SYMPOSIUM ■ THE BIOARCHAEOLOGY OF OAXACA: TALKING WITH THE DEAD FROM SOUTHERN MEXICO

Room: Plaza B

Time: 8:00 AM - 11:45 AM

Chair: Ricardo Higelin Ponce De Leon

Participants:

- 8:00 Guy Hepp, José Aguilar and Paul Sandberg—Death on the Early Formative Oaxaca Coast: The Human Remains of La Consentida
- 8:15 Jose Cervantes Perez, Tito Mijangos and Agustin Andrade Cuautle—Representación Bioarqueológica de la colectividad funeraria en San Sebastián Etla, Oaxaca
- 8:30 Arthur Joyce, Arion Mayes, Bethany Weisberg and Chris Morgan—The Bioarchaeology of the Cerro de la Cruz Cemetery
- 8:45 Jeffrey Blomster—Living on the Dead in the Mixteca Alta, Oaxaca
- 9:00 Angel Rivera—Un estudio sobre la iconografía de los huesos grabados de la Mixteca Baja
- 9:15 Sarah Barber, Arion Mayes and Arthur Joyce—The Rio Viejo Weaver: Burial Practices, Osteobiography, and the Early Classic Collapse
- 9:30 Arion Mayes, Sarah Barber, Arthur Joyce and Christopher Morgan—Intra-and-Inter Regional Variation of Dental Modification and Social Complexity: a Test Case from the Lower Río Verde Valley, Oaxaca
- 9:45 Ernesto Gonzalez-Licon—The Elite of Monte Albán as Biosocial Group. Methodological Considerations
- 10:00 Lourdes Marquez-Morfin and Ernesto Gonzalez-Licon—Children as Social Actors within the Domestic Group at Monte Albán, Oaxaca. Mexico
- 10:15 Andrea Cucina—Oaxaca and its Eastern Neighbors in Prehispanic Times: Population Movements from the Perspective of Dental Morphological Traits
- 10:30 Ricardo Higelin Ponce De Leon—The Bioarchaeological Paradigm of Human Remains Decay in the Zapotec Mortuary and Funerary Rituals
- 10:45 Martha Alfaro, Dr. Andrea L. Waters-Rist; and Danny Zborover—An Osteobiography of a Oaxacan Chontal Young Adult Female
- 11:00 Stacie King and Ricardo Higelin Ponce de Leon—Mortuary Practices in the Nejapa Region of Oaxaca, Mexico
- 11:15 Della Cook—Discussant
- 11:30 Vera Tiesler—Discussant

**[411] SYMPOSIUM ■ ITINERANT MATTERS AND HYBRID OBJECTS:
RESEARCH ON MATERIAL TRANSFERS AND CONTACT PRODUCTS
Room: Golden Gate 5
Time: 8:00 AM - 12:00 PM**

Chairs: Maria Masucci and Isabelle Druc

Participants:

- 8:00 Alan Greene—Local, Regional, and Supra-Regional Political Economies in the Late Bronze Age South Caucasus: Unpacking the Contours of “Interaction”
- 8:15 Robert Tykot—Long Distance Material Movement in the Mediterranean: Obsidian Transport, Trade, and Technology
- 8:30 Peter Day and Vassilis Kilikoglou—Revealing the Common Ground: Technological Practice, Intrusive Shapes and Hybrid Pastes in the Kampos Group Pottery of Crete
- 8:45 Thilo Rehren, Maninder Gill and Ian Freestone—Cultural Transmissions and Indigenous Influences: Glazed Tiles from Mughal India
- 9:00 John Hoopes—Imitating from Memory: Hybrid Vessels and Attempted Replications of Stylistic Elements from Central Panama in the Pre-Hispanic Ceramics of Costa Rica
- 9:15 Patricia Netherly—Spondylus and Ideology: 5000 Years of Interaction between Manabi, the Circum-Gulf of Guayaquil Region and Northern Peru
- 9:30 Amber Anderson, Samuel Connell, Chad Gifford and Siobhan Boyd—Local and Inca Cross Regional Interactions: Studies from the Northern Ecuador Frontier
- 9:45 Lidio Valdez—Cultural Interaction and Cultural Change in the Peruvian Central Highland Valley of Ayacucho
- 10:00 Luis Armando Muro, Nino Del Solar, Luis Jaime Castillo and Remy Chapoulie —Characterizing the Relationship between Two Early States of the Andes: The Moche, The Wari and the Product of their Contact. An Archaeological and Archaeometric Perspective
- 10:15 Jennifer Siegler—Chimú-Inka Ceramics: Quantifying Differences between Colonial Forms and Their Influences
- 10:30 Thomas Hardy—Hybridized Objects and Colonization Practices: Ceramics from Minaspata, Cuzco, Peru
- 10:45 Scott Smith—The Politics of Connectivity at Khonkho Wankane, Bolivia
- 11:00 Veronica Williams—Wares in Moving: People, Technology and Political Issues in Northwest Argentina
- 11:15 Veronica Acevedo—Alfarería en las fronteras de La Quebrada de Humahuaca, Jujuy, Argentina (Ceramics at the borders of the Humahuaca Quebrada, Jujuy Argentina)
- 11:30 Beatrix Hoffmann-Ihde—Identifying Transcultural Processes: The Wayana-Apalai and Tiriyo example
- 11:45 Andrew Roddick—Discussant

[412] SYMPOSIUM ■ EXOTIC, LUSTROUS, AND COLORFUL: OBSIDIAN IN SYMBOL, SOCIETY, AND CEREMONY
(Sponsored by International Association for Obsidian Studies)

Room: Franciscan CD

Time: 8:00 AM - 12:00 PM

Chairs: Robin Torrence and Carolyn Dillian

Participants:

- 8:00 Ellery Frahm—Exploring Hominin Cognition via Palaeolithic Obsidian Provisioning, Transport, and Technology
- 8:15 Theodora Moutsiou—From Raw Material to Symbol of Social Value: Obsidian Movement in the Palaeolithic
- 8:30 Elizabeth Healey and Stuart Campbell—More Than Just a Shiny Stone? The Sources and Significance of Obsidian Found in Early State Contexts in the Near East
- 8:45 Kyle Freund, Robert Tykot and Andrea Vianello—A Longue Durée Approach to Obsidian Consumption and Social Value in Prehistoric Sicily (Italy)
- 9:00 Mara Mulrooney, Andrew McAlister, Christopher M. Stevenson and Alexander E. Morrison—Sourcing Rapa Nui mata'a from the Collections of Bishop Museum Using Non-Destructive pXRF
- 9:15 Rennie Horneman, Carl Lipo, Terry Hunt and Vincent Bonhomme—Morphometric Analysis of Stemmed Obsidian Tools from Rapa Nui (Easter Island, Chile)
- 9:30 Robin Torrence—More Than a Pretty Face? Exploring the Allure of Obsidian Valuables from Papua New Guinea
- 9:45 Pip Rath—Negotiating Social Identity through Practices with Stone
- 10:00 Marisa Lazzari and Marina Sprovieri—Weaving People and Places: A Long-Term Term Perspective on Obsidian Circulation and Social Value in NW Argentina
- 10:15 Karen Holmberg—The Vast and Secret Museum of Chiriqui: Stripping the Sharpness and Beauty from Obsidian
- 10:30 Jeanne Lopiparo—Crafting Houses for the Living and the Dead: Obsidian Production, Multicrafting, and Household Identities at a Classic Maya Center, Chinikihá, Mexico
- 10:45 Lucas Martindale Johnson—Preliminary Interpretations of the Reduction Technology and Distribution of Obsidian Cores at Caracol, Belize: Learning to Reconsider Maya “Eccentrics” and Social Relations of Ritual Objects
- 11:00 Carolyn Dillian—Evocative Stones: Variable Obsidian Source Use in Northern California
- 11:15 Steven Brandt—Not Always Shiny and Pretty: The Darker Side of Obsidian in Symbolizing Power, Ethnicity and Inequality in

- Contemporary Ethiopia
 11:30 Jeffrey Ferguson—Discussant
 11:45 Tristan Carter—Discussant

[413] SYMPOSIUM ■ PORTS, TRAILS, AND WATERWAYS: TRADE AND ECONOMY IN THE ANCIENT MAYA WORLD

Room: Continental Ballroom 4

Time: 8:00 AM - 12:00 PM

Chairs: Arthur Demarest and Heather McKillop

Participants:

- 8:00 Collin Gillenwater and Marilyn Masson—From Coast to Coast: Trade Routes and Commerce of Northwest Yucatán's Mayapán
- 8:15 Anthony Andrews and Fernando Robles—An Intracoastal Waterway and Port System in Classic Period Northwest Yucatán, Mexico
- 8:30 Rafael Cobos—Chichén Itzá and Its Maritime Ports during the Terminal Classic Period
- 8:45 Thelma Noemi Sierra Sosa—El Comercio en el Norte de la Península de Yucatán Visto a Través del Sitio Clásico de Xcambó, Yucatán
- 9:00 Dominique Rissolo and Jeffrey B. Glover—Shifting Tides along the North Coast of Quintana Roo: Recent Research at Conil and Vista Alegre
- 9:15 Allan Ortega, T. Douglas Price, James E. Burton, Andrea Cucina and Vera Tiesler—Population Movements, Trading, and Identity along the East Coast of Postclassic Yucatan. Dental Morphology, Isotopic Provenience Analyses and Body Modifications in Human Series from El Meco, El Rey, and Tulum, Quintana Roo, Mexico
- 9:30 David Freidel, Mary Jane Acuña and Carlos Chiriboga—Inland Ports in Northwestern Peten, Guatemala, a Preliminary Assessment
- 9:45 Matthew Moriarty and Ellen Moriarty—Overland Trade in the Central Maya Lowlands: The View from Trinidad de Nosotros, El Petén, Guatemala
- 10:00 Prudence Rice and Don Rice—Ixlu': A Postclassic Entrepôt on Lake Petén Itzá
- 10:15 Arthur Demarest, Chloe Andrieu, Ronald Bishop, Paola Torres and Melanie Forne—Transformations in Political Economy and Routes of Exchange on the Eve of the Classic Maya Collapse: New Evidence from the Port Kingdom of Cancuen and the Classic Maya Frontier

- 10:30 E. Cory Sills, Linda Howie and Heather McKillop—Ancient Maya Trade and Communication as Evidence by Petrographic and Iconographic Analysis of Unit-Stamped Pottery
- 10:45 Heather McKillop—Wild Cane Cay, Southern Belize: Major Classic to Postclassic Maya Trading Port
- 11:00 Thomas Guderjan—Riverine and Maritime Trade Routes on Caribbean Side of the Yucatan Peninsula
- 11:15 Elizabeth Graham and Scott Simmons—Balance of Trade, Balance of Power: Marine and Riverine Networks in Belize
- 11:30 Robin Robertson and Debra Walker—Prospering in Place: Cerro Maya and the Late Preclassic Exchange Networks
- 11:45 Anthony Andrews—Discussant

[414] SYMPOSIUM ■ NEW PERSPECTIVES ON AGRICULTURAL ORIGINS
(Sponsored by Archaeological Science Programs, The Australian National University; Comparative Pathways to Agriculture)

Room: Continental Ballroom 5

Time: 8:00 AM - 12:00 PM

Chairs: Dorian Fuller, Bruce Smith and Melinda Zeder

Participants:

- 8:00 Bruce Smith—Discussant
- 8:15 Gary Crawford—Niche Construction and Early Agriculture in Northeastern North America
- 8:30 Christine Hastorf—Agriculture is a State of Mind—The Andean Potato's Unending Domestication
- 8:45 Melinda Zeder—Feast or Famine: The Broad Spectrum Revolution Revisited
- 9:00 Eleni Asouti—Climate Instability and the Origin of Farming in Southwest Asia
- 9:15 Leilani Lucas and Dorian Fuller—De-Centering the Fertile Crescent: Multiple Pathways to Food Production
- 9:30 Jean-Denis Vigne—Discussant
- 9:45 Chris Stevens—Exploring the Multiple Pathways Towards Agriculture within China, the Case for Rice and Millets
- 10:00 Gyoung-Ah Lee—Niche Construction of Agricultural Communities in the Yiluo and Guanzhong Regions of Northern China in the Mid-Holocene
- 10:15 Charlene Murphy—Un-Entangling Pulse Domestication in South Asia
- 10:30 Eleanor Kingwell-Banham—From Wild Rice Harvesting to Domestic Rice Agriculture in South Asia

- 10:45 Huw Barton—Fallow Management and the Origins of Swidden Agriculture in the Tropics
- 11:00 Tim Denham—Early Cultivation Practices and Plant Domestication in New Guinea and Island Southeast Asia
- 11:15 Elisabeth Hildebrand and Anneke Janzen—The Nile vs. the Rift: Exploring Contrasts in the Spread of Food Production in Africa ~4200 bp
- 11:30 Fiona Marshall and Jose Capriles—Transport animals and Distinctive Pathways to Domestication
- 11:45 Dorian Fuller—Pastoral Pathways to Plant Domestication: Current Evidence for African Pearl Millet and Sorghum in Comparative Perspective

[415] SYMPOSIUM ■ CELEBRATING THE 100TH ANNIVERSARY OF THE DEATH OF PRIMITIVE ECONOMIC MAN: NUTRITIONAL ARCHAEOLOGY FOR THE 21ST CENTURY

Room: Continental Ballroom 6

Time: 8:00 AM - 12:00 PM

Chair: Bryan Hockett

Participants:

- 8:00 Tim Ferguson—Human Ecology and the Economy: Illogical Responses to Resource Risk in Southern Nevada
- 8:15 R. Matson—The Nutritional Context of the Pueblo III Depopulation of the Northern San Juan: Too Much Maize?
- 8:30 Jaime Dexter Kennedy and Geoffrey M. Smith—Paleoethnobotany at LSP-1 Rockshelter, Lake County, OR: Assessing the Dietary Diversity of Plant Foods in Holocene Diet
- 8:45 Alexandra Greenwald, Jelmer Eerkens and Eric Bartelink—Childhood Diet and Foraging in Prehistoric Central California
- 9:00 Madonna Moss—The Nutritional Value of Pacific Herring: An Ancient Cultural Keystone Species on the Northwest Coast of North America
- 9:15 Jelmer Eerkens, Robert Bettinger and Ryan Nesbit—Shellfish and Nutrition in San Francisco Bay: Clues from Seasonality Studies
- 9:30 Wendy Nelson—Diet, Sex, and Fitness: The Nutritional Potential of the Fish Slough Cave Diet Revisited
- 9:45 Isabel Dos Santos, Luciana Sianto, Sheila Mendonça de Souza, Adauto Araújo and Sérgio de Miranda Chaves—Analysis of Food Remains in Human Coprolites from Furna do Estrago Prehistoric Site, Pernambuco State, Brazil
- 10:00 Barbara Klontz and Linda Scott Cummings—PaleoNutrition,

- Coprolites, and Hemachromatosis: What is the Connection?
- 10:15 Elizabeth Nelson and Christine Halling—Don't Drink the Water: Differential Diagnosis of a Pathological Process Present at the Ray Site and Discussion of Environmental Context
- 10:30 M. J. Mosher—Can Epigenetic Mechanisms Illuminate Dietary Ancestry in Populations?
- 10:45 David Raubenheimer—The Nutritional Ecology of Human Obesity
- 11:00 Domingo Carlos Salazar-García, Chelsea A. Leonard, Robert C. Power, Stephanie L. Schnorr and Amanda G. Henry—Plant Food Consumption among Modern Foragers Informs Paleolithic Dietary Ecology
- 11:15 Laura Buck, J. Colette Berbesque, Brian Wood and Chris Stringer—An Extant Example of Warm-Climate Forager Gastrophagy and Its Implications for Extinct Hominin Diets
- 11:30 Liam Frink and Celeste Giordano—The Birth of Economic Woman
- 11:45 Bryan Hockett—Primitive Economic Man: R.I.P.

[416] SYMPOSIUM ■ SPANISH TO THE SILICON: THE DIVERSITY OF SAN FRANCISCO HISTORICAL ARCHAEOLOGY

Room: Plaza A

Time: 8:00 AM - 12:00 PM

Chair: Kari Lentz

Participants:

- 8:00 Randall Dean—Use of Archeological Districts in San Francisco
- 8:15 Kari Jones—Before San Francisco: The Archaeology of El Polin Spring in the Presidio of San Francisco
- 8:30 Russell Skowronek and Ronald Bishop—Ceramic Production, Supply, and Exchange in the San Francisco Presidio Jurisdiction
- 8:45 Michelle Cross—A Freeway through the Past: The Replacement of Doyle Drive through the Presidio of San Francisco National Historic Landmark
- 9:00 Peter Gavette and Leo Barker—A Civil War Period Ossuary Pit, Point San Jose Hospital Site, San Francisco
- 9:15 Hannah Ballard and Elena Reese—Life on Grove Street: Victorian Households in Hayes Valley, San Francisco
- 9:30 Teresa Bulger—Poverty, Motherhood, and Childhood in 19th-Century San Francisco
- 9:45 Adrian Praetzelis and Mary Praetzelis—Archaeology of San Francisco Jews

Sunday Morning, April 19

- 10:00 Allison Vanderslice and Randall Dean—Assessing Archaeological Sensitivity in San Francisco
- 10:15 Nazih Fino—GIS Model Development for Historic Census Data in San Francisco
- 10:30 James Delgado—Archaeology of the Gold Rush Waterfront
- 10:45 Kari Lentz—Tokens of Travel: Material Culture of Transoceanic Journeys in San Francisco
- 11:00 James Allan—They Build Ships There: Gold-Rush San Francisco's Maritime Industries
- 11:15 John Schlagheck, Dave Casebolt and Eloise Warren—A Mid-19th Century Lighter from San Francisco Bay's Yerba Buena Cove: Context, Documentation and Conservation
- 11:30 Mark Walker and Whitney McClellan—Maritime Households in San Francisco
- 11:45 Randall Dean—Discussant

[417] GENERAL SESSION ■ ARCHAEOLOGY OF THE BRONZE AGE**Room:** Continental Parlor 3**Time:** 9:30 AM - 10:45 AM**Chair:** Nadya Prociuk**Participants:**

- 9:30 Nadya Prociuk—Marking Your Place: Exploring the Symbolic Communication of Identity in the Castro Culture of North-Western Portugal during the Bronze and Iron Ages
- 9:45 Jess Whalen—Feasting, Shared Drinking, and Social Complexity in Early Bronze Age Anatolia
- 10:00 Eleanora Reber—Wine or Wax?: Organic Residue Analysis on Pottery from the Early Bronze I at Nahal Tillah
- 10:15 Robert Schon—The Performativity of Measurement
- 10:30 Francesca Cadeddu—Settlement Strategies and Environmental Features in the Sardinian Bronze Age: a Remote Sensing Approach

[418] GENERAL SESSION ■ ISSUES OF HERITAGE, ETHICS, INFORMATION DISSEMINATION, AND ARCHAEOLOGICAL PRACTICE**Room:** Golden Gate 8**Time:** 10:15 AM - 11:45 AM**Chair:** Michelle Turner**Participants:**

- 10:15 Michelle Turner—The Appropriation of Native American Cultural Property: Comparing the U.S. and French Contexts

Sunday Morning, April 19

- 10:30 Patrick Hadel, Terendagva Yadmaa, Joan Schnieder and Jennifer Farquhar—Working Towards an Exportable Indigenous Heritage Management and Cultural Ranger Program in the Ikh Nart Nature Reserve, Mongolia
- 10:45 Beth Padon—Indifference, Inertia, Limited Budgets, and Preservation: Insights from Site Stewardship Programs
- 11:00 Ricardo Elia and Amalia Perez-Juez—Challenges in Integrating Archaeology into Late-Period Preservation Projects: An Example from Menorca, Spain
- 11:15 Daniel Thompson—Exploring the Ethics of Archaeological Site Prospection in Google Earth
- 11:30 Ilaria Meliconi—Publishing Masterclass

SAA Awards, Scholarships, & Fellowships

AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS

Established in 2001, this award recognizes the excellence of an archaeologist whose innovative and enduring research has made a significant impact on the discipline. Nominees are evaluated on their demonstrated ability to successfully create an interpretive bridge between good ideas, empirical evidence, research, and analysis. This award now subsumes three themes presented on a cyclical basis: (1) an Unrestricted or General Category; (2) Lithic Analysis; and (3) Ceramic Analysis.

2001	George L. Cowgill
2002	Robin Torrence
2003	Carol Kramer (<i>posthumous</i>) Hector Neff
2004	David Lewis-Williams
2005	George H. Odell
2006	Michael Brian Schiffer
2007	Robert L. Bettinger
2008	William Andrefsky, Jr.
2009	Judith Habicht-Mauche
2010	Timothy A. Kohler
2011	Steven Shackley
2012	James Skibo
2013	Gayle Fritz
2014	Harold Lewis Dibble

	Jacobson, Karen Ramey Burns, & Kenton Spading
2004	Brian Fagan
	T.J. (Tony) Wilkinson
2005	Susan Toby Evans
	Kelley Hays-Gilpin
2006	Peter Bellwood
	James E. Bruseeth & Toni S. Turner
2007	Kristian Kristiansen & Thomas B. Larsson
	Bradley T. Lepper
2008	Tom Dillehay
	James W. Bradley
2009	Lothar Von Falkenhausen
	Jack Brink
2010	David W. Anthony
	Rebecca Yamin
2011	Vernon James Knight, Jr. Steven Simms
2012	Matthew Richard Des Lauriers
	Terry Hunt
	Carl L. Lipo
2013	Elizabeth Arkush
	Patrick Kirch
2014	Michael L. Galaty
	Ols Lefe
	Wayne E. Lee
	Zamir Tafilica
	Jerry D. Moore

BOOK AWARD

Established in 1995 to honor a recently published book that has had, or is expected to have, a major impact on the direction and character of archaeological research. The prize was awarded for the first time at the 61st Annual Meeting.

1996	Mary C. Stiner
1997	Bruce D. Smith Carmel Schrire
1998	Tom D. Dillehay Stephen Plog
1999	Mark Lehner Jon Muller
2000	Clive Gamble
2001	William W. Fitzhugh Elisabeth I. Ward
2002	Lewis Binford Anne-Marie Cantwell & Diana DiZerega Wall
2003	Kathleen Deagan & José María Cruxent Thomas F. King, Randall S.

AWARD FOR EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY

Initiated in 2010 to recognize an individual who has made a lasting and significant contribution to the practice of archaeology and/or to the construction of archaeological knowledge in Latin America or the Caribbean.

2011	Jeremy A. Sabloff
2013	Luis Guillermo Lumbrales Salcedo
2014	Luis Alberto Borrero

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
2011 George Poetschat
2012 John T. Dowd
2013 Edward and Diane Stasack
2014 Francis H. "Frankie" Snow

**AWARD FOR EXCELLENCE IN CULTURAL
RESOURCE MANAGEMENT**

Established in 1994 to recognize lifetime contributions and special achievements by an archaeologist in one of three areas: program administration and management, site preservation, and research. Each year the award is given in one area on a rotating basis.

- 1994 Hester A. Davis
1995 Lawrence E. Aten
Calvin R. Cummings
Shereen Lerner
1995 Charles R. McGimsey III
1996 William R. Hildebrandt
1997 James J. Miller
1998 David A. Frederickson
1999 David G. Anderson
2000 Robert Jackson
2002 Laurence W. Spanne
2003 John Milner Associates & The
General Services
Administration
2004 Linda Mayro
2005 Arizona Site Steward Program
2007 George Smith
2008 John Walthall
2009 Mike Beckes
2010 William H. Doelle
2011 Nelly Robles Garcia
2013 Henry D. Wallace
2014 Mark Michel

DISSERTATION AWARD

Presented to an archaeologist just entering the profession whose doctoral dissertation is judged to be particularly outstanding. The prize consists of three-year membership in the society.

- 1988 Judith A. Habicht Mauche
(Harvard Univ)
1990 David J. Bernstein (SUNY-
Binghamton)
1991 David Anderson
(Univ of Michigan)
1992 Lynette C. Norr
(Univ of Illinois)
1993 Cathy Lebo (Indiana Univ)
1994 Mary Van Buren
(Univ of Arizona)
1995 David R. Abbott
(Arizona State Univ)
1996 Daniel R. Finamore
(Boston Univ)
1997 Alvaro Higuera-Hare
(Univ of Pittsburgh)
1998 Mark D. Varien
(Arizona State Univ)
1999 Karen G. Harry
(Univ of Arizona)
2000 Alex Barker
(Univ of Michigan)
2001 Andrew I. L. Duff
(Arizona State Univ)
2002 Silvia R. Kembel
(Stanford Univ)
2003 Wesley Bernardini
(Arizona State Univ.)

- 2004 Ian G. Robertson
(Arizona State Univ)
2005 Severin M. Fowles
(University of Michigan)
2006 Elisabeth Hildebrand
(Washington University)
2007 Matthew Liebmann
(University of Pennsylvania)
2008 Kevin D. Fisher
(University of Toronto)
2009 Timothy C. Messner
2010 Sarah Clayton
(Arizona State University)
2011 Scott G. Ortman
(Arizona State University)
2012 Christopher Morehart
(Northwestern University)
2013 Amanda Logan
(University of Michigan)
2014 Matthew A. Peeples
(Arizona State University)

DISTINGUISHED SERVICE AWARD

(Succeeded by the Lifetime Achievement Award in 2001)

Presented annually to a member for specific accomplishments that are truly extraordinary, widely recognized as such, and of a positive and lasting quality. Recognition can be granted in a wide range of areas relating to archaeology. First awarded in 1975, SAA decided in 1980 to make the award on an annual basis.

- 1975 Carl Haley Chapman
Charles Robert McGimsey III
1980 Gordon Randolph Willey
1981 Albert Clanton Spaulding
1982 Jesse David Jennings
1983 Hannah Marie Wormington
1984 James Bennett Griffin
1985 Emil Walter Haury
1986 Waldo R. Wedel
1987 William A. Ritchie
1988 Richard B. Woodbury
Nathalie F. S. Woodbury
1989 George Irving Quimby
1990 Fred Wendorf
1991 Douglas Schwartz
1992 John E. Yellen
1993 George J. Gumerman
1994 Hester A. Davis
1995 Stuart Struever
1996 Robert McCormick Adams
1997 Dena Dincauze
1998 Raymond H. Thompson
1999 James A. Brown
2000 William D. Lipe

FRYXELL AWARD FOR INTERDISCIPLINARY RESEARCH

Initiated in 1977 to specially recognize interdisciplinary excellence by a distinguished scientist, who need not be an archaeologist but whose research has contributed significantly to American archaeology. Each year the award is based on practice in one of five disciplines: earth sciences, physical sciences, general interdisciplinary studies, zoological sciences, and botanical sciences. The award, which consists of a citation and a medallion, was named in memory of Roald Fryxell, whose career exemplified so well the crucial role of interdisciplinary cooperation in archaeology.

- 1978 C. Vance Haynes
1979 Peter J. Mehringer
1980 James B. Griffin
1981 Karl W. Butzer
1982 David J. Baerreis
1983 John E. Guilday (*posthumous*)
1985 Roger T. Saucier
1986 Donald K. Grayson
1987 Richard I. Ford
1988 David M. Hopkins
1989 Joseph B. Lambert
1990 Patty Jo Watson
1991 Paul W. Parmalee
1992 Richard Yarnell
1993 Herbert E. Wright Jr.
1994 Garman Harbottle
1995 Robert J. Braidwood
1996 Elizabeth S. Wing
1997 Vorsila L. Bohrer
1998 John W. Weymouth
1999 Henry P. Schwarcz
2000 Richard S. MacNeish
2001 Melinda A. Zeder
2002 Deborah M. Pearsall
2003 George Rapp
2004 R.E. Taylor
2005 Bruce D. Smith
2006 Oscar Polaco Ramos
2007 Vaughn M. Bryant
2008 Paul Goldberg
2009 Michael D. Glascock
2010 Jane Buikstra
2011 R. Lee Lyman
2012 Christine Hastorf
2013 Anthony Aveni
2014 Marvin W. Rowe

DOUGLAS C. KELLOGG FUND FOR GEOARCHAEOLOGICAL RESEARCH

Under the auspices of the Society for American Archaeology's Geoarchaeology Interest Group, family, friends, and close

associates of Douglas C. Kellogg formed a memorial fund in his honor. The fund will provide support of thesis or dissertation research, with emphasis on the field and/or laboratory parts of this research, for graduate students in the earth sciences and archaeology.

- 2003 Aleksander Borejsza
- 2005 Ian Buvitt
- 2006 Heidi Luchsinger
- 2007 Katherine A. Adelsberger
- 2008 Kurt Rademaker
- 2009 Benjamin R. Vining
- 2011 Teresa Wriston
- 2012 Joe D. Collins, JR.
- 2013 Craig Fertelmes
- 2014 Michael Aiuvallasit

LIFETIME ACHIEVEMENT AWARD

(formerly the *Distinguished Service Award*)

The Lifetime Achievement Award is presented annually in recognition of a member who has performed truly extraordinary service of positive and lasting quality to the Society for American Archaeology or to the profession as a whole.

- 2001 Jeffrey S. Dean
- 2002 Jaime Litvak King
- 2003 Don D. Fowler
- 2004 Ian Graham
- 2005 George Carr Frison
- 2006 Bruce Trigger
- 2007 Frank Hole
- 2008 Lewis R. Binford
- 2009 Linda Cordell
- 2010 Patty Jo Watson
- 2011 W. Raymond Wood
- 2012 Bennie C. Keel
- 2013 Henry Wright
- 2014 Jeremy Sabloff

DIENJE KENYON MEMORIAL FELLOWSHIP

The Dienje Kenyon Memorial Fellowship is presented in support of research by women students in the early stages of their archaeological training. It is presented in honor of Dienje Kenyon and was awarded for the first time in 2000.

- 2000 Rhonda Bathurst
- 2001 Briana Pobiner
- 2002 Elizabeth Espy
- 2003 Elizabeth Arnold
- 2004 Jamie Clark
- 2005 Michelle LeFebvre
- 2006 Sarah Elizabeth Mistak
- 2007 Jennifer L. Henecke

- 2008 Sarah G. Bergh
- 2009 Kayla L. Pettit
- 2010 Ashley Sharpe
- 2011 Carla Hadden
- 2012 Angela R. Perri
- 2013 Shoshana Rosenberg
- 2014 Sarah Raffae MacIntosh

AWARD FOR EXCELLENCE IN LITHIC STUDIES

Established in 1994 to recognize excellence by an archaeologist whose innovative research or repeated and enduring contributions have contributed significantly to archaeology. (*Succeeded in 2001 by the Award for Excellence in Archaeological Analysis*)

- 1994 John Witthoft (*posthumous*)
- 1995 Harry J. Shafer
- Lawrence Keeley
- 1996 Jay K. Johnson
- 1998 Kenneth Hirth
- 1999 Barbara E. Luedtke
- 2000 Tom Hester

NATIONAL SCIENCE FOUNDATION

SCHOLARSHIPS FOR ARCHAEOLOGICAL TRAINING FOR NATIVE AMERICANS AND NATIVE HAWAIIANS

This scholarship supports training in archaeological methods for students and personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada.

- 1999 Lokelani H. Aipa
- Frank Mt. Pleasant
- Leslie Awong
- 2000 Leander Lucero
- Amada Rockman
- Lahela Perry
- 2001 Bonnie Lee Dziadasek
- Desiree Martinez
- Blair First Rider
- 2002 Deona Naboa
- Natalie Ball
- Tracy Pierre
- 2003 Michael Garcia
- Gordon C. Moore
- Carley Kaleo Veary
- Scott T. Kikiloi
- 2005 Lizatine A. Tsosie
- Laurie Shead
- Denny Gayton
- 2006 Vera Asp
- Ashley Layne Atkins
- Joey Condit
- Elizabeth Lein'Ala Kahave

	Roberta Lynn Thomas
2007	Tracey Pierre
2008	Na'Lilma Ahuna
	Tracey Pierre
	Simon Solomon
2009	Shianne Sebastian
	Ira K. Matt
	Wesley D. Miles
2010	Wesley D. Miles
	Simon Arthur Solomon
	Elijah Sanderson
2011	Robert James David
	Kevin J. Brown
	Liana Staci Hesler
2012	Joshua Castleman
	Joel Nicholas
	Autumn Whiteway
2013	Alyssa Christine Bader
	Dylan Ray Jennings
	Susan Marylouise Peone
2014	Alicia Mary Olea

ARTHUR C. PARKER SCHOLARSHIP

This scholarship supports training in archaeological methods for students and Personnel of tribal or other Native cultural preservation programs who are from Native or indigenous populations in the United States and Canada. The scholarship is named in honor of SAA's first president, Arthur C. Parker, who was of Seneca ancestry.

1998	Angela J. Neller
1999	Iwalani Ching
2000	Randy Thompson
2001	Cynthia Williams
2002	Nola Markey
2003	Kalewa Skye Arie Correa
2004	Sean P. Naleimaile
2005	Larae Buckskin
2006	Malia Kapuanalani Evans-Mason
2007	Ora Marek
2008	Marie Sina Faatuala
2009	Travis Maki
2010	Paulette Faith Steeves
2011	Kamakana Christian Ferreira
2012	Ashleigh Thompson
2013	Rebecca Heidenreich
2014	The Navajo Nation Archaeology Department

NATIVE AMERICAN GRADUATE ARCHAEOLOGY SCHOLARSHIP

This scholarship supports graduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment and childcare (up to \$10,000).

2010	Ashley Lane Atkins
2011	Frank James Raslich
2012	Nicholas Laluk
2013	Davina Two Bears
2014	Joseph Aguilar

NATIVE AMERICAN UNDERGRADUATE ARCHAEOLOGY SCHOLARSHIP

This scholarship supports undergraduate studies for Native American students, including but not limited to tuition, travel, food, housing, books, supplies, equipment and childcare (up to \$5,000).

2010	Vanessa T. Cabrera
2011	Garrett W. Briggs
2012	Laura Jane Brandon
2013	Chi R. Woodrich
2014	Anita Fells

FRED PLOG MEMORIAL FELLOWSHIP

The Fred Plog Memorial Fellowship is named for a major archaeologist in Southwest research who also was an inspiring teacher.

1999	Sarah Herr
2001	Deborah Huntley
2005	Greg Schachner
2007	Michael Mathiowetz Todd Pitezel
2008	Deanna Grimstead
2009	Samuel Duwe
2010	Matthew Peeples
2011	William Reitze
2012	Joshua Watts
2013	Katherine Dungan
2014	Christopher W. Merriman and Kathryn J. Putsavage

POSTER AWARD

Presented to promote interest and acceptance of the poster in the dissemination of archaeological research, to increase the quality of Poster presentations, and to acknowledge the very best accomplishments in this valuable medium. The award, initiated at the 58th Annual Meeting in 1993, is given in two categories: student and professional/non-student. As of 2008, only the student category continued. The professional category was sunsetted.

1993	Cynthia Herhahn (<i>Student</i>) Virginia Butler & James Chatters (<i>Professional</i>)
1994	Alanah J. Woody (<i>Student</i>) George R. Miller & James S. Oliver

- (*Professional*)
Dennis E. Lewarch & Laura S. Phillips (*organizers, outstanding Poster Symposium*)
- 1995 Tim Hunt, Mark Madsen, & Carl Lipo (*Student*)
Brenda J. Baker & Maria A. Liston (*Professional*)
- 1996 Clinton C. Hoffman (*Student*)
Adam King (*Student*)
Stephen H. Lekson (*Professional*)
- 1997 Anastasia Steffen, Rita Moots Skinner, & Ann F. Ramenofsky (*Student*)
Judith A. Habicht-Mauche, A Russell Flegel, Stephen Glenn, & Horner Milford (*Professional*)
- 1998 Lisa Nagaoka (*Student*)
Shannon P. McPherron & Harold L. Dibble (*Professional*)
- 1999 Diana Greenlee, Robert C. Dunnell, Terry Hunt, and Michael Pfeffer (*Student*)
Neal H. Lopinot & Jack H. Ray (*Professional*)
- 2000 Diana M. Greenlee (*Student*)
Fraser D. Neiman (*Professional*)
- 2001 Jonathan Scholnick, Derek Wheeler, & Fraser Neiman (*Student*)
Jeffrey Homburg, Eric Brevic, Jeffrey Altschul, Anthony Orme & Steven Shelly (*Professional*)
- 2002 Laura Smith, James Jordan, David Johnson, Casey Haskell & Herbert Maschner (*Student*)
Manuel R. Palacios-Fest & Jeffrey A. Homburg (*Professional*)
- 2003 Stacey Chambliss (*Student*)
Diana M. Greenlee (*Professional*)
- 2004 Andrew Isaac, Mark Muldoon, Keri Brown & Terry Brown (*Overall*)
Sara Bon-Harper, Jennifer Aultman, Nick Bon-Harper & Derek Wheeler (*Professional*)
Stacy Lengyel (*Student*)
- 2005 Ethan Cochrane, Julie Field & Diana Greenlee (*Student*)
- 2005 James Feathers, Jack Johnson & Silvia Kembel (*Professional*)
- 2006 Ruth Dickau (*Student*)
- 2006 Robert Hard, Cynthia Muñoz & Anne Katzenberg (*Professional*)
- 2007 Jeffrey Ferguson, Jelmer E. Eerkens & Michael Glascock (*Professional*)
- 2007 Bridget Zavala & Jose Luis Punzo Diaz (*Student*)
- 2008 Brandi Lee MacDonald, R.G.V. Hancock, Alison Pidruczny & Aubrey Cannon (*Student*)
- 2009 Susan M. Mentzer (*Student*)

- 2010 Metin I. Eren, Adam Durant & Christina Neudorf (*Student*)
- 2011 Alexander Smith & Danielle Raad (*Student*)
- 2013 G. Logan Miller (*Student*)

PRESIDENTIAL RECOGNITION AWARD

Instituted in 1990 to permit SAA to recognize individuals who have provided extraordinary services to the society and the profession in the past year. Awardees are determined by the president of the society, in consultation with members of the Board.

- 1990 Jerome A. Miller
Nathalie F. S. Woodbury
- 1991 Lynne Goldstein
Rachael Hamilton
Keith Kintigh
Earl Lubensky
Loretta Neumann
Kathleen Reinburg
David Hurst Thomas
- 1992 Mark Leone
Jeremy A. Sabloff
- 1993 Jerald Milanich
Daniel G. Roberts
Bruce D. Smith
Vincas P. Steponaitis
- 1994 David S. Brose
Edward Friedman
R. Bruce McMillan
Teresita Majewski
William H. Marquardt
Dan F. Morse
J. Daniel Rogers
Katharina J. Schreiber
Dean Snow
Vincas P. Steponaitis
Paul Takac
- 1995 Mark Aldenderfer
Roger Anyon
Robert Drennan
Diane Gifford-Gonzalez
Lynne Goldstein
Keith Kintigh
Mark J. Lynott
Phyllis Messenger, KC
Smith, & Cathy MacDonald
Paul Minnis
Bruce E. Rippeteau
Alison Wylie
Melinda A. Zeder
- 1996 Brian Fagan

	Paul Fish & Suzanne K. Fish		Group
	Jonathan Lizée	2008	John Kantner
	Toni Moore		Alex Barker
	Carol Shull		Nelly Robles Garcia
	George Stuart	2009	Daniel H. Sandweiss
1997	Mark Aldenderfer	2010	Phillip L. Walker
	David Anderson		75th Anniversary Task Force:
	Roger Anyon & T. J. Ferguson		Jeremy Sabloff
	Keith Kintigh		James Snead
	Florence Lister		Wendy Ashmore
	Donna Seifert		David Browman
	Joe Watkins		Don Fowler
1998	Stephen Dyson for <i>Archaeology Magazine</i>		Lisa Lecount
	Ed Friedman		Linda Manzanilla
	Janet Levy		Bruce Smith
	William Lovis		Fundraising Committee:
1999	Caryn Berg		William Doelle
	Susan J. Bender		Susan Bender
	Judith A. Bense		Cathy Cameron
	Jon S. Czaplicki		John E. Kelly
	Gary Feinman		Paul Minnis
	Linda Manzanilla		Linda Pierce
	Tristine Lee Smart		Bruce Rippeteau
	George S. Smith	2011	Martha Rolingson
	Joe Watkins		Ken Sassaman
2000	Lynne Goldstein		Susan B. Bruning
	James A. Gool	2012	Paul Minnis
	Kurt E. Dongoske		Jonathan Muller
2001	Mark Aldenderfer		Barbara M. Arroyo
	Patricia Gilman		Tomas Enrique-
	The Law Department of the National Trust for Historic Preservation		Mendizabal Archibold
	Francis P. McManamon	2013	Christopher D. Dore
	Ian W. Brown		Daniel H. Sandweiss
2002	Michael J. Fanelli	2014	Susan Kane
	Donald Forsyth Craib		Cori Wegener
	Johna Hutira		Tim Melancon
2003	John Chamblee		Serena Bellew
	Fred Wendorf, Stuart		Deborah L. Nichols
	Struever, & Doug Schwartz		Christopher A. Pool
2004	Garth Bawden		Gabriela Uruñuela y Ladrón de Guevara
	Julie Hollowell-Zimmer & Chip Colwell-Chanthaphonh		
	Erin Kuns		
	William Longacre		
2005	MATRIX Project	1997	Brian Fagan
2006	SAA National Historic Landmarks Committee	1998	Jan Coleman-Knight
	PEC Web Pages Working	1999	Crow Canyon Archaeological Ctr
2007		2000	George Stuart

AWARD FOR EXCELLENCE IN PUBLIC EDUCATION

Begun in 1997 to recognize institutions or individuals who bring about an improved public understanding and appreciation of anthropology and archaeology.

- 2001 George Brauer
- 2002 AnthroNotes
- 2003 Jeanne Moe
- 2004 Patricia Wheat-Stranahan
- 2005 Office of Archaeological Studies at the Museum of New Mexico
- 2006 Richard M. Pettigrew
- 2007 The 5th St. Cemetery
Necrogeographical Study
- 2008 Texas Beyond History Website
- 2009 Center for American Archaeology
- 2010 Project Archaeology
- 2012 Education Outreach Program of the Office of Archaeological Studies
- 2014 Abby the ArchaeoBus: Society for Georgia Archaeology
New South Associates
Georgia Transmission Corporation
Georgia State University

PUBLIC SERVICE AWARD

Begun in 1983 to recognize the important contributions of a public figure to the protection and preservation of cultural resources. It is presented regardless of political affiliation to those who have taken a lead or made a major contribution to preserving the past. The awardees have been:

- 1983 Sen. Spark M. Matasanaga
Rep. Donald J. Pease
- 1984 Sen. James A. McClure
- 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 and given each year for the best newspaper article or series focusing on archaeology. The award is named in honor of Gene Strickland Stuart, a writer and managing editor of National Geographic Society books who devoted her career to the presentation and interpretation of archaeology in a number of award-winning popular books.

- 1994 Scott LaFee (*San Diego Union-Tribune*)
- 1995 Nathan Seppa (*Wisconsin State Journal*)
- 1996 Matt Crenson (*Dallas Morning News*)
- 1997 (no award)
- 1998 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 (*freelance*)
- 2011 Dan Vergano (*USA Today*)
- 2012 Mike Toner (*American Archaeology*)
- 2013 Julian Smith (*American Archaeology*)
- 2014 Ann Gibbons (*Science Magazine*)

STUDENT PAPER AWARD

Initiated in 2000, this award is designed to recognize the best student research paper presented at the Annual Meeting. All student members of SAA are eligible to participate. The awardees have been:

2000	Nathan S. Lowrey (with Thomas C. Pleger)
2002	Christopher Morehart
2003	Devin Alan White
2004	Briana L. Pobiner & David R. Braun
2005	Elizabeth Horton & Christina B. Rieth
2006	Metin I. Eren & Mary E. Prendergast
2007	Scott Ortman
2009	Michael Mathiowetz
2010	John M. Marston
2011	Melanie Beasley Jack Meyer Eric J. Bartelink Randy Miller
2012	Sean B. Dunham
2013	Bryn Letham David Bilton
2014	G. Logan Miller

ETHICS BOWL RECIPIENTS

Initiated in 2004, the Ethics Bowl is a festive, debate-style competition for students to explore the ethics of archaeological practice. The Ethics Bowl trophy is awarded each year to the team of students that responds to hypothetical dilemmas with the clearest intelligibility, depth, focus, and judgment.

2004	Indiana University/University of Nevada – Reno
2005	University of Arizona
2006	San Diego State University
2007	Brown University
2008	University of California-Berkeley
2009	Texas A&M
2010	Brown University
2011	University of California-Santa Barbara
2012	Northern Arizona University
2013	University of California-Berkeley
2014	University of California, Berkeley

PRESIDENTS OF SAA

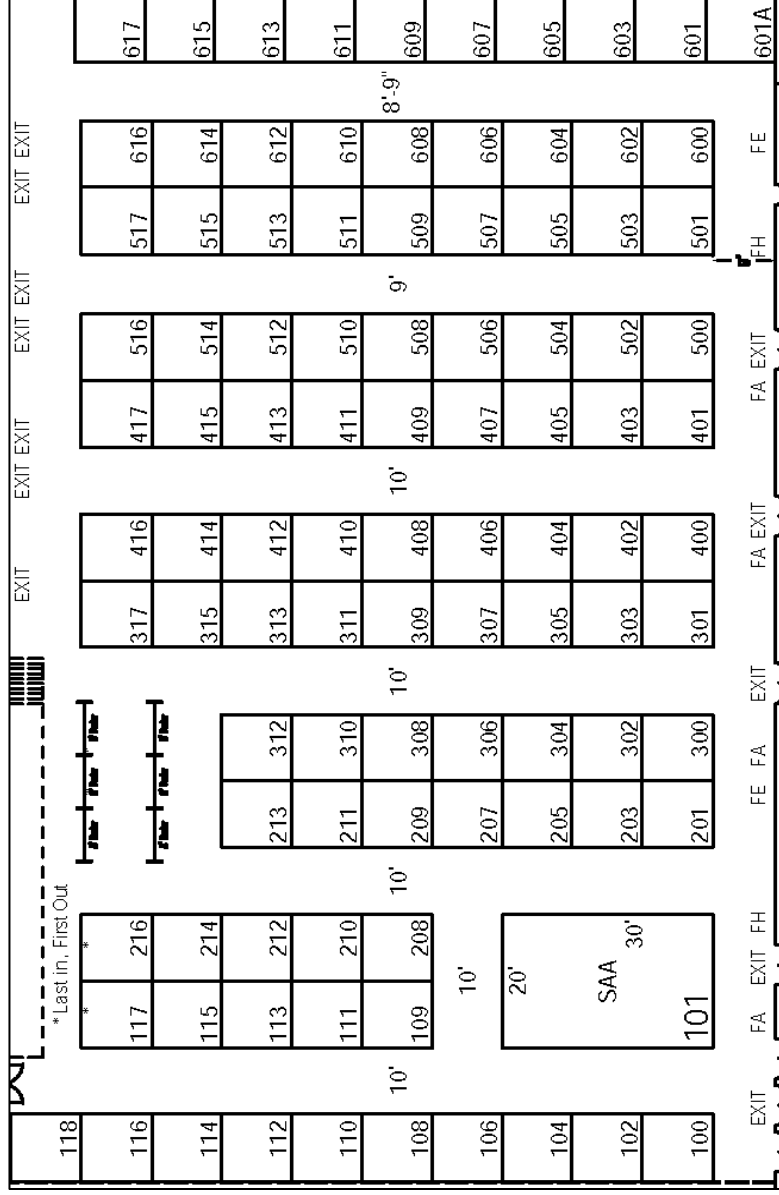
A. C. Parker	1935-1936
Diamond Jeness	1936-1937
A. V. Kidder	1937-1938
Edgar B. Howard	1938-1939
Neil Judd	1939-1940

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
Jeffrey H. Altschul	2013-2015

ANNUAL MEETING SITES

1st	Andover, MA. December 1935	52nd	Toronto, ON May 1987
2nd	Washington, D.C. December 1936	53rd	Phoenix, AZ April 1988
3rd	Milwaukee, WI May 1938	54th	Atlanta, GA April 1989
4th	Ann Arbor, MI May 1939	55th	Las Vegas, NV April 1990
5th	Indianapolis, IN April 1940	56th	New Orleans, LA April 1991
6th	Minneapolis, MN May 1941	57th	Pittsburgh, PA April 1992
7th	Cincinnati, OH May 1942	58th	St. Louis, MO April 1993
8th	<i>(Because of travel difficulties and other wartime restrictions, the 1943 Annual Meeting was conducted by mail by the Executive Committee, whose actions were approved at the next Annual Meeting.)</i>	59th	Anaheim, CA April 1994
9th	Washington, D.C. May 1944	60th	Minneapolis, MN May 1995
10th	Washington, D.C. May 1945	61st	New Orleans, LA April 1996
11th	Indianapolis, IN May 1946	62nd	Nashville, TN April 1997
12th	Ann Arbor, MI May 1947	63rd	Seattle, WA March 1998
13th	Milwaukee, WI May 1948	64th	Chicago, IL March 1999
14th	Bloomington, IN May 1949	65th	Philadelphia, PA April 2000
15th	Norman, OK May 1950	66th	New Orleans, LA April 2001
16th	Evanston, IL May 1951	67th	Denver, CO March 2002
17th	Columbus, OH May 1952	68th	Milwaukee, WI April 2003
18th	Urbana, IL May 1953	69th	Montreal, QC Mar-Apr 2004
19th	Albany, NY May 1954	70th	Salt Lake City, UT Mar-Apr 2005
20th	Bloomington, IN May 1955	71st	San Juan, PR April 2006
21st	Lincoln, NE May 1956	72nd	Austin, TX April 2007
22nd	Madison, WI May 1957	73rd	Vancouver, BC March 2008
23rd	Norman, OK May 1958	74th	Atlanta, GA April 2009
24th	Salt Lake City, UT May 1959	75th	St. Louis, MO April 2010
25th	New Haven, CT May 1960	76th	Sacramento, CA Mar-Apr 2011
26th	Columbus, OH May 1961	77th	Memphis, TN April 2012
27th	Tucson, AZ May 1962	78th	Honolulu, HI April 2013
28th	Boulder, CO May 1963	79th	Austin, TX April 2014
29th	Chapel Hill, NC May 1964	80th	San Francisco, CA April 2015
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		

Exhibit Hall



Exhibitor Directory

Accurex Dimensional Measurement

225 S. Chester Road

Suite 6

Swarthmore PA 19081-1919

#212

Accurex provides high-precision 3D White light scanning systems built by Breuckmann. These products can be used to create digital models of artifacts for archival purposes or to collect data for dimensional analysis. Scan data can be preserved in color with full detail including scribe marks or engravings.

American Anthropological Association

2200 Wilson Blvd

Ste 600

Arlington VA 22201-3357

#610

Founded in 1902, AAA is the world's largest organization of individuals interested in anthropology.

American Rock Art Research Association

201 W. Soloman

Midland TX 79705-3032

#600

American Rock Art Research Association is a diverse community of members with interests dedicated to rock art preservation, research, and education to communicate the significance of rock art as a non-

renewable resource of enduring cultural value and an important expression of our shared cultural heritage. Visit www.arara.org.

Antiquity

Department of Archaeology

Durham University

Durham DH1 3LE

United Kingdom

#306

Antiquity is a peer-reviewed journal of archaeological research that aims to communicate the most significant new discoveries, theory, method and cultural resource issues rapidly and in plain language to practicing archaeologists everywhere.

Archaeological Institute of America

656 Beacon Street, 6th Floor

Boston MA 02215

USA

#416

The Archaeological Institute of America, founded in 1879, is North America's oldest and largest archaeological organization. The AIA works to create an informed public interest in the cultures and civilizations of the past, supports archaeological research and publication, promotes community-based outreach, and advocates for the preservation of archaeological heritage.

**ArcheoLINK Americas
QLC Inc.
228 East 45th Street, 9E
New York NY 10017
#309**

With the archaeological information system ArcheoLINK project data, field data, finds data, specialist data, storage data, photos, field and object drawings, measurements and cartographic data can be stored, managed, queried and analysed for one or more archaeological projects. ArcheoLINK also offers several hardware options such as barcode registration and communicating scales.

**Bartington Instruments Ltd.
10 Thorney Leys Business
Park
Witney Oxon OX28 4GG
United Kingdom
#118**

Bartington Instruments will be showing the new high stability Grad601 Magnetic Gradiometer for archaeological prospection and site survey. Also featured will be the MS@ Magnetic Susceptibility System for the location and investigation of archaeological sites with sensors for field and laboratory use including the new MS2H downhole sensor.

**Beta Analytic Inc.
4985 SW 74th Court
Miami FL 33155-4471
USA
#201**

ISO 17025-accredited Beta Analytic is a dedicated radiocarbon dating (AMS) laboratory with standard turnaround time of 14 business days. All analyses are performed in-house; BETA does not engage in satellite dating. Results are accessible 24/7 via web and mobile access. Respected worldwide for accuracy, high quality, and customer care.

**Bone Clones, Inc.
21416 Chase St, Unit #1
Canoga Park CA 91304
#406 & 408**

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.

**Bruker Elemental
415 N. Quay Street
Kennewick WA 99336-7783
#203 & 205**

Bruker Elemental, a technology leader in handheld XRF analyzers, provides a range of analyzers for use in elemental analysis. The Tracer series is the defacto standard in portable XRF analyzers used in

authentication, conservation and restoration of art and other historic artifacts.

**Bureau of Land Management
3801 Pegasus Dr.
Bakersfield CA 93308
USA
#415**

The Bureau of Land Management manages some of the most significant heritage resources in the nation. This exhibit will provide information on opportunities for archaeological research and the promotion of research and teaching partnerships on the public lands. This includes proactive research, student project support and youth program development.

**Center for Applied Isotope Studies
University of Georgia
120 Riverbend Road
Athens GA 30602-1510
#104**

The Center for Applied Isotope Studies at the University of Georgia conducts precise AMS and LSC radiocarbon dating with the highest level of precision and accuracy and conducts stable isotope analyses for paleoenvironmental and paleodietary studies. Professional staff performs all work with standard turnaround times of 15 days.

**California State Parks
Cultural Resources Division
1416 9th Street, Suite 902
Sacramento CA 95814
#601**

The Cultural Resources Division of California State Parks continues a 60-year heritage of stewardship for many of California's most significant cultural treasures. Our leadership in acquiring, conserving, and managing cultural resources is reflected in our renewed publication series which will be available at our booth.

**Cambridge University Press
32 Avenue of the Americas
New York NY 10013-2473
#300 & 302**

Cambridge's publishing in archaeology books and journals combines state-of-the-art content with the highest standards of scholarship, writing and production. Visit our booth to browse new titles, available at a 20% discount, and to pick up sample issues of our journals. Visit our website to see everything we do: www.cambridge.org/us/.

**Casemate Academic
908 Darby Road
Havertown PA 19083
#509, 511, 513**

Casemate Academic is the leading distributor of archaeological publications in North America. Publishers

represented include our own imprint Oxbow Books, the British Museum Press, Sidestone Press, the McDonald Institute for Archaeological Research, the Oriental Institute at the University of Chicago, International Monographs in Prehistory, and Archaeopress. Visit our website at www.casemateacademic.com

**Center for American
Paleolithic Research
27930 Cascade Road
Hot Springs SD 57747
#516**

CAPR is a non-profit archaeological research organization whose mission is to find evidence of the earliest people in the Americas. CAPR provides public lectures and educational opportunities for avocational, student and professional audience. CAPR also offers financial support, consultation, and collaboration for student and professional archaeological research projects.

**CoDA - Center for Digital
Archaeology
900 Larkspur Landing Circle,
Suite 209, University of
California Berkeley
Larkspur CA 94939
United States
#313**

CoDA is a California 501(c)3 non-profit that helps archaeologists and cultural

resource managers go paperless through training, software development and amazing service. We are developing freely available apps including Codifi and Mukurtu for curating content that is safe, secure and accessible forever.

**Cotsen Institute of
Archaeology At UCLA
308 Charles E. Young Dr. N
A210 Fowler Building, Box
951510
Los Angeles CA 90095-1510
#106 & 108**

The Cotsen Institute of Archaeology at UCLA is a premier research organization dedicated to the creation, dissemination, and conservation of archaeological knowledge and heritage. CIOA is also home to the Interdepartmental Archaeology Program, the UCLA/Getty Program in Archaeological and Ethnographic Conservation, and the Cotsen Institute of Archaeology Press.

**Council of Affiliated Societies
(CoAS)
Dept. 3431
1000 East University Ave.
Laramie WY 82071-3431
USA
#608**

Want to see what your local archaeology society is up to? At the Council of Affiliated Societies (CoAS) Booth, pick up literature about the activities of

societies across the US and Canada. CoAS sponsors the Annual Archaeology Month Poster Contest too. Cast your ballot for your favorite by Friday noon.

Daiichi Gosei Co., Ltd.
Higashiyodogawa-ku
Higashinakajima, 1-18-5
Osaka City 533-0033
Japan
#517

Archaeological survey research support tools and services, also provides materials exhibition fixture related products for the museum.

Digital Antiquity
PO Box 872402
Tempe AZ 85287-2404
USA
#501

The Digital Archaeological Record (tDAR) is an international digital repository for the digital records of archaeological investigations. tDAR's use, development, and maintenance are governed by Digital Antiquity, an organization dedicated to ensuring the long-term preservation of irreplaceable archaeological data and to broadening the access to these data.

Dino-Lite Scopes (BigC)
20655 S. Western Ave.
Torrance CA 90501-1800
#403

Dino-Lite portable digital microscopes and eyepiece cameras provide high-quality microscopy video interfacing to PC and MAC with clear and steady imaging. Most models provide 10x-200x along with a multitude of software features. The included DinoCapture software makes it easy to take snapshots, record videos, manipulate images, save and email discoveries.

DirectAMS
550 17th Ave
Suite 550
Seattle WA 98122
#310

Welcome to DirectAMS, the radiocarbon dating unit of Accium BioSciences. Please visit us at www.directAMS.net.

Durham University
South Road
Durham DH1 3LE
United Kingdom
#616

We are advertising undergraduate and postgraduate (taught and research) courses in Archaeology, Archaeological Science, Palaeopathology, Museums and Artefact Studies, Cultural Heritage Management and Conservation at Durham University, recently places second in the Reasearch Excellence Framwork rankings for archaeology in the UK.

DW Consulting
Boekweitakker 28
Barneveld, Gelderland 3773
BX
Netherlands
#308

Creator of TerraSurveyor - the industry leader for device independent, geophysical data processing software.

Elsevier B.V.
Radarweg 29
Amsterdam 1043NX
Netherlands
#508

Elsevier is one of the leading publishers of academic journals. We publish a portfolio of well-respected, peer-reviewed archaeology journals which includes Journal of Archaeological Science and the new Journal of Archaeological Science: Reports. Visit our website for more information about our journals and how to publish with us - www.elsevier.com/archaeology.

European Association of
Archaeologists
Letenská 4
Praha 1 11801
Czech Republic
#609

The EAA offers membership to all archaeologists and anthropologists. It has a range of activities including an annual conference, a journal (The European Journal of

Archaeology), and a biannual newsletter.

Federated Archaeological
Information Management
Systems (FAIMS)
Department of Ancient
History
Macquarie University
Sydney, NSW, 2109
Australia
#412

The FAIMS Mobile Platform is a digital system for offline field data collection. FAIMS facilitates the collection of structured data, spatial data and multimedia and easy synchronisation across multiple users and devices.
www.fedarch.org

Field Technologies, Inc.
4702 Cumberland Drive
Durham NC 27705
United States
#505

Save money & frustration with phase 1 shovel testing software.

FOERSTER
140 Industry Drive
Pittsburgh PA 15275
USA
#305 & 307

FOERSTER, a leading mfr. of magnetometers and metal detectors as well as, a supplier of non-destructive testing (NDT) equipment, is PROUD to announce that its FEREX® 4.033 Datalogger is NOW MADE IN THE USA.

**Forensic Archaeology
Recovery
635 Woodbridge Court
Benicia CA 94510**

#611

FAR is a humanitarian organization that uses archaeological methods of recovery to assist law enforcement in the location and recovery of the lost or missing for repatriation to families.

**Forestry Suppliers, Inc.
205 West Rankin St.
Jackson MS 39201**

#216

Full range of equipment for Archaeology professionals. Flagging, flags, surveying instruments, shovels, picks, screens, sieves, compasses, GPS, mapping aids, Marshalltown trowels, chaining pins and other field supplies, all can be found in our free 700+ page catalog or visit our web site at www.forestry-suppliers.com.

**GEM Advanced
Magnetometers
135 Spy Court
Markham ON L3R 5H6
Canada**

#110

Using gradiometers in archaeological applications provide excellent results in discovering new historical areas while maintaining minimal disruption to the surroundings. GEM's unique Overhauser and

Potassium gradiometer systems combine data quality, survey efficiency, and significant benefits for archaeology applications, including the ability to map prehistoric and historic sites in 3D.

**Geometrics
2190 Fortune Dr.
San Jose CA 95131-1815**

#315
Geometrics manufactures, sells, rents, and services magnetometers, seismographs, and electrical conductivity and resistivity systems for land, marine, and air investigations of the subsurface.

**Geophysical Survey Systems,
Inc.
12 Industrial Way
Salem NH 03079
USA**

#111

GSSI is the world leader in the development of Ground Penetrating Radar (GPR) technology and subsurface imaging products. These tools are ideal for the non-invasive mapping of archaeological finds in all terrain and climate conditions. Archaeologists worldwide currently use GSSI GPR for the accurate mapping of sites for excavation or avoidance.

**GNS Science / Rafter
Radiocarbon
30 Gracefield Rd**

**Gracefield, Lower Hutt 5040
New Zealand
#401**

Rafter Radiocarbon is the world's oldest continuously operating radiocarbon dating lab. A division of GNS Science, New Zealand's earth science research institute we offer quality commercial AMS radiocarbon dating services to clients around the world in applications such as archaeology, geology, earth and environmental science. We have been helping researchers with their radiocarbon dating needs for over 50 years.

**Harvard University Press /
Peabody Museum Press
79 Garden St
Cambridge MA 02138-1423
#507**

With "Scholarship Plus" as its motto, Harvard University Press publishes books that matter. From ants to Zeus, HUP opens the academy to the world.

**HD Analytical Solutions
952 Oxford St. West
London ON N6H 1V3
Canada
#601A**

HDAS is a professional consulting laboratory specializing in microscopic analysis of archaeological remains. Choose HDAS for quality and reliable thin section preparation, sourcing and characterization studies of

ceramic and stone artifacts, architectural materials and geological samples; paleoenvironmental reconstruction; macrobotanical studies; starch grain analysis and phytolith analysis.

**Human Relations Area Files
755 Prospect St
New Haven CT 06511-1225
#312**

eHRAF World Cultures/Archaeology...online cross-cultural databases on indigenous peoples, ethnic groups, western and non-western cultures, and archaeological traditions. Subject-indexed at the paragraph-level, eHRAF is ideal for teaching and for comparative archaeological and cross-cultural research. Human Relations Area Files (HRAF) is an international non-profit membership organization at Yale University.

**Left Coast Press, Inc.
1630 N Main St#400
Walnut Creek CA 94596-4609
#114 & 116**

LEFT COAST PRESS, Inc. is a prolific publisher of archaeology with a particular interest in heritage and public archaeology issues. We produce scholarly works, textbooks, reference books, videos, and journals for scholars, professionals, students, and the public. Stop by and say hello!

**Leiden University - Faculty of
Archaeology
Faculty of Archaeology
PO Box 9515
Leiden 2300 RA
Netherlands
#214**

Leiden University offers the most diverse Master programme in Archaeology in the Netherlands, offering 10 MA, 3 MSc, and 7 RMA specializations with a regional or thematic focus. The complete programme is taught in English and directly linked to ongoing research. The Faculty staff is involved in projects all over the world, with a strong emphasis on field archaeology.

**Maney Publishing
Suite 1C, Joseph's Well
Hanner Walk
Leeds LS3 1AB
United Kingdom
#112**

Maney Publishing specialise in the publication of electronic and print academic journals. We publish over 30 international journals in anthropology, archaeology, conservation, heritage including Journal of Field Archaeology, KIVA: Journal of Southwestern Anthropology and History, Post-Medieval Archaeology and Environmental Archaeology.

**National Geographic Society
1145 17th St NW
Washington, DC 20036
#413**

For over 100 years, the National Geographic Society has been providing field research grants to archaeologists around the world.

**Native American Scholarships
Fund
Society for American
Archaeology
1111 14th St. NW, Suite 800
Washington DC 20005
#617**

The Native American Scholarships Fund fosters shared purpose and positive interaction between the archaeological and Native communities. Scholarships are awarded annually to support training in archaeological methods and undergraduate and graduate education, for Native peoples from the Americas, Alaska Natives, Native Hawaiians, and Indigenous Pacific Islanders who are students or employees of tribal cultural preservation programs. Proceeds from our Silent Auction go directly to scholarships support. Visit our booth to see the variety of goods you may bid on including used and new archaeology books, jewelry, crafts, and textiles! For more information, please visit:
www.saa.org/scholarships

Open Context - DINAA (Digital Index of North American Archaeology)

**125 El Verano Way
San Francisco CA 94127-2036
USA
#603**

Open Context is an open access publisher of digital archaeological content from excavations, surveys, and collections worldwide. Open Context features data from the DINAA project, integrating archaeological site file data from across North America into a unified database, for use by scholarly, resource management, and public audiences.

**Oxford University Press
198 Madison Avenue
New York NY 10016-4308
#506**

Oxford University Press is a department of the University of Oxford. It furthers the University's objective of excellence in research, scholarship, and education by publishing worldwide.

**PaleoResearch Institute
2675 Youngfield St.
Golden CO 80401-2240
USA
#207**

PaleoResearch Institute provides Science in support of Archaeology and Geology. Experience the benefits of having one lab support all your

analytic needs (AMS radiocarbon dating; pollen, phytolith, starch and macrofloral analyses; charcoal identification; protein and organic residues; and more). Receive one synthetic report that interprets and integrates all your data.

**Phoenix Obsidian Designs
144 Hughes Rd.
Suite G
Grass Valley CA 95945
United States
#605**

Phoenix Obsidian Designs provides a wide range of supplies for primitive technology studies. We also provide a wide array of educational materials covering all fields of archaeological study. Our museum quality artifact replicas are personally handcrafted just for you.

**Project Archaeology/BLM
2-128 Wilson Hall, MSU
Bozeman MT 59717
USA
#614**

Find complete information about Project Archaeology, the Bureau of Land Management's (BLM) flagship heritage education program for teachers, students, and informal educators. Learn about Project Archaeology opportunities in your area and how you can participate. Additional information about BLM's National Landscape

Conservation System (NLCS) is available.

Radiocarbon
Univ. of AZ, Dept of
Geosciences
4717 E. Fort Lowell Rd #104
Tucson AZ 85712-1201
#210

Radiocarbon is the main international journal for research relevant to ^{14}C and other techniques used in archaeological and related dating.

Register of Professional
Archaeologists
3601 E. Joppa Road
Baltimore MD 21234
#607

The Register of Professional Archaeologists is a listing of archaeologists who have agreed to abide by an explicit code of conduct and standards of research performance. Registration is voluntary and recognizes an individual's personal responsibility to be held accountable for his or her professional behavior.

Routledge
711 Third Avenue, 8th Floor
New York NY 10017
USA
#411

Routledge publishes quality academic books, journals, and online reference products in a variety of disciplines for both your research and classroom

use. Visit our booth to browse new and recent titles in Archaeology, Anthropology, and Museum Studies, and receive 20% off all books. To see everything we offer, visit: www.routledge.com.

Rowman & Littlefield
4501 Forbes Blvd
Ste 200
Lanham MD 20706
USA
#211

Rowman & Littlefield disseminates high-quality information to those who research, study, practice, and read in the humanities and social sciences with a focus on helping the professional development of those working in the cultural life of a community—the museum, historical society, arts center, and church.

Sanity Silversmithing
2986 Sundance Circle
Las Cruces NM 88011
USA
#213

Handmade sterling silver and enameled jewelry based on archaeological images including bolos, necklaces, earrings, and bracelets.

SAR Press, School for
Advanced Research
660 Garcia Street
Santa Fe NM 87505-2858
#613 & 615

SAR Press, part of the School for Advanced Research in Santa Fe, publishes books on anthropology and related fields, the arts and cultures of Indigenous peoples, and the American Southwest - past and present. Since 1907, SAR Press has published hundreds of titles - influencing thought, creating change.

**SENSYS Sensorik &
Systemtechnologie GmbH
Rabenfelde 5
Bad Saarow 15526
Germany
#317**

SENSYS is specialized in the development and production of non-invasive geomagnetic and electromagnetic survey systems for archaeological prospection. The product range varies from handheld magnetometer devices to vehicle towed multi-channel systems (up to 32 probes). For urban surveys, active multi-coil systems are also available.

**Society for California
Archaeology
1692 Mangrove Ave, #153
Chico CA 95926-2648
#606**

The Society for California Archaeology is a nonprofit scientific and educational organization dedicated to research, understanding, interpretation and conservation of the heritage of California and

the regions that surround and pertain to it.

**Society for Historical
Archaeology
9707 Key West Ave., #100
Rockville MD 20850-3992
#612**

The Society for Historical Archaeology is the largest scholarly group concerned with the archaeology of the modern world (A.D. 1400-present). SHA promotes scholarly research and the dissemination of knowledge concerning historical archaeology and is specifically concerned with the identification, excavation, interpretation, and conservation of sites and materials on land and underwater.

**Springer
233 Spring Street
New York NY 10013-1578
#500 & 502**

Looking to publish your research? Discover Springer's print and electronic publication services, including open access! Get high-quality review, maximum readership and rapid distribution. Visit our booth or springer.com/authors. You can also browse key titles in your field and buy (e)books at discount prices. With Springer you are in good company.

**Statistical Research, Inc.
PO Box 31865
Tucson AZ 85751-1865**

#102

SRI, a full-service CRM firm, conducts projects worldwide & develops practical, innovative heritage management solutions that balance economic development with preservation mandates & incorporate cutting edge programs in geospatial technology, measurement & modeling, interdisciplinary studies & cultural-landscape studies.

Technodigit

**5585 Woodruff Shore Drive
Brighton MI 48116**

#604

3DReshaper is an easy-to-use and affordable software dedicated to point cloud processing for various application. It includes a wide range of features, in particular a very powerful 3D meshing process to create light-weight, accurate and aesthetic models from any point clouds.

Texas A&M University Press

4354 TMU

Lewis Street

College Station TX 77843-0001

#113

The Press, which upholds traditional academic inquiry while exploring innovative research and scholarly communication, publishes around 60 titles a year. Books are available in print, on-demand, and electronic editions.

The Press has 24 full-time employees, including marketing and distribution staff. Press books regularly win competitive grants and prestigious awards.

Thames & Hudson, Inc.

**181A High Holborn
London WC1V 7QX
United Kingdom**

#208

Thames & Hudson is the global market's pre-eminent publisher of illustrated books. Our catalogue of beautifully printed volumes includes a broad library of widely respected titles in archaeology and ancient history. Thames & Hudson is distributed by W.W. Norton & Company in the USA.

**The Archaeological
Conservancy**

**1717 Girard Blvd. NE
Albuquerque NM 87106-1718
#410**

The Archaeological Conservancy is a national non-profit organization that preserves archaeological sites and publishes American Archaeology magazine.

**The Irish Archaeology Field
School- IAFS**

**Greenstown
Stamullen Co.Meath
#514**

IAFS provides an opportunity for students to take part in a research and teaching excavation at Blackfriary in the

Medieval town of Trim, Co. Meath. The excavations of this 13th Century Dominican friary will restore this site to benefit the local community who are actively engaged with the project.

The University of Alabama Press

Box 870380

Tuscaloosa AL 35487-0001 #311

The most comprehensive list in Southeastern archaeology, the latest volumes in Caribbean archaeology, and a strong list of classic reprints all in one exhibit space!

The most comprehensive list in Southeastern archaeology, the latest volumes in Caribbean archaeology, and a strong list of classic reprints all in one exhibit space!

The University of Arizona Press

1510 E. University Blvd.

Tucson AZ 85721

#100

The University of Arizona Press is a leading publisher in Southwest archaeology, archaeology of the Americas, and archaeology of the Near East. Stop by for 25% off all books.

**The University of Sheffield
Dept of Archaeology
Northgate House, West Street**

Sheffield South Yorkshire S1 4ET

United Kingdom

#515

One of the UK's largest departments of Archaeology. Specialist in delivery of graduate programmes in human osteology, zooarchaeology, palaeoanthropology, archaeological materials, European Prehistory, Aegean, Classical and Medieval archaeology, Cultural Heritage Management.

The University of Utah Press

J. Willard Marriott Library

Suite 5400

295 South 1500 East

Salt Lake City UT 84112-0860

#301 & 303

The University of Utah Press publishes books reflecting the best scholarship in archaeology and anthropology. Besides our Anthropology of Pacific North America, Foundations of Archaeological Inquiry, and the University of Utah

Anthropological Papers series, we publish on the Great Basin, the Southwest, the Plains, Mesoamerica, and North American archaeology.

**University College Dublin
UCD School of Archaeology
Belfield Dublin 4**

Ireland

#304

Ireland's leading center for international archaeological

research and education, offering archaeology undergraduate, taught masters, masters by research and PhD programs, with expertise in prehistoric and historical landscape archaeology, material culture, experimental archaeology, environmental archaeology and palaeogenetics and aDNA, and fieldwork in Ireland, Europe, Mediterranean and Asia.

University of Aberdeen
St Mary'S
Elphinstone Rd
Aberdeen AB24 3UF
United Kingdom
#510

Based at one of the oldest Universities in the UK, the top-rated Archaeology Department in Scotland for research offers a distinctive blend of theory, practice and science. On-campus and distance learning undergraduate, and one-year taught Masters programmes; PhD opportunities; Unique archaeological field Schools in Western Alaska, Iceland and Scotland (<http://www.abdn.ac.uk/geosciences/departments/archaeology>)

University of Bradford
School of Archaeological Sciences
Richmond Road
Bradford, West Yorkshire
BD7 1DP
United Kingdom

#512

The School of Archaeological Sciences at the University of Bradford offers postgraduate and undergraduate programmes in archaeological sciences, forensic archaeology, osteoarchaeology and cultural archaeology, and research services in archaeology and heritage.

University of Exeter
Dept of Archaeology
Laver Building
Exeter EX4 4QE
United Kingdom
#117

University of Exeter programmes in archaeology undergraduate, taught masters, masters by research, MPhil, PhD, PhD by publication.

University of Haifa
199 Abba Hush Blvd.
Port Saint Lucie FL 3498838
Israel
#414

The University of Haifa, Israel offers international, one-year MA programs in Maritime Civilizations and Prehistoric Archaeology. Taught in English over three semesters from October through August, both programs combine theory with hands-on experience in the field. The programs include class work, field-based classes and individual research.

**University of Leicester
School of Archaeology &
Ancient History
University Road
Leicester LE1 7RH
United Kingdom
#504**

Distance learning MA programmes in archaeology and heritage. Also campus based MAs. PhDs by research--distance or campus.

**University of New Mexico
Press
1717 Roma Ave. NE
Albuquerque NM 87106-4509
#405**

UNM Press publishes books specializing in the fields of archaeology, anthropology, indigenous studies, Latin American studies, American studies, Chicana/o studies, art, architecture, and the history, literature, ecology, and cultures of the American West.

**University of Oklahoma Press
2800 Venture Drive
Norman OK 73069-8216
#115**

University of Oklahoma Press, publisher of outstanding books on indigenous peoples of North, Central, and South America, announces a new publishing initiative from the university presses of Florida, Oklahoma, and Texas: Latin American and Caribbean Arts and Culture. Visit OU Press to see new

books and learn more about LACAC.

**University Of Pennsylvania
Museum Of Archaeology and
Anthropology
3260 South St.
Philadelphia PA 19104
USA
#417**

The Penn Museum has specialized in publishing both scholarly and popular books in the fields of archaeology and anthropology for more than 100 years.

**University of Pittsburgh
Center for Comparative
Archaeology, 3313 WWPB
Dept of Anthropology
Pittsburgh PA 15260
#400**

Primary reports of archaeological research, online repository of archaeological datasets, books on comparative archaeological research, archaeological publications from Latin America.

**University of Texas Press
P. O. Box 7819
Austin TX 78713-7819
#407 & 409**

The University of Texas Press publishes the results of original archaeological and anthropological research conducted in the US, Latin America, and in countries throughout the world.

**University of York
Department of Archaeology
The King's Manor
York YO1 7EP
United Kingdom
#503**

Consistently first for student satisfaction in the National Student Survey, the Department of Archaeology at York is internationally recognized as both a vibrant research community and a centre of excellent teaching, in a beautiful historic city. We offer a diverse range of undergraduate and postgraduate degree courses.

**University Press of Colorado
5589 Arapahoe Ave, #206C
Boulder CO 80303-8108
#209**

Publisher of the Mesoamerican Worlds series and other titles in Mesoamerican, Southwestern U.S. and North American archaeology.

**University Press of Florida
15 NW 15th Street
Gainesville FL 32603-1933
#402 & 404**

University Press of Florida publishes award-winning titles in archaeology, bioarchaeology, and anthropology with a focus on the Southeast, the Caribbean, and Central and South America.

**Versar, Inc.
2201 K Avenue, Suite A2
Plano TX 75074-5977**

#109

Versar, 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.

**Wiley-Blackwell
350 Main Street
Malden MA 02148-5089
#602**

Wiley is a global provider of knowledge and knowledge-enabled services that improve outcomes in areas of research, professional practice, and education. Through the research segment, the company provides digital and print scientific, technical, medical, and scholarly journals, reference works, books, database services, and advertising. The Professional Development segment provides digital and print books, online assessment and training services, and test prep and certification. In Education, Wiley provides education solutions including online program management services for higher education institutions and course management tools for instructors and students, as well as print and digital content. Visit www.wiley.com for more information.

Committees & Task Forces of the Society for American Archaeology

Many thanks to the following for their hard work & dedication.

COUNCIL OF AFFILIATED SOCIETIES

Teddy L. Stickney, Chair
Suzanne K. Fish (*Board Liaison*)

COMMITTEE ON THE AMERICAS

Barbara Arroyo, Chair
Rodrigo Liendo (*Board Liaison*)
Jorge Aching Vasquez
Andrea M. Cuellar
L. Antonio Curet
William J. Folan
Gerardo Gutierrez, Ph.D
Lynneth S. Lowe
Eduardo G. Neves
Dennis Ogburn
Lorena Paiz Aragon
Silvia Salgado, Ph.D
Izumi Shimada, RPA
Vera G. Tiesler
Danny Zborover
Geoffrey E. Braswell (ex-officio)
Maria A. Gutierrez (ex-officio)

Advisors

Christopher A. Pool (ex-officio)
Rani T. Alexander
Luis A. Borrero
Robert Drennan
Ronald D. Lippi
Emily S. McClung De Tapia, Ph.D,
RPA
Mario A. Rivera, RPA
Barbara L. Stark
James A. Zeidler, Ph.D

ANNUAL MEETING 2015 PROGRAM

COMMITTEE

Jane Eva Baxter, Chair
Sharon D. Wester Davis, Program
Assistant
Tobi A. Brimsek (*Board Liaison*)
Mitch Allen
Traci Ardren

Caryn M. Berg, RPA
Mary Jane Berman
Dr. Chase Brad
Zoë Crossland
Sarah K. Croucher
Dr. Kristin De Lucia
Colleen Delaney, RPA
Meredith Ellis, Ph.D
Dr. Ronald K. Faulseit, Jr.
Jacob Fisher, Ph.D
Lisa M. Fontes
Dr. Perry L. Gnivecki, RPA
Mark Hylkema, RPA
Morag M. Kersel
Amanda L. Logan
Jeanne Lopiparo
Christopher Milan
John W. Norder
Tricia E. Owlett
William A. Parkinson
Megan A. Perry
Paula Porubcan, RPA
Gordon F.M. Rakita, Ph.D, RPA
Charles R. Riggs, Ph.D, RPA
Yorke M. Rowan
Rachel E. Scott
David B. Small
Travis W. Stanton
Sarah L. Surface-Evans, Ph.D,
RPA
John J. Taylor-Montoya, Ph.D,
RPA
Clare Tolmie, RPA
Megan R. Victor
Melissa A. Vogel
Elizabeth Watts-Malouchos
Alice Yao
David R. Yesner, Ph.D

ANNUAL MEETING 2016 PROGRAM COMMITTEE

Eduardo G. Neves, Chair

ANNUAL MEETING 2015 LOCAL ADVISORY COMMITTEE

Colin I. Busby, RPA, Chair

ANNUAL MEETING 2016 LOCAL ADVISORY COMMITTEE

Sarah Miller, RPA, Chair

AMITY PUEBLO TASK FORCE

T. J. Ferguson, RPA, Co-Chair
John R. Welch, RPA, Co-Chair
Suzanne K. Fish (*Board Liaison*)
Lee Rains Clauss

ANNUAL MEETING POSTER SUBMISSION TASK FORCE

Chen Shen, Chair
Patricia Gilman, RPA (*Board Liaison*)
Cynthia Herhahn
Marc N. Levine
Gordon F.M. Rakita, Ph.D, RPA
Guadalupe Sanchez Miranda
Pei-Lin Yu

ANNUAL MEETING PRESENTATION TASK FORCE

Patricia A. Gilman, RPA, Chair
Erin Baxter
Jane Eva Baxter
John G. Douglass, RPA
Neal Ferris
Cynthia Herhahn
Johna Hutira
Marc N. Levine
Jose Luis Punzo
Gordon F.M. Rakita, Ph.D, RPA
Christopher B. Rodning
Guadalupe Sanchez Miranda
Daniel H. Sandweiss
Chen Shen
Ethan C. Watrall
Joshua J. Wells, Ph.D, RPA
Willem J.H. Willems
Tobi A. Brimsek (ex-officio)

ARCHAEOLOGICAL SURVEY DATA QUALITY, DURABILITY AND USE TASK FORCE

Richard H. Wilshusen, Chair
Jim Bruseth, Ph.D, RPA (*Board Liaison*)
Wade Catts
Karen de Dufour
Michael Heilen
Brad Jones

COMMITTEE ON THE AWARD FOR EXCELLENCE IN ARCHAEOLOGICAL ANALYSIS

Leah D. Minc, Chair
Susan D. deFrance
Jelmer W. Eerkens, Ph.D
Mary Lou Larson
Leah D. Minc
Michael J. Shott
Carla M. Sinopoli

COMMITTEE ON AWARDS

Heather A. Lapham, Chair
Suzanne K. Fish (*Board Liaison*)

BLM RMP TASK FORCE

John Roney, Chair
Kurt E. Dongoske, RPA
Robert P. Powers
Paul F. Reed
Ruth M. Van Dyke

BOOK AWARD COMMITTEE

Elizabeth Arkush, Chair
John H. Blitz
Paul Fish
Lynn H. Gamble, Ph.D
Nan Gonlin, RPA

BYLAWS COMMITTEE

Michael A. Glassow, RPA, Chair
Christina B. Rieth, RPA (*Board Liaison*)

CEREMONIAL RESOLUTIONS

Dean R. Snow, RPA, Chair
Jeffrey H. Altschul, RPA (*Board Liaison*)

CHERYL L. WASE SCHOLARSHIP TASK FORCE

Patty Crown, Chair
Diane Gifford-Gonzalez, RPA,
(*Board Liaison*)
Fumi Arakawa
Kathy Durand Gore
Christine Van Pool
Lynne Sebastian

**COMISIONADO LOCAL DE LA
CONFERENCIA INTERCONTINENTAL**

Luis Jaime Castillo-Butters, Chair
Tobi A. Brimsek (*Board Liaison*)
Bernardo Arriaza
Jaime Awe
José Capriles
Antonio Curet
Jalh Dulanto
Eduardo Goes Neves
José Oliver
Gustavo Politis
Stephen Rostain
Rafael Suarez
Santiago Uceda

**COMITE ORGANIZADOR DE LA
CONFERENCIA INTERCONTINENTAL**

Barbara Arroyo, Chair
Tobi A. Brimsek (*Board Liaison*)
Paul Amaroli
Ricardo Agurcia
Flores Delgado
Livy Grazioso
Alexander Herrera
Lyneth Lowe
Geoffrey McCafferty
Tomás Mendizabal
Silvia Salgado

CRABTREE AWARD COMMITTEE

Bonnie Lynn Pitblado, RPA, Chair
Marlin F. Hawley
Stephen E. Nash, Ph.D
Christopher D. Noll, RPA
Tim Pertulla, RPA

**EXCELLENCE IN CULTURAL RESOURCE
MANAGEMENT AWARD COMMITTEE**

Joseph Schuldenrein, Chair

Gary D. Shaffer
Daniel Thompson, RPA
Matt S. Tomaso, RPA
Carlo S. Weed, M.A., RPA

COMMITTEE ON CURRICULUM

Kathryn Kamp, Chair
Terry S. Childs, RPA (*Board Liaison*)
Stephen Acabado, Ph.D
Darlene Applegate
Dr. Benjamin Carter, Ph.D, RPA
Dr. Sharyn R. Jones, PhD
Alexandra McCleary
Elizabeth Terese Newman, Ph.D
Dr. Lee M. Panich, RPA
Benjamin M. West
Justin P. Williams

DIENJE KENYON FELLOWSHIP COMMITTEE

Frank E. Bayham, Chair
Emily Lena Jones, RPA
Sarah B. McClure
Katherine M. Moore
Erin Thornton

**DISCOVERING THE ARCHAEOLOGISTS OF
THE AMERICAS REQUEST FOR PROPOSAL
TASK FORCE**

Teresita Majewski, RPA, Chair
Sarah A. Herr (*Board Liaison*)
David W. Cushman
Hope E. Luhman, RPA
William Moss
Joel Palka
Donald J. Weir, RPA

DISSERTATION AWARD COMMITTEE

Jason Yaeger, Chair
Christina A. Conlee
Suzanne L. Eckert, RPA
Lars Fogelin
Liam Frink
Marcus J. Hamilton
Hector Neff

DOUGLAS C. KELLOGG FUND COMMITTEE

Susan M. Mentzer, Chair
Vickie L. Clay
Cynthia M. Fadem

Thomas R. Fenn, Ph.D.
Richard H. Wilshusen

TASK FORCE ON EMPLOYMENT SERVICES

Sarah W. Neusius, RPA, Chair
Tobi A. Brimsek (*Board Liaison*)
Casey Campetti
Jon S. Czaplicki
Edward A. Jolie
Mr. John E. Krebs, III
Donald J. Weir, RPA

COMMITTEE ON ETHICS

Dru McGill, Chair
Christina B. Rieth (*Board Liaison*)
Dr. Anna T. Browne Ribeiro
Richard Ciolek-Torello, Ph.D, RPA
Angelina Howell
Alice Hunt
Dr. Christopher T. Morehart
Helen A. Robbins
Melanie P. Saldana
Hilary A. Soderland, RPA
Karen B. Supak

EXECUTIVE COMMITTEE

Jeffrey H. Altschul, RPA, Chair
Jim Bruseth, Ph.D, RPA
Diane Gifford-Gonzalez, RPA
Patricia A. Gilman, RPA
Christina B. Rieth, RPA
Tobi A. Brimsek (ex-officio)

FRED PLOG MEMORIAL FELLOWSHIP COMMITTEE

Maxine E. McBrinn, Chair
Donna M. Glowacki
Judith A. Habicht-Mauche
Adam Watson

FRYXELL AWARD COMMITTEE

Ben Fitzhugh, Ph.D, Chair
Rolfe D. Mandel
Lee A. Newsom
Christopher M. Stevenson
Mary C. Stiner

FUNDRAISING COMMITTEE

Julie K. Stein, Chair
Jim Bruseth, Ph.D, RPA (*Board Liaison*)
Margaret W. Conkey, RPA
Jason P. De Leon
Kirk D. French
Ricky R. Lightfoot, RPA
Phillip D. Neusius
Jan F. Simek
Paul D. Welch
Tobi A. Brimsek (ex-officio)

Task Force on Gender and Rates of Research Grant Submissions

Lynne Goldstein, RPA, Co-Chair
Barbara J. Mills, Co-Chair
Sarah A. Herr, RPA (*Board Liaison*)

GENE S. STUART AWARD COMMITTEE

Kirk D. French, Chair

GOVERNMENT AFFAIRS COMMITTEE

Donn Grenda, Ph.D, RPA, Current Chair
Lee Rains Clauss, Former Chair
Daniel H. Sandweiss (*Board Liaison*)
Sara Atchley Thomas, M.A., RPA
Stanley C. Bond, Jr.
David S. Clarke, RPA
Kurt E. Dongoske, RPA
Timothy J. Guyah
Dr. Timothy D. Maxwell
Francis P. McManamon, Ph.D, RPA
Dawn M. Rutecki
Jay E. Silverstein, UH, RPA, JPAC, NGS
John R. Welch, RPA

IFR UNDERGRADUATE STUDENT AWARDS

Wesley Bernardini, RPA, Chair
Robert Cook
Anthony P. Graesch
Margaret C. Nelson
Christopher B. Rodning
Lisa C. Young

International Government Affairs Committee

Ian A. Lilley, Chair
 Daniel H. Sandweiss, (*Board Liaison*)
 Barbara Arroyo
 Peter F. Biehl
 Lawrence S. Coben
 Dr. Luis Gomez-Gastelum
 Ian A. Lilley
 Scott MacEachern
 César Méndez
 William Moss
 Laurie W. Rush, RPA, FAAR
 Chen Shen
 Hilary A. Soderland, RPA
 Ben S. Thomas
 Willem J.H. Willems

INVESTMENT & FINANCE COMMITTEE

Paul D. Welch, Chair
 Jim Bruseth, Ph.D, RPA (*Board Liaison*)
 Paul E. Minnis, RPA
 Kristin L. Nado
 Thomas R. Rocek
 Donald J. Weir, RPA
 Tobi A. Brimsek (ex-officio)

EXCELLENCE IN LATIN AMERICAN AND CARIBBEAN ARCHAEOLOGY

Tomas E. Mendizabal, Chair
 Rani T. Alexander
 Astolfo M. Araujo, Ph.D
 Terry G. Powis
 Jorge A. Provenzali
 Carlos A. Rincon Mautner
 John E. Staller, Ph.D
 Henry A. Tantaleán, Ph.D
 Jason L. Toohey, Ph.D

LIFETIME ACHIEVEMENT AWARD COMMITTEE

Barbara Voorhies, Chair
 Victor B. Fisher
 Don D. Fowler, RPA
 Marlin F. Hawley
 Matthew G. Hill
 Paul E. Minnis, RPA
 Patty Jo Watson

MEDIA RELATIONS COMMITTEE

Andrea Elyse Messer, Chair
 Patricia A. Gilman, RPA (*Board Liaison*)
 Gina Buckley-Yost
 Jeffrey P. Emanuel
 Kirk D. French
 Krystal M. Hammond
 Mr. Jordan N. Jacobs
 Angela H. Keller, RPA
 Zachary Nelson
 Evan A. Parker
 Mary Beth D. Trubitt
 Meredith A. Wismer-Lanoe

MINORITY SCHOLARSHIPS COMMITTEE

Tiffany A. Tung, Chair
 Diane Gifford-Gonzalez, RPA (*Board Liaison*)
 M. Dores Cruz
 Jason P. De Leon
 Claudia Garcia-Des Lauriers
 Yin-Man Lam
 Vincent M. LaMotta, Ph.D
 Ms. Desiree R. Martinez
 Christina Torres-Rouff

COMMITTEE ON MUSEUMS, COLLECTIONS, AND CURATION

Kevin P. Smith, Chair
 Terry S. Childs, RPA (*Board Liaison*)
 Danielle M. Benden, RPA
 Cynthia Ann Bettison, RPA
 Jenna A. Domeischel
 Kirstie L. Haertel
 Summer Moore
 Michael R. Polk, RPA
 Jeffrey T. Rasic, Ph.D, RPA
 Wendy G. Teeter, Ph.D, RPA
 Heather B. Thakar, PhD, RPA
 Marybeth S F Tomka
 Dr. Loa P. Traxler
 Stephen L. Whittington

COMMITTEE ON NATIVE AMERICAN RELATIONS

Patricia A. Garcia, Chair
 Chip Colwell (*Board Liaison*)
 Barker Fariss, Ph.D.

Sara Gonzalez
 Nicholas C. Laluk
 Matt Liebmann
 Ronald Maldonado
 Peter A. Nelson
 Nanabah Nez
 John J. Rose
 Kenneth B. Tankersley
 Diane L. Teeman, M.S.
 Eirik Thorsgard
 Ms. Emily A. Wilkerson, MA, RPA
Advisors
 Dorothy T. Lippert
 Wendy G. Teeter, Ph.D, RPA

NATIVE AMERICAN SCHOLARSHIPS COMMITTEE

Ms. Desiree R. Martinez, Chair
 Chip Colwell (*Board Liaison*)
 Patricia A. Garcia
 Margaret Howard, RPA
 Johna Hutira
 Matt Liebmann
 Mary J. Piper
 Terry G. Powis
 Anne K. Pyburn
 Eirik Thorsgard
 Christopher B. Wolff

NOMINATING COMMITTEE

Dr. Alex W. Barker, RPA, Chair
 Christina B. Rieth, RPA (*Board Liaison*)
 Meghan Howey, PhD
 Charles M. Niquette, RPA
 Carla M. Sinopoli
 Elisa Villalpando

PUBLIC ARCHAEOLOGY WEBPAGES TASK FORCE

Elizabeth A. Bollwerk, Chair
 Sarah A. Herr, RPA (*Board Liaison*)

PUBLIC EDUCATION COMMITTEE

Robert P. Connolly, Chair
 Sarah A. Herr, RPA (*Board Liaison*)
 Jenny H. Blanchard, MA, RPA
 Elizabeth A. Bollwerk

Ms. Eve A. Hargrave
 Ryan M. Harke
 Brian Harmon
 Elizabeth Konwest
 Meredith Anderson Langlitz
 Ora V. Marek-Martinez
 Bernard K. Means, RPA
 Bonnie Lynn Pitblado, RPA
 Fran Seager-Boss
 Ms. Rebecca L. Simon
 Karen B. Supak
 Danny Zborover
 Kari A. Zobler

EXCELLENCE IN PUBLIC EDUCATION AWARD COMMITTEE

Lynn M. Alex, Chair
 Nancy Hawkins
 Gwynn Henderson
 Jayur M. Mehta, RPA
 Claudine Payne

PUBLICATIONS COMMITTEE

Deborah L. Nichols, Chair
 Suzanne K. Fish (*Board Liaison*)
 Carrie L. Dennett
 Sarah W. Kansa
 Gordon F.M. Rakita, Ph.D, RPA
 Kenneth M. Ames, RPA (ex-officio)
 Christopher D. Dore, Ph.D, RPA (ex-officio)
 Geoffrey Braswell (ex-officio)
 Anna Marie Prentiss (ex-officio)
 Kenneth E. Sassaman (ex-officio)
 Mara Gutierrez (ex-officio)

COMMITTEE ON REPATRIATION

Nell E. Murphy, Chair
 Chip Colwell (*Board Liaison*)
 Claire S. Barker
 Mark Collard
 Kurt E. Dongoske, RPA
 Jacob Fisher, Ph.D
 Nicholas C. Laluk
 Angela J. Neller
 Lauren Sieg
 David T. Vlcek, Bonneville
 Archaeolo

Advisors

Hilary A. Soderland, RPA

TASK FORCE ON SOCIAL MEDIA

Giovanna M. Peebles, Chair

Tobi A. Brimsek (*Board Liaison*)

**COMMITTEE ON THE STATUS OF WOMEN IN
ARCHAEOLOGY**

Jo Ellen Burkholder, RPA, Chair

Sarah A. Herr, RPA (*Board
Liaison*)

Kristen D. Barnett

Lyneve M. Begaye

Maria C. Bruno, PhD

Phyllis S. Johnson, M.A., RPA

Ms. Joanne S. Minerbi

Kathleen Sterling

Rissa M. Trachman

Melissa A. Vogel

Cynthia M. Zutter

STUDENT AFFAIRS COMMITTEE

Erin Baxter, Chair

Patricia A. Gilman, RPA (*Board
Liaison*)

Ms. Meghan E. Buchanan

Anna L. Forringer-Beal

Miss Vivian S. James, RPA, B.S.,
M.A.

Mr. John E. Krebs, III

David Massey

Jessica L. Raab

Petra Vaiglova

Jessica Yann

STUDENT PAPER AWARD COMMITTEE

Lynn E. Fisher, Chair

Carolyn Dillian, RPA

Judith A. Habicht-Mauche

Jessi J. Halligan

Benjamin W. Porter

Sonja A. Schwake

STUDENT POSTER AWARD COMMITTEE

Brett A. Houk, Chair

Mark A. Hill, RPA

Patti J. Wright

SURVEY PROJECT OVERSIGHT COMMITTEE

Christina B. Rieth, RPA, Chair

Sarah A. Herr, RPA

Tobi A. Brimsek (*ex-officio*)

Rodrigo Liendo

**TASK FORCE FOR THE SELECTION OF THE
NEXT EDITOR OF ADVANCES**

W. Fredrick Limp, RPA, Chair

Brian F. Byrd, RPA

Eduardo G. Neves

Sarah H. Schlanger

Joseph Schuldenrein

Dr. Joe E. Watkins, Ph.D, RPA

**TASK FORCE ON INCORPORATING
ARCHAEOLOGY RESOURCES IN REGIONAL
LAND USE PLAN**

William H. Doelle, Chair

Christina B. Rieth, RPA (*Board
Liaison*)

David C. Crass

David W. Cushman, M.A.

William R. Hildebrandt

**TASK FORCE ON VALUING
ARCHAEOLOGICAL RESOURCES**

Francis P. McManamon, Ph.D,
RPA, Chair

Terry Childs, RPA (*Board Liaison*)

William D. Lipe, RPA

THANK YOU FOR JOINING US FOR SAA'S 80TH ANNUAL MEETING!

Save the Dates for these Upcoming Meetings:

81st Annual Meeting

April 6-10, 2016

Orlando, FL

82nd Annual Meeting

March 29-April 2, 2017

Vancouver, BC

Canada

83rd Annual Meeting

April 11-15, 2018

Washington, DC

84th Annual Meeting

April 10-14, 2019

Albuquerque, NM

For the latest updates, visit the Annual Meeting Section of

SAAweb at www.saa.org



SOCIETY FOR AMERICAN ARCHAEOLOGY

Index

- Abatis, Stamos [14]
 Abbott, David [123], [173], [273], [304]
 Abeyta, Armando [392]
 Abraham, Shinu [101]
 Abraham, Shinu Anna [402]
 Abramo, Heather [363]
 Acabado, Stephen [119], [180], [238]
 Acebo, Nathan [128]
 Aceituno, Javier [186]
 Acevedo, Veronica [411]
 Acosta, Esteban [367]
 Acosta, Jocelyn [355]
 Acosta Ochoa, Guillermo [141]
 Acuña, Mary Jane [244], [413]
 Adams, Dr. Matthew [103]
 Adams, E [343]
 Adams, Jenny [55], [342]
 Adams, Jesse [362]
 Adams, Karen [85], [127]
 Adams, Karen R. [127], [343]
 Adams, Opal [90]
 Adler, Jon [121]
 Adler, Michael [34]
 Adovasio, J. M. [114], [192]
 Adriano Morán, Carmen Cristina [141]
 Aebersold, Luisa [10]
 Agarwal, Sabrina [107]
 Agenten, Courtney [236]
 Aguilar, José [410]
 Aguilera, Patricio [318]
 Aguirre, Alberto [129]
 Aguirre, Alejandra [298]
 Aguirre Molina, Alejandra [298]
 Ahlman, Todd [44]
 Ahlrichs, Robert [139], [359]
 Aiello, Leslie [71]
 Aimers, Jim [295]
 Ainis, Amira [32]
 Ainsworth, Caitlin [364]
 Aiuvalasit, Michael [239]
 Aju, Gloria [196]
 Akai, Fumito [115]
 Akins, Nancy [354]
 Akoshima, Kaoru [389]
 Al Kuntar, Salam [254]
 Alaica, Aleksa [60]
 Aland, Amanda [398]
 Al-Azm, Amr [254]
 Albeck, Maria [180]
 Albert, Rosa Maria [309]
 Albert, Rosa-Maria [294], [309]
 Alberto-Villavicencio, Angeles [129]
 Albore, Alex [73]
 Alcantara, Keitlyn [249]
 Alconini, Sonia [184], [247], [398]
 Aldeias, Vera [35], [53], [190]
 Aldenderfer, Mark [140], [205]
 Alders, Wolfgang [238]
 Alegria, Crystal [95], [98], [236], [390]
 Aleshire, Rachael [95]
 Alex, Bridget [64]
 Alex, Lynn [98]
 Alexander, Karen [81]
 Alexander, Rani [76]
 Alexandrino Ocaña, Grace [134]
 Alexis, Marie [181]
 Alfaro, Martha [410]
 Alfonso-Durruty, Marta [251]
 Aliphath, Mario [86]
 Alix, Claire [302]
 Alizadeh, Karim [402]
 Allan, James [62], [416]
 Allard, Francis [349]
 Allcock, Samantha [210]
 Allen, Jim [296]
 Allen, Josh [392]
 Allen, Kathleen [109]
 Allen, Mark [138]
 Allen, Megan [208]
 Allen, Melinda [77], [233]
 Allen, Susan [291]
 Allen, Thurman [220]
 Allison, James [6], [127], [274]
 Almansa-Sanchez, Jaime [72]
 al-Nahar, Maysoon [64]
 Alonso, Christina [62]
 Alonso, Isuara Nereyda [366]
 Alonso-Olvera, Alejandra [399]
 Alonzi, Elise [315]
 Alonzo, Patricia [249]
 Alram-Stern, Eva [79]
 Alrawi, Zaid [254]
 Alsgaard, Asia [193]
 Alt, Kurt W. [16]
 Alvarado, Jennifer [172]
 Alvarez, Alex [370]
 Alvarez, Myrian [176]
 Álvarez, Alexis [291]
 Álvarez, Myrian [73]
 Álvarez-Fernández, Esteban [74]
 Álvarez-Sandoval, Brenda [231]
 Alvey, Heather [3]
 Alvitre, Cindi [95], [197]
 Amador, Fabio Esteban [355]
 Amador, Julio [352]
 Ambrose, Stanley [406]
 Ambrose, Stanley H. [174]
 Ames, Christopher [35]
 Ames, Kenneth [1], [80], [360]
 Ames, Kenneth M. [82]
 Ames, Nicholas [402]
 Amicone, Silvia [89]
 Ammerman, Albert J. [25]
 An, Ting [102]
 Anamthawat-Jónsson, Kesara [288]
 Anaya Hernandez, Armando [86]
 Anaya-Hernández, Armando [103]
 Anderson, Amber [411]
 Anderson, Chase M. [274]
 Anderson, David [74], [123], [125], [161], [200], [333]
 Anderson, David S. [182]
 Anderson, Derek [387]
 Anderson, E. [291]
 Anderson, Emily [20]
 Anderson, Eugene [291]
 Anderson, J. Heath [88]
 Anderson, Karen [184]
 Anderson, Lars [35], [181]
 Anderson, Lysanna [350], [408]
 Anderson, Mark [185]
 Anderson, Patricia [17]
 Anderson, Richard [357]
 Anderson, Robert [294]
 Anderson, Shelby [159], [302]
 Andrade, Israel [231]
 Andrade Cuautle, Agustín [410]
 Andrén, Anders [36]

- Andrew, Holly [188]
 Andrew, Holly L. [98]
 Andrews, Anthony [76], [413]
 Andrews, Brian [35], [148]
 Andrews, E. Wyllys [295]
 Andrieu, Chloe [413]
 Andrus, C. Frederick T. [152]
 Angel Mamani, Manuel [208]
 Angelbeck, Bill [400]
 Angelo, Dante [261]
 Angourakis, Andreas [73], [402]
 Ankele, William [300]
 Ann, Peters [31]
 Anthony, Alexander [301]
 Anthony, Dana [46]
 Anthony, David [241]
 Antonellis, April [103]
 Antorcha Pedemonte, Ricardo [237]
 Anzellini, Armando [78]
 Appleby, Jo [116]
 Aragon, Leslie [278], [304]
 Arakawa, Fumiyasu [292]
 Arano, Diana [370]
 Araujo, Adauto [127]
 Araújo, Adauto [415]
 Arbuthnot, Michael [243]
 Arce, José Luis [151]
 Arce, Susana [31]
 Arcega-Cabrera, Flor [25]
 Archebelle-Smith, Aric [208]
 Ardelean, Ciprian [317]
 Ardren, Traci [24], [88], [152], [344]
 Areche, Rodrigo [134]
 Arendt, Nicole [95]
 Arguelles, Amaranta [298]
 Arias, Pablo [74], [395]
 Aristizabal Losada, Lucero [107]
 Arjona, Jamie [108], [269]
 Arksey, Marieka [193]
 Arkush, Brooke [171]
 Arkush, Elizabeth [14], [285]
 Armijo, Ricardo [24]
 Armit, Ian [177]
 Armstrong, Aaron [356]
 Arneborg, Jette [351]
 Arnett, Abraham [382]
 Arnold, Bettina [285]
 Arnold, Jeanne [32], [310]
 Arnold III, Philip J. [144]
 Arpaia, Angela [41]
 Arpin, Trina [190]
 Arrigoni, Aimee [62]
 Arrington, Nathan [154]
 Arroyo, Barbara [196], [242]
 Arroyo-Cabral, Joaquín [370]
 Arroyo-Cabral, Joaquín [141]
 Arsuaga, Juan Luis [87]
 Arthur, Dr. Kathryn [340]
 Arthur, John [174]
 Arthur, Kathryn [174]
 Artz, Joe [284]
 Asaia, Tautala [77]
 Ashby, Steven [18]
 Ashcroft, Eric [254]
 Asher, Brendon [148]
 Ashley, Michael [5], [297]
 Ashmore, Wendy [344]
 Asouti, Eleni [414]
 Astrom, Courtney [249]
 Astudillo, Fernando [119]
 Atalay, Sonya [34], [308]
 Athenstädt, Jan [229]
 Atherton, Heather [34]
 Atkinson, Lesley-Gail [153]
 Attolini, Franco [370]
 Atwater, Chloe [294]
 Auer, Michael [100]
 Auger, Reginald [405]
 Aura Tortosa, J. Emili [155]
 Ausec, Marne [314]
 Austin, Anne [240]
 Austin, Don [352]
 AVCI, Mert Bertan [218]
 Avila, Jairo [391]
 Avila-Ortiz, Alan [81]
 Awe, Jaime [24], [193], [244], [248], [306], [338], [376]
 Ayres, William [52]
 Azéma, Marc [181]
 Azevedo, Diana [164]
 Babalola, Abidemi [140]
 Bachelier, François [190]
 Badilla-Cambronero, Adrián [170]
 Badillo, Alex [120]
 Baer, Alexander [388]
 Baer, Sarah [98], [352]
 Bagwell, Elizabeth [354]
 Baichtal, James [320]
 Bailey, David [10], [56], [312]
 Bailey, David G. [92]
 Bailey, Doug [297]
 Bailey, Kassi [166]
 Baines, Jonathan [402]
 Baird, Douglas [16]
 Baires, Sarah [305]
 Baisan, Christopher [110]
 Baitzel, Sarah [184], [203]
 Baker, Brenda [240]
 Baker, Jeffrey [333]
 Baker, Kristen [132]
 Balanzario, Sandra [399]
 Balasalle, Aileen [76]
 Balasescu, Adrian [401]
 Balasse, Marie [406]
 Balbo, Andrea [73]
 Balcarcel, AnaBeatriz [408]
 Balcarcel, Beatriz [408]
 Balco, William [368]
 Baldwin, Anne [34]
 Balinger, Duncan [24]
 Ball, Terry [309]
 Balladares, Sagrario [313]
 Ballantyne, Rachel [176]
 Ballard, Hannah [416]
 Ballenger, Jesse [92], [178], [300]
 Ballester, Benjamín [318]
 Baltus, Melissa [305]
 Bamforth, Douglas [17]
 Banas, Jozie [52]
 Banerjee, Rowena [288]
 Banffy, Eszter [348]
 Banikazemi, Cyrus [11]
 Banks, Kimball [136], [230]
 Banks, William [40]
 Banning, Edward [47], [401]
 Baram, Uzi [405]
 Barba, Luis [26], [176], [399]
 Barba, Luis Alberto [176]
 Barber, Sarah [249], [410]
 Barbi, Nicholas [101]
 Barbier, Brian [32]
 Bardolph, Dana [187], [347]
 Bardolph, Paige [187]
 Baret, David [77]
 Barker, Amelia [57]
 Barker, Andrew [121], [122], [166]
 Barker, Claire [343]
 Barker, Claire S. [343]
 Barker, Leo [416]
 Barkwill Love, Lori [262]
 Bar-Matthews, Miryam [294]
 Barnard, Hans [51], [184]
 Barnett, Ashley [29]
 Barnett, Kay [85]
 Barnett, Kristen [312]
 Barnett, Kristen D. [312]
 Barnum, Sandra [282]
 Baroldi, Michelle [52]
 Baron, Dirk [55]
 Baron, Joanne [263]
 Barrett, Jason [43]
 Barrett, Jason W. [292]

- Barretto-Tesoro, Grace [238]
 Barrientos, Gustavo [185], [251]
 Barrientos, Isaac [242]
 Barrios, Edy [183], [366]
 Barry, Jack [316]
 Barse, William [275], [371]
 Bartelink, Eric [207], [293], [373], [415]
 Bartelink, Eric J. [293], [332]
 Barton, C. Michael [84], [221]
 Barton, Huw [414]
 Barton, Loukas [345]
 Bar-Yosef, Ofer [40], [53], [255], [345]
 Bar-Yosef Mayer, Daniella [368]
 Barzilai, Omry [64]
 Barzilai, Rebecca [359]
 Basanti, Dil [23]
 Basgall, Mark E. [341]
 Basiran, Alper [8]
 Bassett, Hayden [50]
 Bates, Martin [174]
 Batmunkh, Tsogtbaatar [53]
 Battaglia, Mario [93]
 Battillo, Jenna [239]
 Batun-Alpuche, Ivan [188]
 Bauer, Andrew [108], [142]
 Bauer-Clapp, Heidi [72], [270]
 Baugher, Sherene [405]
 Baumann, Steve [29]
 Baumann, Timothy [373]
 Baustian, Kathryn [131]
 Bautista, Stefanie [31]
 Baxter, Erin [222], [273], [354]
 Bayliss, Alex [348]
 Bazaliiskii, Vladimir [131]
 Beach, Jeremy [20]
 Beach, Timothy [176], [350]
 Beamer, Dawn [281]
 Beasley, Melanie [293]
 Beaudoin, Matthew [13]
 Beaudry, Mary [36]
 Beaupré, Andrew [405]
 Beaver, Joseph [276]
 Beck, Colleen [311]
 Beck, Jess [205], [332]
 Beck, Kelly [310]
 Beck, Margaret [361]
 Beck, Robin [81]
 Beck, Jr., Robin [188]
 Becker, Matt [52]
 Becker, Rory [4]
 Becker, Sara [384]
 Beckett, Ronald [299]
 Becks, Fanya [224]
 Beddows, Patricia [370]
 Bedell, John [29]
 Bedford, Clare [3]
 Bedford, Stuart [77]
 Beekman, Christopher [39]
 Beisaw, April [222], [289]
 Bekvalac, Jelena [299]
 Belanger, Claude [147]
 Belardi, Juan [185], [251]
 Belardi, Juan Bautista [251]
 Belfer-Cohen, Anna [16], [33], [82]
 Belkin, Sara [93]
 Belknap, Daniel [243]
 Bell, Colleen [139]
 Bell, Ellen [366]
 Bello, Charles [336]
 Bellorado, Benjamin [354]
 Belmaker, Miriam [368]
 Beltran, Jose Carlos [189]
 Beltrán Medina, José Carlos [189]
 Belyaev, Dmitry [26], [86]
 Bement, Leland [122], [148], [229]
 Bement, Leland C. [300]
 Bender, Laura [359]
 Bender, Shilo [6]
 Benfer, Adam [246]
 Bengtson, Jennifer [365]
 Benjamin, Jonathan [74], [243]
 Benn, David [353]
 Bennett, Elizabeth [394]
 Bennett, Stacey [150]
 Bentley, R. Alexander [191]
 Bentsen, Silje [7]
 Bentz, Linda [328]
 Benz, Marion [16]
 Berbesque, J. Colette [415]
 Berdan, Frances [194], [298], [346]
 Beresford-Jones, David [31]
 Berger, Elizabeth [283]
 Bergh, Stefan [185]
 Bergin, Sean [51]
 Berlanga Trindade, Thiago [326]
 Berman, Mary Jane [387]
 Bermann, Marc [184]
 Berna, Francesco [174]
 Bernal, Marcela [107]
 Bernard, Hans [366]
 Bernard, Henri [172]
 Bernard, Julianne [3], [143]
 Bernardini, Wesley [358]
 Bernatchez, Jocelyn [356]
 Bernemann, Amanda [359]
 Berquist, Stephen [142]
 Berrey, Adam [36], [82]
 Berrey, Charles [246]
 Berry, Meg [353]
 Bertilsson, Ulf [137]
 Bertin, Sean [221]
 Bertolazzi, Riccardo [368]
 Bestel, Sheahan [271], [313]
 Bethke, Brandi [300]
 Bettencourt, Nichole [155]
 Bettinger, Robert [1], [135], [178], [341], [415]
 Betts, Matthew [80]
 Betz, Barbara [205]
 Betzenhauser, Alleen [237]
 Bevan, Andrew [89], [221], [235]
 Bey III, George [113]
 Bey III, George J. [263]
 Biagetti, Stefano [23]
 Bicho, Nuno [53], [174], [389]
 Biehl, Peter [218], [297]
 Biermann, Rebecca [121]
 Bigelow, Nancy [7], [119], [302]
 Bigman, Daniel [8]
 Bigoni, Lucie [207]
 Billen, Nicolas [100]
 Billman, Brian [11], [404]
 Billo, Evelyn [409]
 Binning, Jeanne [386]
 Birch, Dylan [133]
 Birch, Jennifer [26], [177]
 Bird, Douglas [296]
 Bird, Douglas W. [296]
 Bird, Susan [370]
 Birge, Adam [208]
 Birkmann, Joseph [180]
 Birmingham, James [400]
 Bishop, Gale [178]
 Bishop, Katelyn [22], [273]
 Bishop, Melisa [350]
 Bishop, Ronald [86], [413], [416]
 Bissett, Thaddeus [125], [275]
 Bisson, Michael [64]
 Biwer, Matthew [347]
 Black, Marielle [341]
 Black, Michael [160]
 Black, Stephen [256]
 Black, Steve [342]
 Blackmore, Chelsea [269]
 Blackwell, Bonnie A.B. [396]
 Blair, Christopher [213]

- Blair, Elliot [140], [178]
 Blake, Michael [80], [151]
 Blancas, Diana Karina [141]
 Blanton, Dennis [140]
 Blanton, Richard [26], [194]
 Blanton, Richard E. [237]
 Blessing, Sarah [204]
 Bletzer, Michael [81]
 Bliege Bird, Rebecca [296]
 Bligh, Frances [345]
 Blinman, Eric [284]
 Blinman, Jessica [103]
 Bloch, Lee [374]
 Blom, Ronald [199]
 Blomster, Jeffrey [216], [410]
 Blong, John [171]
 Blount, Clinton [310]
 Bluma, Jacquelyn [265]
 Boanasera, Tammy [342]
 Boaretto, Elisabetta [64]
 Bochniak, Victoria [374]
 Bocinsky, R. Kyle [84], [167], [330], [348], [354]
 Bode, Leslie [154]
 Boen, Renee [230]
 Boger, Rebecca [290]
 Bogle, Johnny [246]
 Bohorquez Gerardy, Stefan [367]
 Boileau, Arianne [166]
 Boivin, Nicole [105]
 Bolé, Jacques [77]
 Bolhar, Robert [77]
 Bollwerk, Elizabeth [235]
 Bolunia, Mary Jane Louise [238]
 Bon, François [35], [181]
 Bonacchi, Chiara [235]
 Bond, Julie [351]
 Bond, Stanley [83]
 Bondura, Valerie [394]
 Bongers, Jacob [169]
 Bongers, Jacob L. [287]
 Bongiovanni, Rosanne [206]
 Bonhomme, Vincent [412]
 Bonsall, Clive [40], [74]
 Boomer, Ian [25]
 Boone, Cristie [406]
 Boone, James [228]
 Booton, Ross [53]
 Borck, Lewis [400]
 Boremans, Didier [242]
 Borenstein, Gabrielle [212], [401]
 Borie, Cesar [2]
 Borie, César [409]
 Borrero, Luis [87]
 Borrero, Mario [27]
 Bortolini, Eugenio [191]
 Bos, Kristen [384]
 Bosch, Stephanie [92]
 Bostwick, Todd [209], [282]
 Boswell, Alicia [404]
 Bouchard-Perron, Julie-Anne [154]
 Boudreaux, Sarah Nicole [375]
 Boulanger, Matthew [123]
 Boulanger, Matthew T. [230]
 Bourgeon, Lauriane [112], [357]
 Boutin, Alexis [299]
 Bouwman, Abigail [264]
 Bovy, Kristine [168]
 Boyd, Carolyn [353]
 Boyd, Carolyn E. [149]
 Boyd, Charles [202]
 Boyd, Cliff [275]
 Boyd, Donna [202]
 Boyd, Joshua [122]
 Boyd, Siobhan [411]
 Boza Cuadros, Maria Fernanda [31]
 Bracco, Jean-Pierre [181]
 Bracken, Justin [219]
 Bradley, Savannah [113]
 Brady, James [355]
 Brahe, Henrik [409]
 Braje, Todd [32]
 Braje, Todd J. [328]
 Brandes, Ulrik [229]
 Brandl, Kathleen [165]
 Brandt, Steven [412]
 Brannan, Stefan [177]
 Brant, Erika [378]
 Braswell, Geoffrey [196]
 Braun, David [122], [174]
 Braun, David R. [121]
 Braun, Kerstin [294]
 Braund, Kathryn [103]
 Bravo Foster, Marina [174]
 Bray, Peter [241], [402]
 Bray, Tamara [303]
 Brellas, Demetri [154]
 Bremer, J [34]
 Brennan, Candice [95]
 Brenner, Mark [130]
 Brenner Coltrain, Joan [162], [362]
 Breschini, Gary [373]
 Breslawski, Ryan [35]
 Breternitz, Cory [123], [209], [354]
 Brewington, Seth [161], [351]
 Brezine, Carrie [241]
 Bria, Rebecca [142], [250], [252]
 Bria, Rebecca E. [252]
 Bridges, Elizabeth [291]
 Briggs, Rachel [173]
 Brin, Adam [123]
 Bringelson, Dawn [83], [120]
 Brink, Laura [293]
 Brisbin, Joel [85]
 Bristow, Emilia [284]
 Brite, Elizabeth [291]
 Britt, Kelly [34]
 Britt, Krystal [343]
 Britt, Tad [284]
 Britton, Emma [245]
 Britton, Kate [337]
 Briz, Ivan [73], [176]
 Brock, Fiona [387]
 Brock, William [191]
 Brodbeck, Mark [272]
 Brodie, Neil [279]
 Brooks, Alison [122], [215]
 Brooks, Alison S. [121]
 Brooks, James [175]
 Broughton, Jack [119], [293]
 Brouwer Burg, Marieka [244]
 Brown, Alexander [288]
 Brown, Alyson [112]
 Brown, Andrew [272]
 Brown, Ashley [368]
 Brown, Clifford T. [246]
 Brown, David [46]
 Brown, Dorcas [241]
 Brown, Gary [406]
 Brown, Gloria [143]
 Brown, Ian [109]
 Brown, Ian W. [220], [381]
 Brown, James [121], [360]
 Brown, Jason [95]
 Brown, Kyle [356]
 Brown, Kyle S. [356]
 Brown, Leslie [204], [264]
 Brown, Letricia [225]
 Brown, M. Kathryn [306]
 Brown, Matthew [56]
 Brown, Nicholas [250]
 Brown, Sarah [28]
 Brown, Thomas [80]
 Brughmans, Tom [84], [200]
 Bruhns, Tanachy [85]
 Bruhy, Mark [280]
 Brunclikova, Lenka [321]
 Bruner, Emiliano [33]
 Bruner, Kale [302]
 Bruno, Maria [162], [184], [350]
 Brunson, Katherine [366]
 Brunswig, Robert [300]
 Bruxelles, Laurent [35], [190]

- Bruzek, Jaroslav [207]
 Bryan, Adrienne [247]
 Bryson, Robert [29]
 Brzezinski, Jeffrey [249]
 Buchanan, Briggs [191]
 Buchanan, Meghan [3], [289]
 Buck, Laura [415]
 Buck, Paul [8]
 Buckberry, Jo [299]
 Buckley-Yost, Gina [136]
 Buckmaster, Marla [280]
 Budar, Lourdes [144]
 Bueno, Lucas [157]
 Bueno, Marilyn [355]
 Buffington, Abigail [162]
 Buhay, Bill [313]
 Buikstra, Jane [299], [331], [378], [384]
 Bulbeck, David [407]
 Bulger, Teresa [416]
 Bulhusen Munoz, Karim [156]
 Bullion, Elissa [359]
 Bullock, Meggan [393]
 Bullock, Seth [84]
 Buonasera, Tammy [342]
 Burant, Eric [301]
 Burchard, Esteban [313]
 Burger, Paul [151]
 Burger, Richard [78], [292]
 Burgess, Hunter [274]
 Burgin, Leah [83]
 Burgos, Walter [183], [366]
 Burham, Melissa [266]
 Burjachs, Francesc [74]
 Burke, Adam [185]
 Burke, Adrian [185]
 Burke, Chrissina [87]
 Burke, Clare [79]
 Burke, Tommy [405]
 Burkholder, Jo [71], [232], [269]
 Burley, David [77]
 Burnett, Katherine [392]
 Burnett, Paul [361]
 Burnette, Benrita [239]
 Burnette-Egan, Polly [54]
 Burns, Gregory [114]
 Burns, Jonathan [165]
 Burrillo, Ralph [276]
 Burtenshaw, Julia [379]
 Burtenshaw, Paul [188]
 Burton, James E. [413]
 Burton, Margie [310], [342]
 Burtt, Amanda [361]
 Bush, Dominic [165]
 Bush, Jessica [230]
 Bush, Leslie [256]
 Bush, Mark [186]
 Bushozi, Pastory [174]
 Bustamante, Carlos [116]
 Bustard, Wendy [354]
 Butcher, Cheyenne [166]
 Butler, Virginia [168]
 Butler, Virginia [168]
 Buvit, Ian [8], [53], [319]
 Buynevich, Ilya [387]
 Buzon, Michele [205]
 Byambaa, Gunchinsuren [53]
 Byerly, Heather [403]
 Byerly, Ryan [53]
 Byers, David [35], [164], [202]
 Byers, Donald [313]
 Byers, Patricia [272]
 Byrd, Brian [64], [82], [293]
 Byrd, Rachael [55], [273]
 Byrne-Bowles, Rhiannon [310]
 Byrnes, Allison [331]
 Cabadas, Héctor [231]
 Cabadas, Héctor Victor [231]
 Caballero, Margarita [129]
 Cabana, Graciela [204]
 Cabanes, Dan [53]
 Cabello, Erika [134]
 Cadeddu, Francesca [417]
 Cadena, Bibiana [393]
 Cagnato, Clarissa [338]
 Cai, Linhai [345]
 Cai, Yan [52]
 Cail, Hannah [312]
 Cain, Tiffany [218]
 Caine, Alyson [380]
 Cajigas, Rachel [155]
 Calaon, Diego [116]
 Calás, Elisa [318]
 Calhoun, Sis [66]
 Calla, Sergio [247]
 Callaghan, Michael [22]
 Callow, Christopher [18]
 Cambra, Rosemary [293]
 Cameron, Asa [403]
 Cameron, Catherine [182], [354]
 Camp, Anna [87]
 Camp, Stacey [305]
 Campan, Patricia [251]
 Campbell, Dave [131]
 Campbell, John [110]
 Campbell, Rachel [394]
 Campbell, Sarah [168]
 Campbell, Stuart [412]
 Campbell, Timothy [124]
 Campbell, Wade [103]
 Campeau, Kathryn [91]
 Campetti, Casey [269]
 Campiani, Arianna [86]
 Canaday, Timothy [6]
 Canan, Adelso [366]
 Cannon, Aubrey [112]
 Cannon, Kenneth [6], [361]
 Cannon, Mike [135]
 Cannon, Molly Boeka [10]
 Cannon, Molly [361]
 Canter, Ronald [86]
 Cantley, Garry [225]
 Canuto, Marcello [244], [306]
 Cap, Bernadette [399]
 Capriata, Camila [46], [247]
 Capriata Estrada, Camila [232]
 Capriles, Jose [414]
 Carabias, Diego [243]
 Caramanica, Ari [404]
 Carbajal, Laura [363]
 Carballo, David M [249]
 Carballo, Flavia [185]
 Carballo Marina, Flavia [251]
 Card, Jeb [124], [393]
 Cárdenas, Macarena L. [157]
 Cardinal, J. Scott [4]
 Cardona, Augusto [184]
 Cardoso, Hugo F.V. [204]
 Carey, Chris [47]
 Carey, Heather [353]
 Carini, Claudio [11], [327]
 Carleton, Chris [48]
 Carleton, William [131]
 Carlson, David [381]
 Carlson, Eric [312]
 Carlson, Jenna [165]
 Carlson, Justin [35]
 Carlson, Justin N. [144]
 Carlson, Kristen [148], [300]
 Carlson, Michael [275]
 Carlson, Risa [320]
 Carlucci, Eric [102]
 Carneiro, Gabriela [326]
 Caro, Jorge [48], [73], [176]
 Caron-Laviolette, Elisa [181]
 Carpenter, John [257]
 Carpenter, John Philip [189]
 Carr, Erin [8]
 Carr, Thomas [369]
 Carrasco, Michael [259]
 Carrier, Sam [3]
 Carrion, Yolanda [155]
 Carrizosa, Fernando [298]
 Carroll, Jon [4]
 Carroll, Mary [83]
 Carroll, William [128]
 Carson, John [226]
 Carson, Mike [199]
 Cartajena, Isabel [243]

- Carter, Alison [286], [349]
 Carter, Benjamin [99]
 Carter, Tristan [91], [215], [260], [401], [412]
 Carvalho, Milena [118]
 Casana, Jesse [409]
 Casanova Vasquez, Erick [252]
 Cascalheira, Joao [53], [389]
 Casebolt, Dave [416]
 Caseldine, Christopher [277]
 Casias, Kellii [311]
 Castaneda, Amanda [342]
 Castaneda, Francisco [306]
 Castex, Dominique [207]
 Castillejos González, Giovanni [231]
 Castillo, Cristina [286]
 Castillo, Luis Jaime [250], [411]
 Castillo, Nina [134]
 Castillo Butters, Luis [409]
 Castillo Butters, Luis Jaime [60]
 Castro, Kevin [312]
 Catacora, Andrea [138], [362]
 Catella, Luciana [185]
 Cattaneo, Roxana [35]
 Cattin, Marie-Isabelle [181]
 Catto, Lisa [168]
 Caulk, Grady [243]
 Caval, Saša [116]
 Cavallaro, Marc [106]
 Caverio, Yuri [292]
 Cawthra, Hayley [294], [356]
 Cecil, Leslie [248]
 Cerezo-Román, Jessica [202]
 Cervantes Perez, Jose [410]
 Cesaretti, Rudolf [167]
 Chaity, Iffath [396]
 Challis, Sam [149]
 Chamblee, John [26]
 Chan, Benjamin [211]
 Chan, Evelyn [219]
 Chandler, Susan [43], [236]
 Chaney, Philip [103]
 Chang, Aaron [205]
 Chang, Nigel [407]
 Chapman, Bruce [199]
 Chapman, Jessica [121]
 Chapman, Sarah [409]
 Chapoulie, Remy [411]
 Chappell, Duncan [279]
 Charleaux, Michel [77]
 Charles, Brianne [301]
 Charles, Douglas [372]
 Charles, Frances [168]
 Charlton, Michael [89]
 Charno, Michael [235]
 Chase, Adrian [183]
 Chase, Arlen [108], [183], [295], [344]
 Chase, Diane [108], [183], [295], [344]
 Chase, Zachary [81]
 Chase-Dunn, Christopher [291]
 Chaterji, Katia [385]
 Chatters, James [121], [370]
 Chatters, James C. [370]
 Chavez, Roberto [370]
 Chávez Balderas, Ximena [158], [298]
 Chávez V., José Juan [317]
 Chazan, Michael [190]
 Chazin, Hannah [258]
 Chechushkov, Igor [131]
 Chen, Fahu [37], [345]
 Chen, Hong [179]
 Chen, Maa-Ling [49]
 Chen, Peiyu [113]
 Chen, Pochan [49]
 Cheng, Zhijie [179]
 Chenoweth, John [258]
 Cheong, Kong [48]
 Cherkinski, Alex [121]
 Chesson, Meredith [315]
 Chevalier, Alexandre [309]
 Chhay, Rachna [349]
 Chi, Julio [370]
 Chi Kei, Lo [349]
 Chiang, Chihhua [49]
 Chiarulli, Beverly [185]
 Chicoine, David [237]
 Childress, William [333]
 Childs, Amanda [95]
 Childs, Terry [160], [223]
 Chilton, Elizabeth [281], [405]
 Chinchilla, Oswaldo [39], [242]
 Chinique de Armas, Yadira [313]
 Chiotti, Laurent [181], [190]
 Chiou, Katherine [117], [347]
 Chiou-Peng, TzeHuey [234], [349]
 Chiriboga, Carlos [413]
 Chiu, Scarlett [77]
 Chiykowski, Tanya [391]
 Chmilar, Jennifer [38], [295]
 Choi, Jeong-Heon [174]
 Choi, Seonho [80]
 Christakos, Elena [232]
 Christensen, Kim [327]
 Christianson, Ashley [265]
 Christie, Heather [101]
 Christie, Jessica [46]
 Chu, Alejandro [134]
 Chu, SeiMi [396]
 Chuipka, Jason [229]
 Chunag, Amartuvshin [234]
 Church, Michael [228]
 Church, Robert [4]
 Church, Warren [78]
 Chykerda, C. Myles [368]
 Cinquino, Michael [352]
 Cioffi-Revilla, Claudio [377]
 Ciravolo, Amber [294]
 Cirillo, Laura [132]
 Civitello, Jamie [93]
 Claesson, Stefan [192]
 Clardy, Kelsey [66]
 Clare, Lee [16]
 Clark, Amy [289]
 Clark, Amy E. [181]
 Clark, Andrew [230]
 Clark, Barbara [188]
 Clark, Bonnie [34]
 Clark, Bonnie J. [237]
 Clark, Brian [47]
 Clark, Dylan [273], [307]
 Clark, Jamie [7]
 Clark, Jeffery [262], [278]
 Clark, Jeffrey [233], [260]
 Clark, John [82], [151]
 Clark, Meagan [164], [233]
 Clark, Natalie [260]
 Clark, Tiffany [25], [69]
 Clarke, Mary [193]
 Clarkson, Chris [33], [121]
 Clauter, Jody [201]
 Clayton Martinez, Lucia [137]
 Cleghorn, Naomi [356]
 Clifton, Breanne [309]
 Cline, Emily [132]
 Clinnick, David [396]
 Close, Hilary [191]
 Cobb, Allan [355]
 Coben, Lawrence [134], [188]
 Cobos, Rafael [130], [413]
 Cochran, Lindsey [284]
 Cochran, Ethan [52], [77], [191]
 Cockram, James [345]
 Cockrell, Bryan [117]
 Coddling, Brian [1], [119], [296], [362]

- Codding, Brian F. [296], [362]
 Coffey, Grant [85]
 Cohen, Anna [253]
 Cohen, Anna S. [21]
 Cohen, Rachel [7]
 Colaninno, Carol [152]
 Cole, James [174]
 Cole, Kasey [373]
 Cole, Matthew [52]
 Cole, Sara [101]
 Coleman, Drew [380]
 Colin, Bradley [192]
 Collard, Mark [57], [131], [191], [296]
 Colledge, Sue [288]
 Collins, Benjamin [35]
 Collins, Joe [6], [35]
 Collins, Lori [83]
 Collins, Matthew [332], [356]
 Collins, Ryan [263]
 Collins, Shawn [188], [370]
 Colman, Arlene [242]
 Colucho, Connie "Destiny" [310]
 Colombo, Leah [192]
 Colón, Justin [246]
 Coltman, Jeremy [355]
 Coltrain, Joan [85], [202], [276]
 Colvin, Alex [103]
 Colvin, Matthew [177]
 Colwell, Chip [116], [160]
 Comer, Douglas [199], [218]
 Commendador, Amy [233]
 Compton, John [294]
 Compton, Mary [42], [95]
 Comptour, Marion [350]
 Conard, Nicholas [135], [190]
 Conger, Megan [273], [382]
 Conkey, Margaret [297], [353], [395]
 Conlee, Christina [31]
 Conley, Hillary [3]
 Conlin, Dave [29]
 Conlogue, Gerald [299]
 Connaughton, Sean P. [336]
 Connell, Samuel [411]
 Conner, Clare [275]
 Conner, Michael [365]
 Connolly, Robert [223]
 Connor, Simon [40]
 Conolly, James [48], [316], [337]
 Conrad, Cyler [163], [407]
 Constan, Connie [90], [239]
 Contreras, Daniel [186], [215], [260], [287]
 Contreras Barragán, Blanca Eréndira [257]
 Contreras Hernández, Mashelli A. [376]
 Contreras-Barragán, Blanca E. [257]
 Conway, Meagan [315]
 Coochyouma, Brett [225]
 Coogan, Alan [187]
 Cook, Della [410]
 Cook, Duncan [176], [350]
 Cook, Jessica [192]
 Cook, Lauren [92]
 Cook, Robert A. [331]
 Cooke, Richard [170], [186]
 Cool, Autumn [230], [409]
 Coolidge, Frederick [33]
 Cooney, Gabriel [30], [199]
 Coons, Aaron [394]
 Cooper, Jago [288], [351]
 Cooper, Martin [182]
 Copeland, Sandi [276], [294]
 Copeland, Toni J. [220]
 Corbett, Debbie [166]
 Corbett, Debra [7], [119], [336]
 Corcione, Maria [107]
 Corcoran-Tadd, Noa [108]
 Cordell, Ann [79], [166]
 Cordero, Maria-Auxiliadora [367]
 Cordova, Guillermo [231]
 Cordova Tello, Guillermo [217]
 Córdova Tello, Mario [249]
 Corl, Kristen [273]
 Corl, Kristin [110], [273]
 Cormier, Aviva [206]
 Cornwell, Kelsey [120]
 Coronado, Anabella [261]
 Corona-M., Eduardo [141]
 Corpuz, Monica [27]
 Corrales-Ulloa, Francisco [170]
 Corteletti, Rafael [157]
 Cortes-Rincon, Marisol [248], [266], [316]
 Cossin, Zev [394]
 Costa, Benilde [9]
 Coster, Adelle [186]
 Costin, Cathy [398]
 Costion, Kirk [347]
 Costosa, Jen-I [290]
 Côté-Landry, Maude [121]
 Coudart, Anick [82]
 Couey, Lauren [315]
 Couplin, Shawna [391]
 Coutu, Ashley [391]
 Covert, Alexandra [278]
 Covey, R. Alan [398]
 Coward, Fiona [210]
 Cowie, Sarah [90]
 Cowling, Richard [294]
 Cox, Alexandra [310]
 Cox, Eric [97]
 Cox, Jeffrey [284]
 Cox, Jim [223]
 Crabtree, Pam [28]
 Crabtree, Stefani [84], [348]
 Craft, Sarah [398]
 Craig, Douglas [123], [304]
 Craig, Lorena [312]
 Craig, Oliver [17]
 Cramb, Justin [77]
 Crandall, James [78]
 Crandall, John [202]
 Cranford, David [311]
 Crass, Barbara [360]
 Crater Gershtein, Eli [342]
 Crawford, Gary [345], [414]
 Crawford, George [150]
 Crawford, Laura [333]
 Creager, Brooke [332]
 Crebbin, Kyle [12]
 Greger, Cliff [6]
 Crema, Enrico [73], [84], [191], [288]
 Cressler, Alan [353]
 Crèvecoeur, Isabelle [190]
 Crisp, Molly [356]
 Critchley, Zachary [232]
 Crites, Gary [373]
 Crock, John [43], [287]
 Croft, Shannon [17]
 Cromartie, Amy [12]
 Crombé, Philippe [40]
 Cronin, Joseph [252]
 Cross, John [281]
 Cross, Michelle [416]
 Crothers, George [35], [144]
 Croucher, Karina [299]
 Crowell, Aron [374]
 Crown, Patricia [276], [287]
 Crowther, Alison [105]
 Crowther, Benjamin [59]
 Crumbley, Norma [361]
 Crumley, Carole [290], [340], [400]
 Cruz, José Alberto [141]
 Cruz Alvarado, Wilberth [344]
 Cruzado C., Elizabeth K. [252]
 Cruzado Carranza, Elizabeth [95]

- Cruzado Carranza,
 Elizabeth Katherine [250],
 [252]
 Cubley, Joel [155]
 Cucchi, Thomas [28]
 Cucina, Andrea [370],
 [410], [413]
 Cuenca-Solana, David
 [185]
 Cuevas, Mauricio [144]
 Cui, Jianfeng [102], [349]
 Cui, Qi-Long [179]
 Cullen, Sara [95], [260]
 Culley, Elisabeth [377]
 Cunnar, Geoffrey [179]
 Cunningham, Jerimy [153],
 [245]
 Cunningham-Bryant, Alicia
 [240]
 Cunningham-Smith, Petra
 [248]
 Curbelo-Canabal, Francez
 [313]
 Curet, L. [387]
 Curran, Robert [362]
 Curry, Ben [90]
 Curtis, Caitlin [218]
 Curtis, Jason [130]
 Curtis, Matthew [174]
 Cuthrell, Rob [41], [268]
 Cutrone, Daniel [355]
 Cutts, Russell [174]
 Cyr, Howard [120], [173]
 Czaplicki, Jon [90], [123]
 Czerniak, Lech [211]
 Daehnke, Jon [146]
 Daggett, Adrienne [140]
 Dahlstedt, Allisen [203]
 Dai, Xiangming [283]
 Dal Martello, Rita [37]
 Dalan, Rinita [220], [284]
 Dale, Emily [128]
 DAloim Guedes, Jade
 [283]
 Dalpra, Cody [309]
 Dalton, Jordan [54]
 Dalton-Carriger, Jessica
 [140]
 Daly, Niamh [332]
 Damick, Alison [342]
 Damitio, William [168]
 Damour, Melanie [4]
 Damour-Horrell, Melanie
 [170]
 Daniel, Salazar [242]
 Daniels, Brian [254]
 Daniels, James [184]
 Daniels, Jimmy [246]
 Daniels, Megan [20]
 Danis, Ann [117], [330]
 Daradich, Amy [313]
 Darby, Connie [304]
 Darby, Melissa [153]
 Darling, J Andrew [225]
 Darling, J. Andrew [409]
 Darwent, Christyann [28],
 [166], [302]
 Darwent, John [166], [302]
 Daryl, Fedje [192]
 Daughtrey, Cannon [92]
 Davenport, Bryce [199]
 David, Robert [30]
 Davies, Benjamin [84]
 Davis, AnnaLisa [309]
 Davis, Christopher [353]
 Davis, David [92]
 Davis, Jacob [118]
 Davis, Kaitlyn [95], [229]
 Davis, Mary [292]
 Davis, Richard [112]
 Davis, Stephen [47]
 Dawson, Peter [42]
 Day, Peter [25], [79], [411]
 Day, Peter M. [79]
 Day, Stephanie [260]
 Day, Zachary [361]
 De Anda Rogel, Michelle
 [298]
 De Anda Rogel, Michelle
 Marlene [298]
 de Angelis, Hernán [251]
 De Boer, Deanna [407]
 De Carteret, Alyce [22]
 de Gregory, Rocco [173]
 de la Torre, Ignacio [33]
 De La Torre Vázquez,
 Jesús [156]
 De Leon, Jason [146],
 [258]
 De Leon, Sandy [238]
 De León, Jason [93]
 De Loera, Alexia [273]
 De Loney, Marguerite
 [117]
 de Miranda Chaves,
 Sérgio [415]
 de Smet, Timothy S. [310]
 De Smet, Timothy [8]
 de Vynck, Jan [294]
 De Vynck, Jan [294]
 Deagan-Harris, Kathleen
 [178]
 Deal, Michael [268]
 Dean, Emily [393]
 Dean, Jeffrey [110], [354]
 Dean, Randall [416]
 Dean, Rebecca [276]
 Deane-Drummond, Celia
 [53]
 DeAngelis, Joseph [166]
 DeAntoni, GeorgeAnn
 [268]
 Deats, Jennifer [230]
 DeBlasis, Paulo [157]
 DeCleva, Edward [336]
 Dedrick, Maia [188]
 Deffebach, Nancy [303]
 deFrance, Susan [250],
 [328]
 Dega, Michael [407]
 DeGayner, Jacob [358]
 DeGeorgey, Alex [293]
 Del Cid Castillo, David
 Ricardo [193]
 Del Giudice, Caroline [314]
 Del Solar, Nino [411]
 Delacorte, Michael [341]
 DeLance, Lisa [133]
 Delaney, Colleen [391]
 Delgado, Florencio [119]
 Delgado, James [416]
 Delgado Ku, Pedro [344]
 Dell'Anna, Rossana [185]
 Dellopoulos, Emma [122]
 DeLong, Richard [90]
 Demakopoulo, Katie [79]
 Demarchi, Beatrice [356]
 Demarest, Arthur [338],
 [413]
 DeMarrais, Elizabeth [307]
 Demel, Scott [280]
 Demoule, Jean-Paul [13],
 [82], [218]
 Dempsey, Erin [29]
 DeMuth, R. Carl [125]
 Deng, Lingling [67]
 Denham, Tim [414]
 Dennehy, Timothy [153]
 Dennett, Carrie [170]
 Dennis, L. Meghan [267]
 Dennison, Rory [391]
 Denoyer, Allen [278]
 Dent, Joshua [13]
 Denton, Anne [260]
 Dering, Phil [256]
 Dervanian, Anaïs [24]
 Des Lauriers, Matthew [32]
 DeSantis, Larisa [202]
 Desrosiers, Pierre [360]
 Desrosiers, Ryan [168]
 Dettman, David [55], [380]
 Devos, Yannick [309]
 Dewar, Genevieve [174]
 DeWitte, Sharon [207]
 Dexter Kennedy, Jaime
 [415]
 Di Giuseppantonio Di
 Franco, Paola [188]
 Diaz, Amélie [401]
 Diaz, Diana [11]
 Diaz Rocha, Ana María
 [12]
 Diaz Vazquez, Juan
 Carlos [111]
 Diaz-Diaz, Miguel [290]
 Dibble, Harold [190]

- Dibble, Loretta [174]
 DiBenedetto, Katelyn [7], [138]
 Dick, Kristina [168]
 Dickau, Ruth [186], [226], [271]
 Dickinson, William [77]
 Dickson, D. Bruce [214]
 Diederichs, Shanna [85]
 Diehl, Michael [55]
 Dietler, John [175]
 Dietrich, Oliver [16]
 Diggs, David [300]
 Dillehay, Tom [78], [186], [227]
 Dillian, Carolyn [336], [412]
 DiNapoli, Robert [233]
 Ding, Julie [132]
 Dison, Braden [7]
 Ditchfield, Peter [49]
 Ditto, Emily [22]
 Dixon, Christine [75], [270]
 Dixon, E. James [192]
 Dixon, Kelly [311]
 Doat, David [299]
 Dobereiner, Jeffrey [86], [244]
 Dobney, Keith [28]
 Docchio, Rebecca [53]
 Dockrill, Stephen [351]
 Dodd, Justin [333]
 Dodd, Walter [153]
 Dodge, Robyn [248]
 Doelle, William [262], [278]
 Doering, Briana [163]
 Doering, Travis [83]
 Doerner, James [300]
 Dogandzic, Tamara [389]
 Dogandžić, Tamara [53]
 Doherty, Raymond [311]
 Dolan, Patrick [80]
 Dolan, Sean [91]
 Dombrosky, Jonathan [121], [122], [166]
 Domeischel, Jenna [229]
 Donahue, Randolph [17]
 Dong, Guanghui [37]
 Dong, Weimiao [37]
 Dongsoske, Kurt [197], [284]
 Donner, Natalia [246]
 Donohue, James [230]
 Donohue, Patrick [121]
 Donop, Mark [12]
 Donta, Christopher [281]
 Doolittle, William [257]
 Doonan, Roger [345]
 Dorland, Steven [114]
 Dorshow, Wetherbee [287]
 Dos Santos, Isabel [415]
 Doucette, Dianna [281]
 Dougherty, Sean [205]
 Douglas, Matthew [94]
 Douglass, John [175]
 Douglass, Kristina [339]
 Douglass, Matthew [361]
 Dover, Thomas [377]
 Dowdall, Katherine [383], [392]
 Downes, Jane [351]
 Downey, Jordan [404]
 Downs, Mary [68]
 Doyel, David [229]
 Doyle, James [244]
 Doyle, Sean [215], [260]
 Doyle, Shane [236]
 Drake, Jonathan [254]
 Drake, Lee [3]
 Drane, Leslie [173], [359]
 Drane, Leslie E. [188]
 Drelich, Jaroslaw [126]
 Drennan, Robert [36], [82]
 Drew, Brooke [301]
 Drine, Ali [51]
 Driscoll, Killian [185]
 Driver, Jonathan [85]
 Drollinger, Harold [311]
 Druc, Isabelle [79], [411]
 Dubois, Jonathan [149]
 Dubouloz, Jérôme [211]
 Dubreuil, Laure [342]
 Ducette, Dianna L. [281]
 Dudgeon, John [52], [233]
 Dueppen, Stephen [23]
 Dufeu, Val [155]
 Duff, Andrew [22], [274], [287]
 Duffy, Chris [32]
 Duffy, Lisa [248]
 Duffy, Paul R. [47]
 Dufton, J. Andrew [385]
 Dugmore, Andrew [288], [351]
 Duke, Daron [87]
 Duke, Guy [347]
 Duke, Hilary [53]
 Duke, Riley [278]
 Dull, Bryan [331]
 Dumas, Ashley [109]
 Dumitru, Ioana A. [287]
 Duncan, Lindsay [350]
 Duncan, Neil [226], [271]
 Duncan, William [158]
 Dungan, Katherine [262]
 Dunham, Sean [280]
 Dunning, Nicholas [295], [350]
 Dupej, Jan [207]
 Dupras, Tosha [205], [207], [240]
 Duranleau, Deena [281]
 Durante, Mark [9], [192]
 Durécu, Mélisse [350]
 Duru, Gunes [16]
 Dussubieux, Laure [101], [140], [194]
 Duwe, Samuel [342], [409]
 Dye, Thomas [221]
 Dyrdaahl, Eric [367]
 Eakin, Daniel [29]
 Earle, David [143]
 Earley, Caitlin [266]
 Early, Ann [188], [223]
 Easton, Norman [112], [155], [192]
 Ebbert, Steven [339]
 Eberl, Markus [158]
 Ebert, Claire [244], [248]
 Ebert, Claire E. [91]
 Echavarri, Mikhail [238]
 Echenique, Ester [252]
 Echeverria, Jose [367]
 Eckerle, William [361]
 Eckert, Suzanne [25], [34], [124], [272]
 Eddins, Amy [121], [122]
 Edgar, Heather [346]
 Edgar, Heather JH [217]
 Edinborough, Kevan [80], [89]
 Edmonds, Jason [341]
 Edwald, Agüsta [288]
 Edwards, Briece [195]
 Edwards, Matt [31]
 Edwards, Steven [47]
 Edwards, Susan [311]
 Eeckhout, Peter [227]
 Eerkens, Jelmer [114], [293], [342], [415]
 Egan, Rachel [75], [95], [153]
 Egan-Bruhy, Kathryn [280]
 Egeland, Charles [53]
 Ehrich, Richard [349]
 Eichner, Katrina [15]
 Eimers, Molly [312]
 Einarsson, Arni [288]
 Eiring, Melissa [276]
 Eiselt, B. Sunday [361], [409]
 Ek, Jerald [244]
 Ekshtain, Ravid [64]
 Elder, James [7]
 Eldridge, Kelly [302]
 Eleazer, Courtney [207]
 Elera, Carlos [187]
 Elera Alvarado, Carlos [371]
 Eli, Mark [399]
 Elia, Ricardo [418]
 Elia, Ricardo J. [93]
 Elizalde Mendez, Israel [298]
 Ellenberger, Katharine [336]

- Elliott, Evan [383]
 Elliott, Michael [81]
 Elliott, Michelle [21]
 Elliott, Sarah [210]
 Ellis, David [330]
 Ellis, Peter [275]
 Ellison, Leigh Anne [123]
 Ellyson, Laura [85]
 Elquist, Ora [281]
 Elston, Robert [296]
 Ely, Kristy [357]
 Ely, Nancy [236]
 Emerson, Patricia [30]
 Emerson, Thomas [348]
 Emery, Kitty [244]
 Endo, Naoko [312]
 Eng, Jacqueline [205]
 Engel, Damita [230]
 Englehardt, Joshua [259]
 English, Nathan [110]
 Enloe, James [35], [53]
 Enote, Jim [160]
 Eppich, Keith [255], [375]
 Epstein, Emily [301]
 Epstein, Ethan [113]
 Epstein, Stephen [236]
 Erb-Satullo, Nathaniel [241]
 Ere, Cevdet Merih [8]
 Erel, Yigal [321]
 Eremin, Katherine [37]
 Eren, Metin [35]
 Ericksen, Connie [393]
 Erickson, Clark [180]
 Erickson, Katrina [364]
 Ericson, Jessica [90]
 Erlandson, Jon [32]
 Ermenwein, Eileen [7], [8]
 Erny, Grace [85], [409]
 Ertsen, Maurits [84]
 Ervin, Kelly [103]
 Eschbach, Krista [76]
 Escobar, Luisa [76]
 Esdale, Julie [90], [112]
 Esler, Karen [294]
 Esparza Lopez, Rodrigo [21]
 Espenshade, Christopher [188]
 Espinosa, Ma Alejandra [24]
 Esteban, Irene [294]
 Estes, Byron [343]
 Esteve, Maria [123]
 Estrada-Belli, Francisco [306], [350]
 Etnier, Michael [168]
 Eubanks, Paul [109]
 Eusebio, Michelle [349]
 Evans, Adrian [17]
 Evans, Amanda [192]
 Evans, Caitlin [286]
 Evans, Damian [286]
 Evans, Jane [154]
 Evans, Sally [293]
 Evans, Susan [182]
 Everett, Mark [310]
 Evin, Allowen [28]
 Ewen, Charles [81], [329]
 Ewing, Diana [114]
 Ewonus, Paul [154]
 Fábrega-Álvarez, Pastor [180]
 Fábregas Valcarce, Ramón [137]
 Fadem, Cynthia [53], [272]
 Fagan, Brian [222], [334]
 Fairbairn, Andrew [16]
 Faith, Tyler [77], [294]
 Faizul, Hazwan [358]
 Falk, Carl [230]
 Falvey, Lauren W. [311]
 Fanjul Peraza, Alfonso [394]
 Fankhauser, Amber [392]
 Farah, Kirby [253]
 Farahani, Alan [162]
 Farella, Joshua [239]
 Fargher, Lane [25], [79]
 Fargher, Lane F. [237], [249]
 Fargo, David [37]
 Farley, Greg [408]
 Farmer, James [187]
 Farnsworth, Katherine [192]
 Farnsworth, Paul [394]
 Farquhar, Jennifer [418]
 Farrell, Michael [302], [337]
 Farris, Glenn [175]
 Fash, Barbara [366]
 Fash, William [366]
 Fash, William L. [366]
 Faugere, Brigitte [88]
 Faught, Michael [192], [243]
 Faught, Natalie [93]
 Faulkner, Patrick [105]
 Faull, Kym [121], [366]
 Faulseit, Ronald [216]
 Fauvelle, Mikael [32]
 Fayek, Mostafa [185]
 Fazzzone, Charles [391]
 Feathers, James [121]
 Feathers, Valerie [243]
 Fecher, Franziska [100]
 Fedick, Scott [295]
 Fedje, Daryl [192]
 Fedorov, Sergey [28]
 Feeley, Frank [351]
 Fehrenbach, Shawn [123], [209]
 Fehren-Schmitz, Lars [2]
 Feibel, Craig [174]
 Feinman, Gary [216]
 Felch, Jason [279]
 Felling, Danielle [150]
 Fenclová, Petra [207]
 Feng, Yuexing [77]
 Fenn, Thomas [101]
 Fenoglio, Fiorella [231]
 Ferguson, Jeffery [278]
 Ferguson, Jeffrey [6], [274], [361], [412]
 Ferguson, Jeffery [53]
 Ferguson, T. J. [239]
 Ferguson, Tim [415]
 Feria Cuevas, Alfredo [156]
 Fernandez, Andrew [273]
 Fernandez, Lilia [130]
 Fernandez Goetz, Manuel [285]
 Fernandez Souza, Lilia [24]
 Fernández Souza, Lilia [24]
 Fernandez-Gotz, Manuel [177]
 Fernandez-Lopez De Pablo, Javier [74]
 Fermandini, Francesca [134]
 Fernstrom, Katharine [267]
 Ferrari, Giada [264]
 Ferring, Reid [190]
 Ferris, Neal [13], [42]
 Fertelmes, Craig [225]
 Fetterman, Jerry [369]
 Fie, Shannon [99]
 Fiedel, Stuart [87]
 Fiehring, Benno [217]
 Field, Judith [186], [271], [296]
 Field, Julie [52]
 Field, Rob [192]
 Field Murray, Wendy [230]
 Figol, Timothy [4]
 Figueroa, Antonia [66]
 Figueroa, Valentina [2]
 Figueroa Flores, Alejandra [31]
 Figueroa Larre, Valentina [152]
 Figueroa Morales, Salvador [298]
 Filimoeala, Christopher [233], [391]
 Filimoeala, Darby [233]
 Filin, Sagi [342]
 Filini, Agapi [129]
 Filios, Melanie [28]
 Filloy, Laura [194]
 Fincham, Derek [279]
 Finkelstein, Aviva [9]

- Finlayson, Bill [210]
 Finley, Judson [6], [35], [362]
 Finney, Bruce [233]
 Fino, Nazih [416]
 Fischer, Alysia [101]
 Fischer, Anders [17]
 Fischer, Lisa [5]
 Fisher, Abigail [397]
 Fisher, Chelsea [249]
 Fisher, Christopher [21]
 Fisher, Christopher T. [21]
 Fisher, Conrad [95], [336]
 Fisher, Eric [294]
 Fisher, Erich [294], [356]
 Fisher, Jacob [127]
 Fisher, Jacob L. [341]
 Fisher, Lynn [93], [223]
 Fisher, Philip [84]
 Fisher, Victor [385]
 Fisher, Jr., John W. [300]
 Fishman, Susannah [214]
 Fitts, Mary Elizabeth [311]
 Fitzgerald, Curran [53]
 Fitzgerald, Richard [392]
 Fitzgerald-Huber, Louisa [37], [102]
 Fitzpatrick, Scott [32], [52], [77], [79], [105], [164], [233], [238], [328]
 Fitzpatrick, Tony [204]
 Fitzsimmons, James [244]
 Flad, Rowan [37]
 Fladd, Samantha [22], [273], [343]
 Flanigan, Tom [6]
 Flensburg, Gustavo [203]
 Fletcher, Christopher [230]
 Fletcher, Roland [36], [286]
 Flexner, James [255], [388]
 Flood, Roger [284]
 flores, carola [2]
 Flores, Carola [152]
 Flores, Valentina [243]
 Flores Ramirez, Rosa [21]
 Flores-Fernandez, Carola [152]
 Florey Folan, Lynda [213]
 Flor-Stagnato, Kate [207]
 Flynn, Erin [281]
 Foarde, Chip [193]
 Fogelin, Lars [20]
 Foias, Antonia [244]
 Foin, Jeremy [302]
 Folan, William [213]
 Follensbee, Billie [187]
 Foor, Thomas [312]
 Foor, Thomas A. [312]
 Forbes, Veronique [337]
 Forbes, Véronique [337]
 Forbis, Adam [316]
 Ford, Anabel [38]
 Ford, Ben [192]
 Ford, Dabney [354]
 Ford, Renee [401]
 Forde, Jamie [253]
 Forman, Steven [80]
 Forne, Melanie [413]
 Forney, Meghan [98], [300]
 Forney, Meghan J. [300]
 Forringer-Beal, Anna [93]
 Forstz, Kathleen [268], [291]
 Forsyth, Donald [408]
 Fort, Joaquim [73]
 Forte, Maurizio [42], [100], [401]
 Fortin, Louis [250]
 Forton, Maxwell [278]
 Foster, David [281]
 Foster, John [27]
 Foster, Il, H. Thomas [327]
 Foster, Jr., Robert [316]
 Fournier, Patricia [76], [81]
 Fowler, William [393]
 Fowles, Severin [342], [400]
 Fox, Georgia [15]
 Fox, Georgia L. [176]
 Fox, Jacqueline [96]
 Fox, Keri [260]
 Frachetti, Michael [146], [155], [234]
 Frahm, Ellery [412]
 France, Christine [403]
 Frances, Guillem [73]
 Franchetti, Fernando [252]
 Francis, Joyce [197]
 Franco, Cristina [290]
 Franco, Nora [215]
 Franklin, Janet [294]
 Franklin, Jay [8], [333]
 Franklin, Kathryn [258]
 Franzén, Aadel [154]
 Frasca, Corey [275]
 Frazier, Mechell [188]
 Frederick, Charles [256]
 Frederick, Kathryn [139]
 Fredericks, Brian [110]
 Freeburg, Adam [302]
 Freeman, Jacob [167]
 Freeman, Jeremy [353]
 Freeman, Jeremy B. [149]
 Freers, Steve [352]
 Freestone, Ian [89], [102], [411]
 Fregel, Rosa [116]
 Friedel, David [306], [344], [413]
 Freire, Shannon [301]
 Freiwald, Carolyn [219]
 French, Charles [31]
 French, Jennifer [40]
 French, Kirk [248], [266]
 French, Norma [317]
 Freund, Kyle [412]
 Friberg, Christina [173]
 Frie, Adrienne [301]
 Friedel, Rebecca [184]
 Friedman, Alyssa [409]
 Friedman, Erin [56]
 Frink, Liam [415]
 Frison, George [138], [166]
 Fritz, Gayle [345]
 Froese, Tom [317]
 Frohlich, Bruno [403]
 Frost, R. Jeffrey [393]
 Fruhlinger, Jake [70]
 Fry, Robert [295]
 Fu, Janling [214]
 Fu, Qiaomei [264]
 Fucillo, Jenny [311]
 Fuentes, Agustín [146]
 Fuentes, Agustín [53]
 Fukuhara, Hironori [317]
 Fulkerson, Tiffany [92]
 Fuller, Dorian [174], [186], [414]
 Fulton, Kara [248]
 Fulton, Marsha [95]
 Funk, Caroline [7], [119], [166]
 Furlong Minkoff, Mary [83]
 Gabe, Caroline [300], [307]
 Gadison, Davette [203]
 Gadsby, David [83]
 Gaggio, Giacomo [347]
 Gagnon, Celeste [404]
 Galeazzi, Fabrizio [221]
 Galindo Cumplido, Selene [231]
 Gallaga, Emiliano [156]
 Gallagher, Daphne [23]
 Gallardo, Francisco [203]
 Gallardo, Maria De Lourdes [346]
 Gallareta Cervera, Tomás [263]
 Gallareta Negrón, Tomás [113], [399]
 Gallegos Gomora, Miriam [24]
 Galm, Jerry [92]
 Gamble, Lynn [1], [32]
 Gandy, Devlin [352]
 Gangloff, Deborah [72]
 Ganio, Monica [101]
 Gann, Douglas [5], [235]
 Gao, Xing [179]
 Gárate, David [144]
 Garay, Jose [290]
 Garcia, Alice [273]

- Garcia, Jorge [107]
 Garcia, Karina [366]
 Garcia, Michelle [11]
 Garcia, Patricia [195]
 Garcia, Sara [231]
 García, Carlos [156]
 García, Josué R. García [408]
 García, Magdalena [318]
 García Gómez, Víctor Hugo [141]
 García González, Miguel [298]
 García Puchol, Oretó [155]
 Garcia Sanchez, Magdalena [129]
 Garcia-Cosme, Elimarie [11]
 Garcia-Des Lauriers, Claudia [338]
 Garcia-Moreno, Alejandro [396]
 Garcia-Moreno, Cristina [189]
 Garcia-Moreno, Cristina [257]
 Gardner, A. Dudley [386]
 Gardner, Chelsea [121]
 Gardner, Karen [293]
 Garfin, Timothy [133], [151]
 Garfinkel, Yosef [91]
 Garfinkel Gold, Alan [352]
 Garlinghouse, Thomas [310]
 Garner, Nancy [327]
 Garraty, Christopher [304]
 Garrett, Timothy [248]
 Garrett, Zenobie [289]
 Garrido, Francisco [46]
 Garrison, Andrew [310]
 Garrison, Ervan [192]
 Garrison, Thomas [244]
 Garvey, Raven [135]
 Gasco, Janine [194]
 Gaskell, Sandra [66]
 Gaspar, Maria [152]
 Gatsov, Ivan [211]
 Gaudreau, Mariane [374]
 Gaudzinski-Windheuser, Sabine [396]
 Gauthier, Gilles [185]
 Gauthier, Nicolas [167]
 Gavette, Peter [416]
 Gay, Brandon [11]
 Ge, Wei [179]
 Gearheard, Shari [288]
 Geiger, B [131]
 Geiger, Elspeth [54]
 Geller, Pamela [146]
 Gendron, Daniel [360]
 Gentil, Bianca [7], [355]
 Gentry, Jewel [30]
 George, Richard [91], [244], [248]
 Germonpré, Mietje [28]
 Gershenson, Carlos [317]
 Gerstenblith, Patty [254]
 Geurds, Alexander [246]
 Giambastiani, Dayna [362]
 Giambastiani, Mark [341]
 Gibbons, Kevin [154]
 Gibbs, Kevin [89]
 Gibson, Heather [175]
 Gibson, Julie [351]
 Gibson, Kathleen [33]
 Gidding, Aaron [402]
 Giersz, Milosz [227]
 Gifford, Chad [411]
 Gil, Adolfo [91]
 Gilbert, Danielle [232]
 Gilbert, M. Thomas P. [229]
 Gildor, Hezi [368]
 Gill, Kristina [32], [41]
 Gill, Lucy [212]
 Gill, Maninder [411]
 Gill, Thomas [6]
 Gillam, Christopher [4]
 Gillenwater, Collin [413]
 Gillespie, Rosemary [339]
 Gillespie, Susan [305]
 Gillette, Donna [30]
 Gilligan, Cheryllyn [165]
 Gilliland, Krista [319]
 Gillispie, Tom [171]
 Gillo, Celine [399]
 Gilmore, Kevin [65]
 Gilmore, Zackary [348]
 Gilstrap, William [79]
 Gingerich, Joseph [333], [357]
 Giomi, Evan [273]
 Giordano, Celeste [415]
 Giovas, Christina [164], [233]
 Giovas, Christina M. [164]
 Giraldo Tenorio, Hernando [107]
 Giron-Ábrego, Mario [355]
 Gjesfjeld, Erik [89]
 Glascock, Michael [123], [292]
 Glascock, Michael D. [230]
 Glass, Dara [336]
 Glassow, Michael [32]
 Glatz, Claudia [14]
 Glover, Jeffrey [38], [244]
 Glover, Jeffrey B. [413]
 Glowacki, Donna [85]
 Glowacki, Donna M. [274]
 Glusing, Brian [363]
 Gnivecki, Perry [387]
 Go, Matthew [49]
 Gobalet, Ken [293], [406]
 Gobalet, Kenneth [105], [293]
 Goddard, Timothy [5]
 Godsey, Melanie [409]
 Goebel, Ted [87], [112], [171]
 Góes Neves, Eduardo [326]
 Goff, Sheila [369]
 Gokee, Cameron [23]
 Gold, Claire [19]
 Gold, Jacob [407]
 Goldberg, Kelly [50]
 Goldberg, Paul [35], [53], [190]
 Golden, Charles [86], [344]
 Goldfield, Anna [53]
 Goldstein, David [347]
 Goldstein, David John [347]
 Goldstein, Lynne [71], [235], [301]
 Goldstein, Paul [184], [250], [347], [377], [384]
 Goldstein, Steven [23], [406]
 Goldtooth, Grace [195]
 Golitko, Mark [52]
 Golubiewski-Davis, Kristina [121]
 Goman-Chindebvu, Elizabeth [118], [155]
 Gomes Coelho, Rui [394]
 Gómez Ambriz, Emmanuel [231]
 Gómez Puche, Magdalena [74]
 Gomez-Gastelum, Luis [317]
 Gómez-Valencia, Alejandra M. [257]
 Goncalves, Celia [53]
 Gonçalves, Célia [174]
 Gonlin, Nan [75], [270]
 Gonzales, Mark [103]
 Gonzalez, Albert [15]
 Gonzalez, Lissandra [189]
 Gonzalez, Lourdes [189]
 Gonzalez, Sara [195]
 Gonzalez, Toni [147], [355]
 Gonzalez Lauck, Rebecca [198]
 González López, Angel [88]
 González López, Ángel [298]
 Gonzalez-Licon, Ernesto [410]
 Gonzalez-Tennant, Edward [400]

- Gonzalez-Velez, Carol [246]
 Goodale, Nathan [10], [56], [92], [312], [360]
 Goodby, Robert [281]
 Goodman-Elgar, Melissa [190]
 Goodmaster, Christopher [353]
 Goodwin, R. Christopher [275]
 Goodwin, Whitney [230]
 Goralski, Craig [19]
 Gorbahn, Hermann [31]
 Gorden, Mary [352]
 Gorgues, Alexis [177]
 Goring-Morris, Nigel [16], [82]
 Gorski, Linda [43]
 Gosden, Chris [348]
 Goshen, Shannon [341]
 Gosner, Linda [368], [385]
 Goudge, Charlotte [56]
 Gough, Stan [92]
 Gover, Carlton [275]
 Gowland, Rebecca [299]
 Gradoz, Machal [409]
 Graesch, Anthony [258]
 Graesch, Anthony P. [162]
 Graf, Kelly [87], [112]
 Graff, Emily Elizabeth [332]
 Graham, Elizabeth [147], [248], [350], [413]
 Graham, Shawn [5], [84], [200], [235]
 Granley, Elisabeth [250]
 Grant, Sarah [91]
 Grattan, John [210]
 Gratuze, Bernard [401]
 Gravalos, Marie [31]
 Grávalos, Beth [31]
 Grave, Alfonso [231]
 Gravel-Miguel, Claudine [395]
 Graveratte, John [308]
 Graves, Michael [180]
 Graves, William [13]
 Gravina, Brad [190]
 Gray, Alexis [19]
 Greaves, Russell [153]
 Green, Debra [230]
 Green, Kirsten [206]
 Green, Scott [392]
 Greenaway, Brendon [392]
 Greenberg, Harris [190]
 Greene, Alan [411]
 Greene, Lance [124]
 Greene, Richard [29]
 Greenfelder, Megan [206]
 Greenlee, Diana [220]
 Greenlow, Claire [57]
 Greenwald, Alexandra [415]
 Greer, John [300]
 Greer, Mavis [300]
 Grier, Colin [80]
 Griffin, Dennis [114]
 Griffin, Robert [199], [350]
 Griffith, Anne [261]
 Griffith, Cameron [338]
 Griffith-Rosenberg, Jacob [314]
 Griffith-Rosenberger, Jacob [314]
 Griffiths, David [18]
 Griffiths, Seren [348]
 Griffiths, Janet [55]
 Griggs, Carol [21]
 Grillo, Katherine [79]
 (Grimes) Parker, Ashley [362]
 Grimes, Ashley [362]
 Grimes, Vaughan [112]
 Grimm, Sonja [389]
 Groen, Mike [19]
 Groff, Amanda [205]
 Groom, Peter [40]
 Grooms, Michael [112], [155]
 Grosman, Leore [40]
 Grove, David [172], [292]
 Grove, Matt [84]
 Gruhn, Ruth [119]
 Grund, Brigid [12]
 Gruner, Erina [364]
 Grunwald, Allison [122]
 Guan, Ying [179]
 Guanghui, Dong [345]
 Guderjan, Thomas [176], [350], [413]
 Gudiel, Lucia [38]
 Gudino, Alejandra [367]
 Guebard, Matthew [29]
 Guengerich, Anna [78]
 Guenter, Stanley [306], [408]
 Guernsey, Julia [151], [306]
 Guerra, Rafael [244], [248]
 Guerrero, Marcos [195]
 Guevara, Evelyn [78]
 Guidry, Hannah [311]
 Guilfoyle, David [336]
 Guillen, Sonia [78]
 Guillén, Sonia [78]
 Güimil-Fariña, Alejandro [409]
 Guiterman, Christopher [110]
 Gulevich, Rimma [28]
 Gullapalli, Praveena [101], [402]
 Gunter, Madeleine [56]
 Gurova, Maria [74]
 Gurt, Josep Maria [402]
 Gusick, Amy [32]
 Gust, John [38]
 Gustas, Robert [320]
 Gutierrez, Gerardo [182], [409]
 Gutierrez, Maria [250]
 Gutierrez, María De La Luz [156]
 Gutiérrez Martínez, María de la Luz [156]
 Gutiérrez-Zugasti, Igor [185]
 Guzman, Amanda [164]
 Guzman, Rodrigo [287]
 Guzmán, Ana [298]
 Guzmán, Eulogio [346]
 Guzmán Aguirre, Marisela [156]
 Gyucha, Attila [47], [211]
 Haas, Jennifer [190]
 Haas, W. [328]
 Haase, S.K. [72]
 Haber-Uriarte, Maria [397]
 Habiba, Habiba [229]
 Habicht-Mauché, Judith [274], [406]
 Habu, Junko [82]
 Hackbarth, Mark [304]
 Hackenberger, Steve [205]
 Hackenberger, Steven [8], [164], [360]
 Hacker, Stephanie [120]
 Hadden, Carla [152]
 Hadden, Glade [386]
 Hadel, Patrick [418]
 Hadley, Dawn [18]
 Hadlock Seeley, Robin [61]
 Haertel, Kirstie [83]
 Hagen, Mary [230]
 Hager, Lori [297]
 Haggard, Alyssa [7]
 Hagin, Jason [310]
 Hailey, Tommy [284]
 Haines, Helen [147]
 Haines, Helen R. [147]
 Haines, Julia [116]
 Haley, Bryan [172]
 Hall, Jeffrey W. [319]
 Hall, Tegan [36], [407]
 Haller, Mikael [246]
 Hallett-Desguez, Emily [356]
 Halligan, Jessi [119], [192]
 Hallihan, Melissa [311]
 Hallinan, Stephanie [311]
 Halling, Christine [19], [220], [415]
 Halmbacher, Alexandria [75]

- Halperin, Christina [88]
Hambacher, Michael [280]
Hambrecht, George [154], [288], [339]
Hamilton, Derek [130], [348]
Hamilton, Nathan [61]
Hammer, Emily [14]
Hammerstedt, Scott [173], [229]
Hammond, Krystal [136]
Hanchar, John [215]
Hancock, R.G.V. [140]
Hand, Bianca [51]
Handley, Jordan [112]
Haney, Jennifer [162]
Hanks, Bryan [6], [345]
Hanratty, Colleen [350]
Hanselka, Kevin [256]
Hanselmann, Frederick [170]
Hansen, Craig [29]
Hansen, Richard [408]
Hansen, Richard D. [408]
Hansen, Tiffany [205]
Hanson, Casey [311]
Hanson, Katharyn [254]
Hanus, Kasper Jan [286]
Hard, Robert [167], [229], [262]
Hard, Robert J. [262]
Hardy, Thomas [250], [411]
Hare, Timothy [194], [344]
Hargrave, Eve [235]
Harke, Ryan [223]
Harkey, Anna [117], [237]
Harkins, Kelly [384]
Harkleroad, Eric [131]
Harkness, Rebecca [273]
Harle, Michaelyn [187]
Harman, Jon [352]
Harmand-Lewis, Sonia [53]
Harmansah, Omur [47]
Harrington, Katherine [368]
Harrington, Lucy [260]
Harris, Alison [112]
Harris, Doug [243]
Harris, J.W.K. [174]
Harris, Kathryn [300]
Harris, Matthew [48], [105]
Harris, Megan [122]
Harris, Susan [93]
Harrison, Ramona [351]
Harrison-Buck, Eleanor [244], [350], [409]
Harrison-Buck, Ellie [58]
Harrod, Ryan [202], [229], [273], [299]
Harrower, Michael [287], [379]
Harry, Karen [48], [274], [324]
Hart, Isaac [119]
Hart, Sharlot [273]
Hart, Thomas [271]
Hartford, Alexis [366]
Hartley, Corey [121]
Hartshorn, Timothy [258]
Haselgrove, Colin [348]
Hassett, Brenna [322]
Hastorf, Christine [41], [226], [414]
Hatfield, Virginia [302]
Haubt, Robert [149]
Hauer, Craig [392]
Haukaas, Colleen [302]
Hauser, Mark [305]
Hauser, Neil [3], [185]
Hauser, Sheila Jon [373]
Häusler, Werner [9]
Hauther, Kathleen [264]
Havelkova, Petra [207]
Haverstock, Gregory [138]
Hawkes, Kristen [296]
Hawkins, Alicia [140]
Haws, Jonathan [8], [118], [174]
Hayashida, Frances [180]
Hayden, Brian [153], [171], [342]
Haynes, Gary [87], [150]
Hays, Christopher [220]
Hays, Maureen [333]
Hays-Gilpin, Kelley [303]
Hayward, Michele [352]
Hazard, Rebecca [233]
Headrick, Annabeth [306]
Healan, Dan [39], [141], [292]
Healey, Elizabeth [401], [412]
Hearth, Nicholas [38]
Heath, Joshua [63]
Heath, Laura [249]
Heath, Margaret [336]
Hechler, Ryan [307]
Hedenstierna-Jonson, Charlotte [18]
Hedlund, Jonathan [65]
Hedquist, Saul [343]
Heffner, Sarah [45]
Hegberg, Erin [128]
Hegel, Casey [7], [131]
Heidkamp, Blair [205]
Heidke, James [55], [304]
Heikkilä, Raija [250]
Hein, Anke [286], [349]
Hein, Anno [25]
Heindel, Theresa [75]
Heinrich, Adam [405]
Heins, Sarah [166]
Heitman, Carrie [235]
Heller, Abigail [94]
Heller, Eric [130]
Helmke, Christophe [88]
Helton, Erin [353]
Hemmings, C. [192]
Henderson, A. Gwynn [236]
Henderson, Lucia [196]
Henderson, T. Kathleen [304]
Hendrickson, Mitch [286]
Hendrix, Jillian [164]
Hendy, Jessica [332]
Heng, Pihlal [349]
Henry, Amanda G. [415]
Henry, Edward [172]
Henry-Gambier, Dominique [181]
Henshilwood, Christopher [356]
Hensler, Rachel [311]
Hepp, Guy [410]
Herbert, James [336]
Herdreich, David [391]
Heredia Espinoza, Verénice [26]
Herklotz Balam, Daniel [24]
Herlich, Jessica [268]
Hermann, George R. [256]
Hermenegildo, Thiago [326]
Hermenegildo, Tiago [326]
Hermes, Taylor [403]
Hermitt, Elijah [248]
Hernandez, Enrique [408]
Hernandez, Hector [76]
Hernandez, Nicole [52]
Hernandez, Shayna [355]
Hernández, Rubén [129]
Hernández, Valeria [298]
Hernández Álvarez, Héctor [24]
Hernández Álvarez, Héctor A. [376]
Hernández Escontrías, Pilar [117]
Hernandez Espinoza, Patricia [217], [257]
Hernández Espinoza, Patricia Olga [217]
Hernandez Garavito, Carla [227]
Herndon, Kelsey [4]
Herr, Sarah [13], [71], [273]
Herrera, Roberto [246]
Herrera López, María Claudia [203]

- Herrera Malatesta, Eduardo [199]
 Herridge, Victoria [322]
 Herries, Andy [139]
 Herries, Andy I.R. [294]
 Herrmann, Edward [35]
 Herrmann, Jason [331]
 Herrmann, Nicholas [321], [387]
 Herrmann, Nicholas P. [220]
 Herrscher, Estelle [401]
 Herschend, Frands [57]
 Herzog, Nicole [362]
 Hess, Karen [162]
 Hess, Michael [355]
 Hess, Mike [409]
 Hester, Thomas [292]
 Hickman, Clara J. [287]
 Hicks, Megan [288]
 Hidalgo, Marta [170]
 Higelin Ponce de Leon, Ricardo [188], [410]
 Higelin Ponce De Leon, Ricardo [410]
 Higgins, Howard [336]
 Higgins, Richard [91]
 Higgins, Steven [294]
 Higuélin, Ricardo [249]
 Higuéras, Alvaro [279]
 Higuéras, María [172]
 Hildebrand, Elisabeth [414]
 Hildebrandt, Tod [341]
 Hildebrandt, William [1], [341]
 Hilditch, Jill [25]
 Hill, Allison [143]
 Hill, Austin [409]
 Hill, David [361]
 Hill, Erica [28]
 Hill, Kim [294]
 Hill, Mark [9], [280]
 Hill, Matthew [150]
 Hill, Rebecca [123]
 Hillerdal, Charlotta [337]
 Hinojo, Adriana [257]
 Hinojo-Hinojo, Adriana [257]
 Hinojosa, Mark [363]
 Hinojosa-Balino, Israel [409]
 Hinthorne, James [378]
 Hirth, Colin [194]
 Hirth, Kenneth [88], [194]
 Hishida, Tetsuo [145]
 Hitchings, Philip [47], [401]
 Hixon, Sean [52]
 Hlubik, Sarah [174]
 Ho, Bert [170]
 Hockett, Bryan [415]
 Hodder, Ian [16], [146], [297]
 Hodges, Charles [10]
 Hodgetts, Lisa [25], [302]
 Hodgkins, Jamie [356]
 Hoefler, Dani [98]
 Hoff, Aliya [355], [409]
 Hoffman, Amy [85]
 Hoffman, Brian [7], [30], [119], [166]
 Hoffman, John [225]
 Hoffmann-Ihde, Beatrix [411]
 Hofman, Corinne L. [199]
 Hofman, Courtney [339]
 Hogg, Erin [95]
 Hoggarth, Julie [244], [248]
 Holcomb, Justin [9]
 Holdaway, Simon [228]
 Hole, Frank [401]
 Holeman, Abigail [22]
 Hollenback, Kacy [230]
 Hollenback, Kacy L. [230]
 Hollinger, Eric [42]
 Holmberg, Karen [412]
 Holmes, Charles [360]
 Holst, Irene [186]
 Holtkamp, David [276]
 Homburg, Jeffrey [55], [180]
 Homko, Margaret [166]
 Homsey-Messer, Lara [162]
 Honda, Kaoru [31]
 Honeychurch, William [234]
 Honglin, Ran [349]
 Hood, Larkin [94], [270]
 Hoogland, Menno [199]
 Hoopes, John [246], [411]
 Hoover, Anna [38]
 Hopkins, Maren [153]
 Hoppa, Kristin [32], [41]
 Hora-Cook, Elizabeth [362]
 Horcajada Campos, Patricia [242]
 Horn, Sherman [147]
 Hornbeck, Bobbi [7]
 Home, Joseph [375]
 Horneman, Rennie [412]
 Horning, Audrey [340]
 Horowitz, Rachel [292], [399]
 Horrell, Christopher [170]
 Horsburgh, K. Ann [296]
 Horsley, Timothy [173], [365]
 Horton, Elizabeth [43]
 Horton, Mark [56], [105]
 Horton, Shannon [274]
 Hosking, Nada [395]
 Houk, Brett [4], [244]
 Houkes, Wybo [191]
 Houle, Jean-Luc [403]
 House, Ernest [369]
 Houston, Stephen [158]
 Hovers, Erella [33], [64], [181]
 Hovsepyan, Roman [401]
 Howard, Jerry [304]
 Howe, Mark [282]
 Howell, Cameron [131]
 Howell, Ryan [98]
 Howerton, Sarah [312]
 Howey, Meghan [81]
 Howie, Linda [25], [413]
 Howland, Matthew [241], [321]
 Hristova, Petya [368]
 Hristova, Polina [93]
 Hronec, Laura [358]
 Hruby, Zachary [292]
 Hsieh, Ellen [238]
 Hsu, Yiu-Kang [402]
 Hu, Di [117]
 Huang, Jennifer [149]
 Huang, Tsuimei [234]
 Huang, Weijin [179]
 Hubbard, Emily [401]
 Hubbe, Mark [384]
 Hubert, Erell [187]
 Huckert, Chantal [198]
 Huckleberry, Gary [304]
 Huddleston, Stephanie [336]
 Huebert, Jennifer [52]
 Huerta, Edgar [172]
 Huertas, Geraldine [134]
 Huff, Jennifer [52]
 Huffer, Damien [279], [403]
 Huffer, Donelle [97]
 Huffman, Thomas [23]
 Huges, David [260]
 Huggins, Kathleen [184], [250]
 Hughes, Daniel [243]
 Hughes, Erin [260]
 Hughes, Richard [171], [341]
 Hull, Kathleen [1], [175]
 Hulse, Eva [289]
 Hung, Ling-yu [102]
 Hunt, Alice [9]
 Hunt, Harriet [345]
 Hunt, Kevin [164]
 Hunt, Robert [304]
 Hunt, Ryan [95]
 Hunt, Terry [52], [191], [233], [330], [412]
 Hunt, Terry L. [52]
 Hunter, Ryan [120]

- Huntington, Yumi [187]
 Huntley, Deborah [34], [278]
 Hurcombe, Linda [201]
 Hurst, Heather [303]
 Hurst, Winston [85]
 Hurst Thomas, David [9]
 Hurtubise, Jenna [187]
 Huster, Angela [253]
 Hutchings, Rich [13]
 Hutchinson, Ian [168]
 Hutchinson, Vance [112]
 Hutura, Johna [97], [197]
 Hutson, Jarod [87]
 Hutson, Jarod M. [396]
 Hutson, Scott [24], [142], [183]
 Hutson, Scott R. [75]
 Hwang, Jae Hoon [80]
 Hwang, Jaehoon [80]
 Hyde, David M. [248]
 Hylkema, Linda [175], [310]
 Hylkema, Mark [293]
 Iannone, Gyles [48], [115], [154], [316]
 Ibarra, Georgina [141]
 Ibarra-Morales, Emilio [141]
 Iceland, Harry [357]
 Iizuka, Fumie [115]
 Ilani, Shimon [64]
 Iles, Louise [23]
 Iliev, Ilia [40]
 Iliff, Jeremy [358]
 Iliopoulos, Ioannis [25]
 Illingworth, J. S. [114]
 Impfeld, Sarah [194]
 Ingalls, Teresa [209]
 Ingalls, Victoria [338]
 Ingram, Scott [304], [333], [334]
 Inomata, Takeshi [196], [285]
 Inoue, Hiroko [291]
 Intoh, Michiko [77]
 Iriarte, Jose [186], [226]
 Iriarte, José [157]
 Irish, Mark [375]
 Isensee, Theron [90]
 Isla, Johnny [31]
 Islas Orozco, Mirsa Alejandra [298]
 Ivanova, Maria [154]
 Ives, John [182]
 Ivic de Monterroso, Matilde [242]
 Izeta, Andres Dario [35]
 Izquierdo Egea, Pascual [86]
 Izuho, Masami [53], [115]
 Jabbour, Rebecca [132]
 Jackson, Brittany [169]
 Jackson, Lauren [123]
 Jackson, Marie [399]
 Jackson, Sarah [142]
 Jacob, Joel [93]
 Jacob, Robert [8]
 Jacobs, David [278]
 Jacobs, Zenobia [294], [356]
 Jacobsen, Geraldine [77]
 Jacobson, Nicole [207]
 Jacobson-Tepfer, Esther [353]
 Jacoby, Lindsay [27]
 Jadot, Elsa [253]
 Jaffe, Yitzchak [67]
 Jaffee, Yitzchak [37]
 Jaimes, Gustavo [129]
 Jakobsen, Nicholas [80]
 James, Emma [139]
 James, Steven [282]
 James, Vivian [397]
 James Tait, Elder [358]
 Jameson, John H [405]
 Janaway, Rob [19]
 Janetski, Joel [85], [127]
 Jankauskas, Rimantas [207]
 Janssen, Marco [221], [294]
 Janusek, John [184], [305]
 Janzen, Anneke [406], [414]
 Jarman, Catrine [18]
 Jarman, Jarman [191]
 Jarry, Marc [35]
 Jarvi, Forrest [276]
 Jaworski, Christian [291]
 Jazwa, Christopher [32]
 Jeanty, Naphtalie [15]
 Jelinek, Lauren [123], [161]
 Jenkins, Emma [210]
 Jenks, Kelly [99]
 Jennings, Richard [33]
 Jennings, Thomas [148], [333]
 Jensen, Adreanna [386]
 Jensen, Anne [302]
 Jensen, Jacob [4]
 Jeremiah, Kristen [281]
 Jerrems, William [150]
 Jeske, Robert [139]
 Jessmore, Laura [54]
 Jew, Nicholas [32], [105]
 Jewett, Maximilian [106]
 Jiang, Leping [179]
 Jiang, Zhilong [349]
 Jigetts-O'Neill, Alexandra [21]
 Jimenez, Diego [346]
 Jimenez, Lissette [240]
 Jiménez, Socorro [86]
 Jimenez Alvarez, Socorro [24]
 Jiménez Fenández-Palacios, Belen [100]
 Jimenez Roman, Karina [111]
 Jiménez-Cano, Nayeli [130]
 Jin, Guiyun [283]
 Jin, Hetian [286]
 Jobbova, Eva [130]
 Jochim, Michael [40]
 Johannesson, Erik [20]
 Johansen, Peter [142]
 Johansson, Lindsay [95], [182], [260]
 Johnen, Connor [362]
 Johnson, Adam [159]
 Johnson, Beverly [81]
 Johnson, Danette [66]
 Johnson, Hunter [173]
 Johnson, Ilana [250]
 Johnson, Jennifer [28]
 Johnson, Jessica [254]
 Johnson, John [143], [175]
 Johnson, John R. [143]
 Johnson, Keith [127]
 Johnson, Keith L [127]
 Johnson, Lauren [162]
 Johnson, Lisa [108]
 Johnson, Michael [333]
 Johnson, Nadia [393]
 Johnson, Natasha [160]
 Johnson, Peri [47]
 Johnston, Christine [368]
 Johnston, Janene [162]
 Johnston, Karla [162]
 Johnston, Kevin [408]
 Johnston, Susan [289]
 Johnstone, Dave [323]
 Jolie, Edward [143]
 Jolivet, Stephanie [152]
 Jolly, Sarah [203], [299]
 Jones, Brian [150], [281]
 Jones, Carleton [155]
 Jones, Catherine [301]
 Jones, Emily Lena [163]
 Jones, Eric [275]
 Jones, Hillary [6]
 Jones, Huw [345]
 Jones, Ian [402]
 Jones, James [30]
 Jones, Janet [101]
 Jones, Jason [249]
 Jones, Kari [416]
 Jones, Martin [345]
 Jones, Martin Kenneth [345]
 Jones, Megan [362]
 Jones, Mica [7]
 Jones, Penny [345]

- Jones, Samantha [74]
 Jones, Sharyn [77]
 Jones, Terrah [169]
 Jones, Terry [1], [32], [406]
 Jones, Warren [337]
 Jorda Pardo, Jesus F. [155]
 Jordan, Alexis [301]
 Jordan, Amy [44]
 Jordan, Jillian [248]
 Jordan, Keith [39]
 Jorge, Ana [337]
 Joslin, Terry [32]
 Joyce, Arthur [249], [410]
 Joyce, Rosemary [16], [108], [305]
 Juarez, Santiago [237]
 Judd, Veronica [123]
 Juengst, Sara [187]
 Juleff, Gillian [89]
 Julien, Michèle [309]
 Julien, Sion [242]
 Júlíusson, Árni Daníel [351]
 Just, Bryan [88]
 Justeson, John [259]
 Kabata, Shigeru [317]
 Kacki, Sacha [207]
 Kahanov, Yaacov [368]
 Kahn, Jennifer [388]
 Kaijankoski, Philip [293]
 Kaiser, Jessica [240]
 Kaiser, Jozef [12]
 Kakaliouras, Ann [146]
 Kakoulli, Ioanna [140]
 Kalra, Kanika [180]
 Kamenov, George [397]
 Kamenov, George D. [164]
 Kaminski, Amanda [164]
 Kamp-Whittaker, April [237]
 Kandler, Anne [191]
 Kane, Susan [3]
 Kang, Bong [49]
 Kansa, Eric [68], [123], [125], [200]
 Kansa, Sarah [5], [68], [123], [200]
 Kantner, John [287]
 Kaplan, Robert [122]
 Karacic, Steven [398]
 Karberg, Rebecca [392]
 Kardamaki, Elina [25]
 Kardulias, P. Nick [51], [92], [162], [205]
 Kardulias, P. Nick [51]
 Kardulias, Paul [292]
 Kariwiga, Jason [52]
 Karkanias, Panagiotis [190], [294], [356]
 Karsten, Jordan [166]
 Kartal, Metin [91]
 Karul, Necmi [218]
 Kasper, Kimberly [162]
 Kassa, Sonja [91]
 Kassabaum, Megan [8], [289]
 Kataoka, Osamu [233]
 Katz, Jared [133]
 Katz, Sandra [109]
 Katz, Steven [90]
 Katzeman, Chelsea [314]
 Katzenberg, M. Anne [328]
 Kaufman, Brett [51], [89]
 Kawano, Masanori [145]
 Kay, Marvin [74]
 Keach, Levi [7]
 Kealhofer, Lisa [186]
 Keall, Edward [401]
 Keegan, William [105]
 Keener, Nichole [12]
 Keeton, Glen [327]
 Kehoe, Alice [340]
 Keim, Sherry [336]
 Keinan-Schoonbaert, Adi [235]
 Kelleher, Anna [232]
 Kellett, Lucas [203]
 Kelley, Alice [243]
 Kelley, Jane H. [245], [328]
 Kelley, Joseph [243]
 Kelley, Krystle [263]
 Kellner, Corina [31]
 Kelly, John [359]
 Kelly, Kenneth [311]
 Kelly, Kenneth G. [50]
 Kelly, Robert [35], [135], [178]
 Kelly, Sophia [304], [390]
 Kelsoe, Camilla [283]
 Kelvin, Laura [302]
 Kemp, Dylan [311]
 Kemp, Leonard [229]
 Kendall, Heather [185]
 Kendrick, James [29]
 Kennedy, Gail [169]
 Kennedy, John [12]
 Kennedy, Ryan [45]
 Kennedy Richardson, Karimah [160]
 Kennett, Douglas [32], [178], [334]
 Kennett, Douglas J. [91]
 Kerchusky, Sarah [31]
 Kerdsap, Puangtip [49], [407]
 Kerry, Sagebiel [147]
 Kersel, Morag [279], [409]
 Kessler, Nicholas [311]
 Keyser, James [353]
 Khaksar, Somayeh [53]
 Khalidi, Lamya [401]
 Kharlamova, Anastasiya [28]
 Khatchadourian, Lori [285]
 Khreisheh, Nada [33]
 Kiahtipes, Chris [239]
 Kidder, Barry [24], [183]
 Kidder, T.R. [155], [359]
 Kidder, Tristram [288]
 Kidder, Tristram R. [190]
 Kieffer, C. L. [248]
 Kieffer, C.L. [266]
 Kielhofer, Jennifer [360]
 Kilby, David [150]
 Kilikoglou, Vassilis [25], [79], [411]
 Killgrove, Kristina [42], [68], [124]
 Killick, David [77], [79]
 Kim, Ha Beom [49]
 Kim, Jangsuk [80]
 Kim, Lynn [11]
 Kim, Nam [286]
 Kimmel, Addison [90]
 Kimura, Birgitta [328]
 Kincaid, Meaghan [273]
 King, Adam [335]
 King, Eleanor [236], [330]
 King, Jason [331], [359]
 King, John [243]
 King, Justin [289]
 King, Stacie [410]
 Kingwell-Banham, Eleanor [414]
 Kinkopf, Katherine [205]
 Kintigh, Keith [69], [161]
 Kintigh, Keith W. [167]
 Kintz, Theresa [400]
 Kirakosian, Katie [270], [281]
 Kirch, Patrick [77], [339]
 Kirkendall, Whitney [106]
 Kiser-Go, Deanna [240]
 Kissel, Marc [53]
 Kistler, Logan [226]
 Kitchell, Lindsey [33]
 Kjolsing, Jason [377]
 Klaric, Laurent [181]
 Klassen, Sarah [286]
 Klaus, Haagen [187], [393]
 Klehm, Carla [7], [8]
 Klein, Lauren [273]
 Klein, Richard [296]
 Klokler, Daniela [152]
 Klontz, Barbara [415]
 Knab, Timothy [259]
 Knabb, Kyle [321]
 Knapp, Dante [230]
 Knaub, Colene [207]
 Knecht, Rick [337]
 Kneifel, Rebekah [90]
 Knell, Edward [386]
 Knight, Charles [172]

- Knight, Charles L. F. [259]
 Knight, Terry [369]
 Knipper, Corina [93]
 Knodell, Alex [385]
 Knox, Kelsey [396]
 Knudson, Kelly J. [338]
 Kober, Brent [304]
 Kocer, Jacqueline [354]
 Koenig, Charles [256]
 Kohl, Philip [340]
 Kohler, Tim [84], [348]
 Kohler, Timothy [287]
 Kohler, Timothy A. [84], [167]
 Kohut, Lauren [11]
 Kolar, Miriam [59]
 Kolb, Charles [35]
 Kolb, Michael [368]
 Kolber, Jane [149]
 Kolise, Jennifer [363]
 Koller, Jared [238]
 Kollmann, Dana [19]
 Komar, Tanya [310]
 Kontonikolas, MaryAnn [368]
 Konwest, Elizabeth [235], [335]
 Kooiman, Susan [280]
 Koons, Michele [90], [404]
 Koontz, Cassandra [208]
 Koontz, Cassandra S. [208]
 Koontz, Rex [39]
 Kopperl, Robert [360]
 Kornfeld, Marcel [138], [166]
 Korpisaari, Antti [184]
 Korstanje, Maria Alejandra [180], [347]
 Kosakowsky, Laura [295]
 Kosiba, Steve [305]
 Kosintsev, Pavel A. [74]
 Kotegawa, Hirokazu [172]
 Kott, Isabela [52]
 Kouvatso, Patricia [81]
 Kovacevich, Brigitte [22], [86]
 Kovach, Adreinne [81]
 Kovacic, Peter [176]
 Kováčik, Peter [62], [309]
 Kovacs, Shawn [370]
 Koyiyumtewa, Stewart [239]
 Kozuch, Laura [152]
 Krall, Angie [110]
 Kramer, Karen [153]
 Krasinski, Kathryn [72], [87]
 Krasinski, Kathryn E. [302]
 Krause, Johannes [384], [396]
 Krause, Samantha [350]
 Kretzler, Ian [200]
 Kribaum, John [205]
 Krigbaum, John [164], [205], [238], [328], [397], [407]
 Krill, William [358]
 Kristan-Graham, Cynthia [39], [88]
 Kroot, Matthew [401]
 Krug, Andrew [245]
 Krummel, Jordan [408]
 Kuckelman, Kristin [85], [285]
 Kuester, Falko [409]
 Kuhn, Steven [135], [241], [296]
 Kuijt, Ian [56], [82], [315], [405]
 Kukekova, Anna [28]
 Kulaga, Nicole [364]
 Kulhavy, Kathryn [204]
 Kulick, Rachel [395]
 Kulow, Stephanie [21]
 Kupriyanova, Elena [345]
 Kurin, Danielle [11], [203], [299], [334], [384]
 Kurnick, Sarah [335]
 Kus, Susan [20], [142]
 Kusimba, Chapurukha [264]
 Kuzminsky, Susan [204], [357]
 Kvamme, Emily [364]
 Kvamme, Kenneth [284]
 Kvetina, Petr [82]
 Kwak, Seungki [407]
 Kyriakou, Xenia-Paula [132]
 La Favre, Karl [11]
 La Motta, Vincent M. [343]
 La Salle, Marina [13]
 Lack, Andrew [209]
 Lacombe, Sebastien [395]
 Lacy, Sarah [40]
 LaDu, Daniel [220]
 Laffey, Ann [153]
 Lafrenz Samuels, Kathryn [405]
 Lake, Mark [84], [191], [221]
 Laland, Kevin [33]
 Laluk, Nicholas [90]
 Lam, Yin [37]
 Lamb, Angela [154]
 Lamb, Céline [75], [183]
 Lamb, Céline C. [183]
 Lambert, John [150]
 Lambert, Shawn [3], [330]
 Lambrides, Ariana [105], [152]
 Lancelotti, Carla [73], [176]
 Landau, Kristin [289], [366]
 Landreth, Frances [225]
 Landry, Shannon [212]
 Lane, Brent [188]
 Lane, Brian [233]
 Lane, Kevin [31]
 Lane, Rachael [36]
 Lange, Christine [55]
 Lange, Richard [343]
 Langebaek, Carl [107]
 Langford, Richard [6]
 Langlie, BrieAnna [347]
 Langlitz, Meredith [72], [93], [188], [329]
 Langston, Lucinda [333]
 Lanoë, Francois [92], [178]
 Lanoë, Francois [360]
 Lapeña, Queeny [32]
 Lapeyre-Montrose, Stephanie [27]
 Lapp, Jennifer [133]
 Larios Córdova, Diana Irasema [156]
 Larmore, Sean [65]
 Larsen, Clark [178]
 Larsen, Susan [168]
 Larsen, Thomas [191]
 Larson, Greger [28]
 Larson, Katherine [101]
 Larson, Mary Lou [166], [342]
 Lash, Ryan [56], [315]
 Lassen, Robert [148]
 Latinis, Kyle [407]
 Lau, George [285]
 Lau, Hannah [68], [380], [401]
 Laue, Ghilraen [149]
 Lauer, Adam [205], [238]
 Laurenzi, Andy [278]
 Lavallée, Danièle [309]
 LaValley, Stephen [128]
 Laviña, Javier [170]
 LaViolette, Adria [285]
 Lavris Makovics, Jennifer [267]
 Lawler, Dennis [28]
 Lawrence, John [77], [79]
 Lawrence, Ken [256]
 Laws, Kaitlyn [250], [403]
 Lawson, Charles [29]
 Layer, Paul W [151]
 Layzell, Tony [190]
 Lazaridis, Iosif [396]
 Láznicková-Galetová, Martina [12], [28]
 Lazo, Juana [187]
 Lazzari, Marisa [412]
 le Plastrier, Barry [286]
 Leach, Peter [243]
 Leal Hernandez, Edgar [58]

- Lechado, Leonardo [313]
 LeCount, Lisa [22], [244]
 Ledbetter, Jerald [333]
 Ledger, Paul [337]
 Lee, Allen [221]
 Lee, Cheng-Yi [49]
 Lee, Chris [52]
 Lee, Christina [18]
 Lee, Christine [37]
 Lee, Christopher [52], [409]
 Lee, Craig [300]
 Lee, David [138]
 Lee, Gyoung-Ah [49], [414]
 Lee, Jaeyong [80]
 Lee, Rachel [49]
 Lee, Sean [166]
 Lee, Youngseon [80]
 Lees, William [261]
 Lee-Thorp, Julia [294], [356], [378], [396]
 Lefebvre, Karine [50]
 LeFebvre, Michelle [328]
 Leflar, Philip [245]
 Lehner, Mark [237]
 Lei, Yu [349]
 Leidy, Robert [293]
 Leight, Megan [133]
 Leisz, Stephen [21]
 Lejay, Mathieu [181]
 LeJeune, Collin [307]
 Lekson, Stephen [1], [222], [354]
 Lemke, Ashley [135], [192], [280]
 Lemonnier, Eva [183]
 Lennen, Joel [269]
 Lennon, Joel [173]
 Lenoir, Michel [53], [389]
 Lentz, David [75], [295]
 Lentz, Kari [416]
 Leon, Xochitl [144]
 Leon Estrada, Xochitl [144]
 Leon Guerrero, Annamaria [106]
 Leonard, Chelsea A. [415]
 Leonard, Dan [244]
 Leonard, Daniel [38], [295]
 Leonard, Kevin [182]
 Leonard, Lorne [32]
 Leone, Mark [305]
 Lepofsky, Dana [312]
 Lercari, Nicola [16], [401]
 Lerner, Harry [17]
 Lerner, Shereen [197]
 LeRoux, Petrus [294]
 Les, James [66]
 Lesur, Joséphine [174]
 Letham, Bryn [80], [320]
 Leventhal, Alan [224], [293]
 Leventhal, Richard [218], [254]
 Levi, Laura [66]
 Levine, Marc [249]
 Levine, Marc N. [25]
 Levstik, Linda S. [236]
 Levy, Janet [187]
 Levy, Thomas [321]
 Levy, Thomas E. [241]
 Lewandowski, David [273]
 Lewarch, Dennis [195], [249], [360]
 Lewarch, Evan [360]
 Lewis, Barnaby V [225]
 Lewis, Brandon [355]
 Lewis, Jennifer [336]
 Lewis, Jenny [336]
 Lewis, Michael [276]
 Lewis, Patrick [92]
 Li, Dong [179], [283]
 Li, Dongdong [285]
 Li, Mingqi [179]
 Li, Shuicheng [37], [102]
 Li, Tao [283]
 Li, Weiya [179]
 Li, Xiaorui [286]
 Li, Xiuzhen Janice [89]
 Li, Yongxian [349]
 Li, Yu Qi [234]
 Lieb, Brad [311]
 Lieb, John F. [311]
 Liebmann, Mathew [239]
 Liebmann, Matt [81], [239]
 Liendo, Rodrigo [86]
 Lieske, Rosemary [151]
 Lieverse, Angela [131]
 Lightfoot, Emma [345]
 Lightfoot, Kent [175], [178]
 Lightfoot, Kent G. [293]
 Ligman, Michael [362]
 Lilley, Ian [13], [77]
 Lin, Kuei-chen [283]
 Lin, Yi-Xian [102]
 Lina, Zhuang [179]
 Linares, Adriana [261]
 Lincoln-Babb, Lorrie [225]
 Lindauer, Owen [278]
 Lindeman, Michael [304]
 Linderholm, Anna [28]
 Lindgren, Alexandra [336]
 Lindley, Tiffany [376]
 Lindquist, Shayna [144]
 Lindsay, Audrey [149]
 Lindsay, Ian [285], [334]
 Linduff, Kathryn [234]
 Lindzy, Annmarie [315]
 Linford, Samantha [364]
 Ling, Johan [137]
 Link, Jasmin [73]
 Linn, Erin [72]
 Lints, Andrew [373]
 Lione, Brian Michael [254]
 Liot, Catherine [189]
 Lipe, William [85], [354]
 Lipo, Carl [52], [95], [126], [191], [221], [233], [388], [409], [412]
 Lipo, Carl P. [52]
 Lippert, Dorothy [160], [255]
 Lippi, Ronald [367]
 Lipps, Jere H. [106]
 Lira-Lopez, Yamile [198]
 Liss, Brady [241]
 Lister, Diane [345]
 Litschi, Melissa [2], [11]
 Litteral, Matthew [144]
 Little, Aimee [17]
 Little, Maran E. [152]
 Littman, Robert [409]
 Liu, Chin-hsin [407]
 Liu, Li [179], [271]
 Liu, Xinyi [234], [345]
 Liu, Xu [286]
 Liu, Yu [67]
 Livarda, Alexandra [154]
 Livesay, Alison [276]
 Livingood, Patrick [3], [173]
 Liwosz, Chester [362]
 Lo, Ching-Hua [49]
 Lo, Eric [409]
 Lockett-Harris, Joshua [147]
 Lodge, Spencer [229]
 Loebel, Thomas [150]
 Loehman, Rachael [239]
 Loehman, Rachel [90], [239]
 Loendorf, Chris [225]
 Lofaro, Ellen [250]
 Loftis, Kathy [121]
 Loftus, Emma [294]
 Logan, Amanda [258]
 Lohman, Nicole [149]
 Lohse, Jon [75], [130], [183]
 Loney, Helen [50]
 Long, Emily [310]
 Longhurst, Peta [36]
 Longie, Erich [95], [336]
 Longo, Julia [11]
 Look, Cory [56]
 Looper, Matthew [191], [248]
 Loos, Lukas [100]
 Lopez, Francisco [408]
 Lopez, Karen [290]
 Lopez, Max [315]
 Lopez, Maxwell [360]
 Lopez, Oscar [408]

- Lopez Bravo, Roberto [291]
 Lopez Corral, Aurelio [180]
 López J., Julieta M. [317]
 López Lillo, Jordi A. [82]
 López Luján, Leonardo [194], [298]
 Lopez Varela, Sandra [176]
 Lopez-Finn, Elliot [307]
 Lopez-Hurtado, Enrique [232]
 López-Jiménez, Antonio [397]
 Lopez-Johnson, Amber [193]
 López-Martínez, Mariano [397]
 Lopiparo, Jeanne [412]
 Lord, Greg P. [360]
 Loren, Diana [305]
 Lorenz, Samantha [355]
 Lorenzo, Cristina [242]
 Lorrey, Andrew M. [77]
 Losey, Robert [28]
 Losey, Robert J. [28]
 Loten, H [295]
 Loubser, Johannes [34], [353]
 Loucks, Jordon [381]
 Loughlin, Michael [151]
 Loughmiller-Cardinal, Jennifer [4], [375]
 Lovata, Troy [394]
 Love, Michael [151], [172]
 Love, Sarah [201]
 Loveless, Erana [291]
 Loven, Jeremy [245]
 Lowe, Lynne [242]
 Lowery, Darrin [243]
 Lowman, Christopher [15]
 Lowry, Justin [246]
 Lowry, K. Bryce [20]
 Lozada, María Cecilia [169], [187]
 Lozada, María Cecilia [184]
 Lozano-Garíá, Socorro [129]
 Lu, Enguo [102]
 Luan, Fengshi [179]
 Lublasser, Sarah [403]
 Luby, Edward [293]
 Lucarelli, Rita [240]
 Lucas, Leilani [414]
 Lucas, Virginia [202]
 Lucero, Lisa [36]
 Ludeke, Ingrid [181]
 Lugo Mendez, Anastasia [10]
 Luke, Christina [167]
 Lullo, Sheri [234]
 Luna, Pilar [370]
 Luna Erreguerena3, Pilar [370]
 Luna Golya, Gregory [180], [364]
 Luna-Erreguerena, Pilar [370]
 Lundin, Deil [272]
 Lupo, Karen [296], [406]
 Lustig, Eileen [286]
 Lustig, Terry [286]
 Luzzadder-Beach, Sheryl [176], [350]
 Luzzader-Beach, Sheryl [350]
 Lyall, Victoria [303]
 Lyman, R. [397]
 Lynch, Elizabeth [261], [342]
 Lynch, Kerry [192]
 Lynch, Sally [60]
 Lynnerup, Niels [299]
 Lyons, James [12]
 Lyons, Michael [100]
 Lyons, Mike [100]
 Lyons, Natasha [312]
 Lyons, Patrick [278], [343]
 Lytle, Whitney [24]
 Ma, Minmin [37]
 Maas, Lauren [44]
 Mabulla, Audax [53]
 Macario, Raquel [183]
 Macdonald, Danielle [17], [210]
 MacDonald, Douglas [300]
 MacDonald, Kevin [44]
 MacDonald, Sarah [212]
 MacEachern, Scott [23]
 MacFadden, Bruce [220]
 MacFarland, Kathryn [20]
 Machado, Juliana [157]
 Machicek, Michelle [403]
 Macias, Jose Luis [151]
 Macias, Juan Ignacio [21]
 Macías-Quintero, Juan Ignacio [317]
 MacInnes, Heather [373]
 Mack, Joanne [383]
 Mack, Stephanie [364]
 Mackay, Alex [121]
 Mackenzie, Simon [279]
 MacKenzie, Mark [284]
 Mackie, Quentin [192]
 MacKinnon, Amy [332]
 MacLean, Jessica [34]
 MacLellan, Jessica [22]
 Macrae, Scott [154]
 Macri, Martha [191], [248]
 MacWilliams, A.C. [262]
 Madella, Marco [73], [176]
 Madgwick, Richard [154]
 Madime, Omar [53], [174]
 Madrid, Patricia [251]
 Madsen, Alan [276]
 Madsen, Christian [351]
 Madsen, Mark [191], [221]
 Maestri, Nicoletta [86]
 Magaloni, Diana [379]
 Magargal, Kate [119], [362]
 Magdalena, Matczak [332]
 Magnani, Matthew [94]
 Mahaney, Robert [33]
 Mahar, Ginessa [163]
 Maher, Lisa [17], [210]
 Maher, Ruth [351]
 Mahoney, Maureen [195]
 Mahoney, Nancy [98]
 Majewski, Teresita [223]
 Makarewicz, Cheryl [403]
 Makovics, Alexander [103]
 Makowiecki, Daniel [288]
 Makowski, Krzysztof [227]
 Malainey, Mary [4]
 Maldonado, Blanca [259]
 Maldonado, Jesus [339]
 Maldonado, Ronald [195]
 Maley, Blaine [112]
 Malinsky-Buller, Ariel [389]
 Malischke, LisaMarie [381]
 Mallol, Carolina [190]
 Malloy, Maureen [236]
 Maloberti, Mariana [180]
 Malpica Cuello, Antonio [47]
 Mañana-Borrazás, Patricia [409]
 Manchester, Keith [299]
 Mancilla Medina, Margarita [298]
 Manclossi, Francesca [292]
 Mandel, Rolfe [190]
 Mandujano, Carlos [156]
 Maniery, Andrea [6]
 Maniery, Mary [45]
 Manion, Jessica [170]
 Manning, Katie [191], [288]
 Manning, Nikki [311]
 Manning, Sturt [21]
 Manolakis, Laurence [211]
 Manson, Joni [95]
 Manuel, Emery F. [225]
 Manzanilla, Linda [75], [317]
 Mao, Ruilin [37]
 Maran, Joseph [25]
 Marchand, Grégor [35]
 Marciniak, Arkadiusz [348]
 Marcom, Geron [352]
 Marcone, Giancarlo [134]
 Marcum, Jill [377]

- Marcum-Heiman, Alesha [300]
 Marean, Curtis [190], [294], [356]
 Marean, Curtis W. [294]
 Marek-Martinez, Ora [34], [195]
 Margaris, Amy [68], [311]
 Marginson, Alex [121]
 Marguerie, Dominique [360]
 Maric, Tamara [388]
 Marinkovich, Erik [103], [316]
 Marinova, Elena [154]
 Mark, Robert [409]
 Marken, Damien [344]
 Markens, Robert [39], [216]
 Markham, Adam [159]
 Markova, Anastasia K. [74]
 Marks, Theodore [35]
 Markussen, Christine [47]
 Marquardt, William [152], [166]
 Marquez-Grant, Nicholas [19]
 Marquez-Morfin, Lourdes [410]
 Marsaglia, Kathleen [77], [79]
 Marsaglia, Kathleen M [391]
 Marsh, Laura [379]
 Marshall, Amanda [336]
 Marshall, Fiona [406], [414]
 Marshall, John [304]
 Marshall, Lydia Wilson [335]
 Marshall, Maureen [403]
 Marshall, Weisler [105]
 Marston, John [226]
 Marston, Mac [268]
 Martin, Debra [202], [245], [299], [380]
 Martin, Erik [362]
 Martin, Fabiana [251]
 Martin, Fabiana María [87]
 Martin, Houston [361]
 Martin, John [284]
 Martin, Juan [170]
 Martin, Kimberly [95]
 Martin, Lana [170]
 Martin, Lois [66], [187]
 Martin, Marlon [180]
 Martin, Richard [72], [302]
 Martin, Shannon [308]
 Martin, Stephanie [120]
 Martin, Terrance [280], [331], [365]
 Martin, Terrance J. [365]
 Martindale, Andrew [80], [82]
 Martindale Johnson, Lucas [412]
 Martinez, Antoinette [293]
 Martinez, Christopher [263]
 Martinez, Desiree [197]
 Martinez, Gustavo [203]
 Martinez, Julian [137]
 Martinez, Romina [103]
 Martinez, Veronica [402]
 Martínez, Antonia [366]
 Martínez, Antonio [249]
 Martínez, César Antonio [366]
 Martínez, Diana [129]
 Martínez, Estela [217]
 Martínez, Jorge G. [215]
 Martínez Lara, Mario [39]
 Martínez López, Cira [39], [216]
 Martínez Mora, Estela [231]
 Martinez Taguena, Natalia [189]
 Martínez Tufiñ, Antonio [26]
 Martínez-Cruzado, Juan [313]
 Martínez-Flores, Isay Alan [141]
 Martínez-Muñiz, Isabelle [379]
 Martínez-Yrizar, Diana [141]
 Martini, Sarah [239]
 Martinon-Torres, Marcos [89]
 Martirosyan - Olshansky, Kristine [91]
 Martisius, Naomi L. [53]
 Marwick, Ben [200], [221], [407]
 Marymor, Amy [352]
 Marymor, Leigh [352]
 Marzec, Edyta [79]
 Mashburn, L. [353]
 Mason, Andrew [192]
 Mason, Owen [302]
 Mason, Philip [177]
 Mason, Robert [79]
 Masségli, Jane [205]
 Masson, Marilyn [194], [244], [344], [413]
 Massone, Mauricio [251]
 Masucci, Maria [79], [411]
 Matadamas Gómora, Diego [298]
 Matarazzo, Tiziana [176]
 Matchett, Ash [313]
 Mathena, Sarah [220]
 Mathews, Darcy [320]
 Mathews, Jennifer [38], [295]
 Mathiowetz, Michael [189]
 Mathwich, Nicole [61]
 Matisoo-Smith, Lisa [339]
 Matos, Carlos [130]
 Matos Llanes, Carlos [24]
 Matos Moctezuma, Eduardo [346]
 Matson, R. [415]
 Matson, RG [354]
 Matsumoto, Go [353]
 Matsumoto, Yuichi [292]
 Matthews, Alan [294]
 Matthews, Neffra [342]
 Matthews, Thalassa [294], [356]
 Mattiussi, Sarah María [156]
 Mattson, Hannah [354]
 Mauk, Brandon [300]
 Mauldin, Raymond [167], [229], [276]
 Mauricio, Douglas [408]
 Mauricio, Uribe Rodriguez [318]
 May Ciau, Rossana [263], [399]
 Maybach-Blicharski, Nikkita [166]
 Mayer, Aaron [347]
 Mayes, Arion [410]
 Mayfield, Tracie [76], [147]
 Mayle, Francis [157], [226]
 Mayle, Frank [157]
 McAlister, Andrew [412]
 McAllister, Hannah [252]
 McAllister, Martin [197]
 McAnany, Patricia [86], [188], [295]
 McArthur, Dan [143]
 McCafferty, Geoffrey [170], [246]
 McCall, Grant [53], [292]
 McCarthy, Elizabeth [245]
 McCleary, Alexandra [15]
 McClellan, Whitney [416]
 McCloskey, Galen [128]
 McCloskey, Gaylen [354]
 McClung de Tapia, Emily [141]
 McClung De Tapia, Emily [141]
 McClure, Sarah [165]
 McClure, Sarah B. [91]
 McCool, Weston [162]
 McCormick, Sarah [139]
 McCorvie, Mary [353]
 McCoy, Mark [287], [388]
 McCoy, R.M. [90]

- McCutcheon, Patrick [91], [92], [121], [360]
 McDaid, Chris [325]
 McDaniel, Heather [27]
 McDonald, Erin [63]
 McDonald, H. Gregory [370]
 McDonald, Jo [138]
 McDonald, Josephine [138]
 McDougle, Alexandra [205], [238]
 McElhoes, Jennifer [95]
 McEwan, Colin [246]
 McGeough, Kevin [153]
 McGill, Dru [173]
 McGill, Kendall [7]
 McGillivray, Tegan [286]
 McGough, Alexandra [132]
 McGovern, Thomas [161], [288], [351]
 McGovern, Thomas H. [288]
 McGrath, James [324], [356]
 McGuire, Heather [397]
 McGuire, Kelly [341]
 McGuire, Randall [189], [257], [348]
 McHugh, Sean [405]
 McIntosh, Brandon [130]
 McIntosh, Susan [140]
 McKeown, Ashley [206], [264]
 McKey, Doyle [350]
 McKillop, Heather [42], [243], [413]
 McKinnon, Jennifer [72]
 McKnight, Jules [236]
 McLaren, Duncan [192]
 McLaren, Whitney [90]
 McLay, Eric [80], [152]
 McLeod, Christopher (Toby) [30]
 McManamon, Francis [5], [123]
 McManus, Ellen [337]
 McMichael, Crystal [186]
 McMurry, Sean [90], [392]
 McNabb, John [174]
 McNeil, Cameron [183], [366]
 McNeil, Jessica-Louise [121]
 McNiven, Ian [105]
 McPherron, Shannon [139], [190], [389]
 McPherron, Shannon P. [53]
 Mcrostie, Virginia [247]
 McTavish, Rachel [331]
 Means, Bernard [124], [282]
 Meanwell, Jennifer [25]
 Medina, Gilmer [78]
 Medina, Paulo [193]
 Medina-Arona, David [183]
 Medrano, Angélica María [81]
 Meehan, Pascale [153]
 Meeks, Scott [173]
 Meer, Kelsey [74]
 Megarry, Will [199]
 Mehta, Jayur [173]
 Meierhoff, James [76]
 Meissner, Nathan [219]
 Mejia-Rangel, Minerva [129]
 Mekonnen, Habtamu [379]
 Melendez, Juan [338]
 Melgar, Emiliano [346]
 Melgar Tisoc, Emiliano Ricardo [217]
 Meliconi, Ilaria [418]
 Melton, Judith [220]
 Melton, Mallory [109]
 Melton, Terry [202]
 Meltzer, David [35], [135], [296]
 Menaker, Alexander [393]
 Ménard, Clément [401]
 Mencos, Elisa [193]
 Mendelsohn, Rebecca [151]
 Méndez, César [2]
 Mendez-Quirós, Pablo [318]
 Mendizabal, Tomas [170], [381]
 Mendizábal, Tomás [170]
 Mendonça de Souza, Sheila [415]
 Menéndez, Damaris [338]
 Meniketti, Marco [44]
 Mennear, David [299]
 Mensan, Romain [181]
 Montesana, Roberta [79]
 Mentzer, Susan [35], [155], [190]
 Menzer, Jeremy [7], [8]
 Meredith, Clayton [155], [249]
 Meredith, Steven [118]
 Merewether, Jamie [85]
 Merkel, John [371]
 Merriman, Christopher [155], [223], [300]
 Merriman, Christopher W. [300]
 Merritt, Stephen [397]
 Merwin, Daria [284]
 Mesén, Róger [246]
 Mesia, Christian [371]
 Messer, Andrea [136]
 Meyer, Brian [178]
 Meyer, Dominique [355], [409]
 Meyer, Georg [33]
 Meyer, Jack [62], [293]
 Meyer, Michael [394]
 Meyers Emery, Katy [5]
 Michael, Daniel [407]
 Michelaki, Kostalena [126]
 Mickleburgh, Hayley [153], [372]
 Miguel Quesada, Francisco J. [48]
 Mihailovic, Danica [260]
 Mihailovic, Dušan [396]
 Mijangos, Tito [132], [410]
 Milbrath, Susan [303]
 Miella, Marco [299]
 Miles, Wesley [225]
 Milideo, Lauren [136]
 Miljour, Heather [343]
 Millaire, Jean-François [404]
 Millar, Donald [273]
 miller, katherine [219]
 Miller, Caitlin [165]
 Miller, Christopher [190]
 Miller, D. Shane [74], [387]
 Miller, G. Logan [331]
 Miller, Heather [241]
 Miller, Holly [339]
 Miller, Kye [48], [209]
 Miller, Mackenzie [331]
 Miller, Melanie [107]
 Miller, Melissa [171]
 Miller, Naomi [226]
 Miller, Pamela [363]
 Miller, Sarah [98], [261], [329]
 Miller, Sophie [52]
 Miller, Vera [342]
 Miller Wolf, Katherine [366]
 Miller-Sisson, Misha [24]
 Millhauser, John [25]
 Milligan, Jennifer [123], [309]
 Milligan, Jenny [3]
 Mills, Barbara [71]
 Mills, Courtney [81]
 Mills, Peter [34]
 Mills, Steve [297]
 Milne, Brooke [185]
 Milner, Nicky [17]
 Min, Rui [286]
 Minar, Jill [386]
 Minc, Leah [25], [216]
 Minnis, Paul [226]
 Minor, Elizabeth [240]
 Miraglia, Rita [302]
 Miranda, Laura [160]

- Mires, Ann Marie [19]
 Miron, Esteban [86]
 Misaka, Kazunori [145]
 Misarti, Nicole [119]
 Miss, Christian [360]
 Mistretta, Brittany [250]
 Mitchell, Douglas [209]
 Mitchell, Juliette [332]
 Mitchell, Peter [135]
 Mitchell, Spencer [103], [316]
 Mithong, Supalak [407]
 Mitnik, Alissa [396]
 Mixter, David [244], [291], [376]
 Mixter, David W. [244]
 Miyoshi, Gen [145]
 Mizoguchi, Koji [340]
 Moe, Jeanne [236]
 Moehlecke Cope, Silvia [157]
 Moges, Rezenet [310]
 Mohanty, Sudarsana [232]
 Mohlenhoff, Kathryn [119]
 Moholy-Nagy, Hattula [295]
 Mol, Angus [153]
 Molist, Miquel [16]
 Molle, Guillaume [388]
 Monge, Janet [264]
 Mongelluzzo, Ryan [295]
 Mongeló, Guilherme [326]
 Montalvo, Carlos [367]
 Montalvo, Nathan [122]
 Monteagudo, Guni [203]
 Monteith, Daniel [302], [337]
 Monteleone, Kelly [192]
 Montgomery, Lindsay [34]
 Montiel, Rafael [231]
 Montúfar López, Aurora [298]
 Moody, John [25]
 Mooney Digrius, Dawn [99]
 Moore, Andrew [334]
 Moore, Charles [192]
 Moore, David [81], [188]
 Moore, Elanie [352]
 Moore, Henrietta L. [297]
 Moore, Jacy [238]
 Moore, Jerry [11], [327]
 Moore, Roger [43]
 Moragas Segura, Natalia [39], [355]
 Morales, Carlos [408]
 Morales, Jessica [32]
 Morales, Jorge [189]
 Morales, Juan [21]
 Morales, Juan Jorge [189]
 Morales, Reinaldo [352]
 Morales Gamarra, Ricardo [303]
 Morales-Aguilar, Carlos [183], [408]
 Morales-Arce, Ana [317]
 Moran, Kimberlee [19]
 Morehart, Christopher [180]
 Morell-Hart, Shanti [38], [370]
 Morello, Flavia [251]
 Morello Repetto, Flavia [251]
 Moreno Guzmán, María Olvido [194]
 Moreno Valle, Jesús Emmanuel [156]
 Moreno-Galeana, Miguel [129]
 Morenon, Pierre [268]
 Morgan, Brooke [148]
 Morgan, Chris [410]
 Morgan, Christopher [1], [341], [410]
 Morgan, Colleen [235], [297]
 Morgan, David [29], [44]
 Morgan, Jessica [91]
 Morgan, Leah [91]
 Morgan, Sarah [90]
 Morgan, Thomas [33]
 Moriarty, Ellen [413]
 Moriarty, Matthew [413]
 Morin, Eugene [190], [396]
 Moritz, Ryan [383]
 Morris, Alan [264]
 Morris, Annelise [34]
 Morris, Ian [36], [222]
 Morrison, Alex [233], [388]
 Morrison, Alex E. [77]
 Morrison, Alexander E. [412]
 Morrison, Bethany [38]
 Morrow, Juliet [185]
 Morrow, Sara [273], [315]
 Morton, Ethan [300]
 Moses, Sharon [19]
 Moses, Victoria [51]
 Moshenska, Gabriel [235], [290]
 Mosher, M. J. [415]
 Moss, Madonna [415]
 Mothes, Patricia [46]
 Motsinger, Thomas [209]
 Motta, Laura [54]
 Motuzaite Matuzeviciute, Giedre [345]
 Mountjoy, Joseph [189], [352]
 Moutsiou, Theodora [260], [412]
 Moy, Rachel [53]
 Moyer, Teresa [83]
 Moyes, Holley [193], [355]
 Mrozowski, Stephen [340]
 Mt. Joy, Kristen [70], [363]
 Muckle, Robert [99]
 Mudar, Karen [83]
 Mueller, Melissa [112]
 Muller, Antoine [33]
 Mullins, Patrick [11], [404]
 Mulrooney, Mara [412]
 Munoz, Cynthia [229], [276]
 Munoz, Lizette [347]
 Munoz, Victoria [353]
 Muñoz, Gaspar [242]
 Muñoz, Maria De [129]
 Muñoz, Victoria [353]
 Muñoz, Victoria L. [149]
 Muñoz Rojas, Lizette [347]
 Munro, Kimberly [250]
 Munro, Natalie [40]
 Munson, Jessica [191], [248]
 Murakami, Tatsuya [317]
 Muro, Luis Armando [411]
 Muros, Vanessa [121], [140]
 Murphy, Amanda [265]
 Murphy, Beau [247]
 Murphy, Charlene [414]
 Murphy, Elizabeth [398]
 Murphy, John [84]
 Murphy, Liam [315]
 Murphy, Melissa [81]
 Murphy, Reg [56]
 Murphy, Terence [127]
 Murphy IV, Timothy [143]
 Murray, John [93]
 Musser-Lopez, Ruth [352]
 Mussington, John [290]
 Musteata, Sergiu [199]
 Muzzall, Evan [207]
 Myers, Emlen [381]
 Myers, Jordan [333]
 Myers, Kelsey Noack [125]
 Myles, Franc [315]
 Mytum, Harold [177]
 Nadal de Masi, Marco [157]
 Nadeau, Jaclyn [171]
 Nadel, Dani [342]
 Nadel, Daniel [342]
 Nagaoka, Lisa [228], [272]
 Naidoo, Navashni [294]
 Najjar, Mohammad [241]
 Nakazawa, Yuichi [115]
 Napolitano, Matthew [178]
 Naranjo, Alden [369]
 Narvaez, Alfredo [78]
 Narvaez, L. Alfredo [78]
 Nash, Donna [250], [347]
 Nash, Sean [171]

- Nash, Stephen [27], [90], [223]
 Nassaney, Michael [405]
 Naudinot, Nicolas [35]
 Nauman, Alissa [10], [92], [312], [360]
 Nava, Alberto [370]
 Navarro, Mariana [249]
 Navarro Castillo, Marx [151]
 Navarro-Farr, Olivia [95], [205], [249], [306], [338]
 Navas, Ana [371]
 Nazarov, Adam [185]
 Neal, Lynn [48]
 Nedelcheva, Petranka [211]
 Neeley, Michael [300]
 Neely, James [241]
 Neff, Hector [79], [133], [151], [358]
 Neffe, Angelique [139]
 Negre, Joan [176]
 Negrino, Fabio [181]
 Nehlich, Olaf [337]
 Neiman, Fraser [228]
 Neitzel, Jill [229]
 Nelson, Amy [150]
 Nelson, Ben [21], [273]
 Nelson, Ben A. [166]
 Nelson, Elizabeth [415]
 Nelson, Erin [289]
 Nelson, Greg [238]
 Nelson, Margaret [288], [351]
 Nelson, Margaret C. [167]
 Nelson, Matthew [300]
 Nelson, Norman [390]
 Nelson, Peter [34], [224], [268]
 Nelson, Sarah [104]
 Nelson, Shaun [70]
 Nelson, Wendy [415]
 Nelson, Zachary [136]
 Neme, Gustavo [91]
 Neri, Francesca [12]
 Nesbitt, Ryan [415]
 Nesbitt, Jason [292]
 Nespoulet, Roland [181]
 Netherly, Patricia [411]
 Neubauer, Fernanda [280]
 Neurath, Johannes [379]
 Neusius, Sarah [69]
 Neuzil, Anna [278]
 Neves, Eduardo [157], [186], [348]
 Neviska, Reagan [314]
 New, Briana [204]
 Newcomb, Elizabeth [274]
 Newland, Michael [106], [159]
 Newlander, Khori [185]
 Newman, Elizabeth [76]
 Newman, Sarah [22]
 Newsom, Lee [339]
 Newsome, Seth [163]
 Newson, Paul [325]
 Nez, Nanabah [374]
 Ng, Chuenyan [345]
 Ng, Siu Ying [165]
 Nials, Fred [55], [92]
 Nicholas, George [42], [340]
 Nicholas, Linda [216]
 Nichols, Deborah [144], [194]
 Nicholson, Daniel [378]
 Nicolas, Richard [355]
 Nicole Boudreaux, Sarah [316]
 Nielsen, Christina [256]
 Nielsen, Jesper [88]
 Nielsen, Michael [351]
 Nielsen-Grimm, Glenna [408]
 Niespolo, Elizabeth [126]
 Nightingale, Sheila [174]
 Nightingale, Shiela [118]
 Nigra, Benjamin [169]
 Nims, Reno [168]
 Nissley, Claudia [197]
 Nivens, Joelle [53]
 Nkirote, Freda [194]
 Noack Myers, Kelsey [125]
 Noah, Mark [132]
 Noble, Gordon [332]
 Noble, Tom [342]
 Nohe, Sarah [261]
 Nolan, Kevin [9], [280]
 Noldner, Lara [85]
 Noll, Christopher [6]
 Noriega, Aldo [227]
 Norman, Garth [130]
 Norman, Neil [177]
 Norman, V. Garth [249]
 North, Darsita [277]
 Notroff, Jens [16]
 Novak, Grant [358]
 Novelo Perez, Maria Jesús [24]
 Novelo Rincón, Gustavo [183]
 Novic, Juliana [237]
 Novotny, Anna [338]
 Novotny, Claire [188]
 Nowak, Jesse [8]
 Nowell, April [64]
 Nowell, Sarah [312]
 Nuevo Delaunay, Amalia [2], [251]
 Nugent, Selin [380]
 Núñez, Luis [86]
 Núñez Aparcana, Bryan [232]
 Núñez-Cortés, Yajaira [246]
 Nystrom, Kenneth [299]
 Oas, Sarah [167]
 OBoyle, Robert [336]
 OBoyle, Virginia M. [95]
 O'Boyle, Robert [95]
 OBrien, Lauren [273]
 O'Brien, Matthew [148]
 O'Brien, Michael [89], [124], [191]
 O'Carroll, Finola [332]
 Ochoa-Winemiller, Virginia [213]
 O'Connell, James [296]
 O'Connell, Tamsin [345]
 O'Connor, Ariel [37]
 O'Connor, John [233]
 O'Connor, Sue [407]
 Oda, Noriyoshi [53]
 Odell, Molly [311]
 Odewale, Alicia [44]
 Oesch, Karla [275]
 Oestmo, Simen [356]
 Offenbecker, Adrianne [328]
 Ogburn, Dennis [247]
 Ogiogwa, Joan-Mary [149]
 OGorman, Jodie [365]
 O'Gorman, Jodie [365]
 O'Gorman, Jodie A. [365]
 O'Grady, Patrick [35]
 O'Hagan, Terry [315]
 O'Hara, John [395]
 O'Hear, John [8]
 Ohman, Alexis [56]
 Oka, Rahul [335]
 Okray, Jillian [265]
 Oland, Maxine [244]
 Olano, Jorge [31]
 O'Leary, Owen [48]
 Oleksyk, Taras [313]
 olguin, Laura [2]
 Oliva, Fernando [185]
 Oliveira, Hugo [345]
 Olivier, Guilhem [298]
 Ollivier, Aaron [35]
 Olsen, Erica [188]
 Olson, Elizabeth [333]
 Olson, Kyle [402]
 Olszewski, Deborah [64]
 O'Meara, Kathleen M. [287]
 Ontiveros, Joseph [197]
 Opitz, Rachel [5], [84]
 Oram, Richard [288]
 Ordoñez, Maria [367]
 Ore Menendez, Gabriela [287]
 Origer, Thomas [383]
 Orog, Alfredo [238]
 O'Rourke, Dennis [328]

- Orozco, Joseph [193], [355]
 Orrego Corzo, Miguel [242]
 Ort, Jennifer [281]
 Ortega, Allan [413]
 Ortega, Beatriz [129]
 Ortega, Cristina [243]
 Ortega, Edgar [408]
 Ortiz, Agustin [176]
 Ortiz, Jose Raul [196]
 Ortiz Barrera, Rosa [156]
 Ortiz Ruiz, Maria [399]
 Ortiz Tenorio, Laura Angélica [298]
 Ortmann, Scott [95], [229], [348]
 Osborne, James [287]
 Oshant Hawkins, Trica [83]
 O'Shea, John [192]
 O'Shea, John [280]
 Osing, Natasha [67]
 Ostahowski, Brian [319]
 Ostapkowicz, Joanna [387]
 Oster, Elizabeth [81]
 Osterholtz, Anna [245]
 Osztas, Anett [348]
 Otárola-Castillo, Erik [139]
 Otis Charlton, Cynthia [76]
 Ott, Aaron [249]
 Ouetcho, André-John [77]
 Overholtzer, Lisa [253]
 Overly, Stephen [138]
 Overmann, Karenleigh [33]
 Owen, Bruce [184]
 Owens, Andrew [8]
 Owens, Hannah [302]
 Ownby, Mary [79], [304]
 Oyuela-Caycedo, Augusto [107]
 Özkaya, Vecihi [16], [91]
 Ozorio De Almeida, Fernando [326]
 Pacheco Gonzalez, Marco [409]
 Pacheco-Cobos, Luis [28]
 Pacheco-Fores, Sofia [247]
 Pacifico, David [237]
 Pack, Frankie [204]
 Pacyga, Johanna [398]
 Padilla, Liliana [263]
 Padon, Beth [390], [418]
 Page, Katherine [207]
 Pagliaro, Jonathan [244]
 Pailles, Matthew [92], [178], [257]
 Painter, Jeff [365]
 Painter, Jeffrey [365]
 Painter, Jeffrey M. [365]
 Paiz, Lorena [196]
 Palacios Linares, Jonathan [227]
 Palacios-Fest, Manuel [55]
 Paling, Jason [246], [292]
 Palka, Joel [76], [158]
 Pallier, Céline [35]
 Palmer, Carol [210]
 Palo, Jukka [78]
 Palumbo, Scott [170], [246]
 Pan, Feifei [272]
 Panagakos, Anastasia [385]
 Panagiotakopulu, Eva [256]
 Panich, Lee [175]
 Pantel, Agamemnon [132]
 Papadimitriou, Alkestis [25]
 Papadopoulos, John [36]
 Paquette, James [280]
 Parcak, Sarah [279]
 Parceros-Oubiña, César [180], [409]
 Parfitt, Anne [91]
 Pargeter, Justin [356]
 Paris, Elizabeth [291]
 Paris, Elizabeth H. [291]
 Parish, Ryan [185], [215], [292]
 Park, Robert [185]
 Parker, Bradley [398]
 Parker, Christopher [119], [296]
 Parker, Dawn [221]
 Parker, Evan [113]
 Parker, Kathryn [280], [380]
 Parkinson, William [211]
 Parkinson, William A. [47]
 Parkman, Breck [30]
 Parr, Christopher [70]
 Parrish, Allison [93]
 Parrish, Otis [392]
 Parsons, Jeffrey [141]
 Pascal, Camila [198]
 Pascual Soto, Arturo [198]
 Paskey, Amanda [385]
 Pasqual, Theresa [197]
 Passalacqua, Nicholas V. [332]
 Patania, Ilaria [53], [333]
 Patel, Shankari [146]
 Pateman, Michael [387]
 Patterson, Nick [396]
 Patterson, Tamatha [331]
 Patterson, Thomas [146]
 Patterson, Winona [273]
 Pauketat, Timothy [1], [237], [305], [348]
 Pavao-Zuckerman, Barnet [83]
 Pavia, Jenni [77]
 Pavlu, Ivan [82]
 Pawlowicz, Leszek [171]
 Payne, Jennifer [276]
 Payne, Sarah [188]
 Paynter, Robert [405]
 Pazan, Kyra [331]
 Pazmino, Estanislao [367]
 Pazmiño, Estanislao [367]
 Peacock, Evan [284], [321]
 Pearlstein, Ellen [121]
 Pearsall, Deborah [226]
 Pearson, Charles [192]
 Peart, Jonathan [361]
 Peate, David [53]
 Pebe, Edines [247]
 Pecci, Alessandra [176]
 Pedersen, Jeannine [106]
 Pederson Weinberger, Jennifer [29]
 Pedler, David [331]
 Peel, Sarah [175], [310]
 Peeples, Matt [335]
 Peeples, Matthew [278]
 Pelegrino, Constanza [318]
 Pello, Brendan [128]
 Pelton, Spencer [122]
 Pena, Angel [273]
 Peña, Jose [46]
 Pendergast, David [147], [295]
 Peniche May, Nancy [24]
 Penkman, Kirsty [294], [356]
 Penny, Dan [36], [407]
 Pentney, Sandra [106]
 Pepponi, Giancarlo [185]
 Peraza Lope, Carlos [303], [344]
 Perdikaris, Sophia [290]
 Perea, Ema [250]
 Pereda, Maria [73]
 Pereira, Gregory [158]
 Pereira, Telmo [356]
 Pereira Furquim, Laura [326]
 Peres, Tanya M. [8]
 Perez, Griselda [306]
 Perez, Juan Carlos [306]
 Perez, Kelita [169]
 Perez, Nora Ariadna [399]
 Pérez, Griselda [338]
 Pérez, Verónica [249]
 Pérez Iglesias, Lourdes [339]
 Pérez Pérez, Julia [298]
 Perez Rodriguez, Veronica [26]

- Pérez Suarez, Tomás [242]
 Perez Trujillo, Amelia [393]
 Perez-Juez, Amalia [93], [329], [418]
 Peréz-Ramírez, Gerardo [129]
 Perhay, Nathaniel [312]
 Perlingieri, Cinzia [379]
 Peros, Matthew [313]
 Perreault, Charles [191]
 Perri, Angela [28]
 Perrotti, Angelina [119]
 Perry, Gareth [79]
 Perry, Jennifer [32]
 Perry, Megan [380]
 Pesesse, Damien [181]
 Pestle, William [152], [203]
 Peters, Ann [187]
 Peters, Joris [16]
 Petersen, Andrew [409]
 Peterson, Christian [36], [82]
 Peterson, Cynthia L. [43]
 Peterson, Elizabeth [245]
 Peterson, John [119], [238]
 Peterson, Staffan [29]
 Peto, Akos [309]
 Petraglia, Mike [33]
 Petrie, Cameron [345]
 Petrus, Joseph [140]
 Pett, Daniel [235]
 Pevny, Charlotte [275]
 Pezzarossi, Guido [76], [108]
 Pezzutti, Florencia [21]
 Pfaffenberger, Bryan [241]
 Pfau, Justin [300]
 Pfeiffer, Susan [372]
 Phelps, Danielle [189]
 Phillips, Cassidy [7]
 Phillips, Erin [173]
 Phillips, James [40]
 Phillips, Laura [168]
 Phillips, Lauren [355]
 Phillips, Scott [361]
 Pi, Teresa [399]
 Picard, Jennifer [331]
 Piccini, Angela [297]
 Picha, Paul [230]
 Picin, Andrea [389]
 Pickard, Catriona [40]
 Pierce, Daniel [189]
 Pierce, Karen [147]
 Pierce, Madison [309]
 Pierce, Wendy [41]
 Pierson, Michele [245]
 Pierson, Nancy Kay [10]
 Pikirayi, Innocent [285]
 Pilaar Birch, Suzanne [322], [377]
 Pilles, Peter [277], [282]
 Pilles, Peter J. [277]
 Pinilla, José [187]
 Pink, Jeremias [216]
 Pino, Mariela [409]
 Pintar, Elizabeth [215]
 Pinto, Lourenco [149]
 Piombino-Mascoli, Dario [299]
 Piperno, Dolores [170], [186], [226]
 Piqueras, Ricardo [170]
 Piscitelli, Matthew [22]
 Pitblado, Bonnie [223], [300], [329]
 Pitblado, Bonnie L. [300]
 Pitezel, Todd [245]
 Pitt, Fiona [201]
 Pittman, Lydia [274]
 Plank, Shannon [24], [183]
 Plannette, Carol [27]
 Plankett, Dave [360]
 Plourde, Aimee [14]
 Pluckhahn, Thomas [26], [79], [328]
 Plumlee, R. Scott [225]
 Plunket, Patricia [303]
 Plunksowski, Aleksander [288]
 Poehler, Eric [5], [59]
 Pohl, John [39], [81], [259]
 Pokotylo, David [188]
 Politis, Gustavo [135], [250]
 Polk, Michael [160]
 Pollack, Rebecca [236]
 Pollard, Helen [194]
 Pollard, Mark [49], [402]
 Polyukhovych, Yuriy [191], [248]
 Pompei, Paz [91]
 Pontón, Nydia I. [394]
 Pool, Christopher [151]
 Pool, Kelly [282]
 Pool, Michael [274]
 Popa, Alexandru [199]
 Pope, Melody [43]
 Popenoe Hatch, Marion [242]
 Popescu, Gabriel [389]
 Popp, Brian [191]
 Porter, Samantha [94], [121]
 Portillo, Marta [309]
 Portillo Ramirez, Marta [309]
 Ports, Kyle [248], [266], [316]
 Posadas Vidales, Lylham [311]
 Poston, Victoria [193]
 Poteate, Aaron [52], [105]
 Potrebica, Hrvoje [177]
 Potter, Ben [302], [360]
 Potter, James [85]
 Potter, Stephen [29]
 Pottier, Christophe [36], [349]
 Potts, Alastair [294]
 Poulmarc'h, Modwene [401]
 Power, Robert C. [415]
 Powis, Terry [24], [58], [147], [295]
 Pozorski, Shelia [378]
 Pozorski, Thomas [66], [378]
 Prado, Marvin [408]
 Praetzelis, Adrian [45], [416]
 Praetzelis, Mary [117], [416]
 Pratt, Darrin [68]
 Pratt, Jordan [52], [150]
 Pratt, Suzanna [50]
 Pratt, William [46], [307]
 Prehal, Brenda [351]
 Premo, Luke [84], [191]
 Prendergast, Mary [105]
 Prentiss, Anna [312], [330]
 Prentiss, Anna Marie [228], [312]
 Prescott, Christopher [218]
 Prevost, Marie-Annick [268]
 Prevosti, Francisco J. [87]
 Price, Gypsy [397]
 Price, Heather [62]
 Price, Neil [57], [116]
 Price, T. Douglas [413]
 Price Steinbrecher, Barry [239]
 Prieto, Gabriel [404]
 Pritchard, Erin [353]
 Prociuk, Nadya [417]
 Proctor, Alison [192]
 Proctor, Lindsey [264]
 Prout, Michael [355]
 Prufer, Keith [155], [248], [249], [288]
 Pryce, Thomas Oliver [140]
 Prządka Giersz, Patrycja [227]
 Przelomska, Natalia [345]
 Przystupa, Paulina [7]
 Puckett, Neil [243]
 Pugh, Tim [219]
 Pugh, Timothy [219]
 Pugliese, Francisco [326]
 Pugliese, Francisco Antonio [326]
 Pullen, Alexander [31]
 Pulsifer, Peter [288]

- Punzo, Jose Luis [189]
 Punzo, José Luis [231]
 Punzo Díaz, Jose Luis [231]
 Punzo Díaz, José Luis [156]
 Purcell, David [48]
 Purdue, Louise [84]
 Purdy, Barbara [220]
 Purser, Margaret [392]
 Purtzer, LeAnn [276]
 Puseman, Kathryn [300]
 Putt, Shelby [122]
 Puzachenko, Andrey Y. [74]
 Pyburn, Anne [147], [236], [350]
 Pye, Jeremy [204]
 Qin, Ling [186]
 Qin, XiaoLi [37]
 Qin, Zhen [283]
 Quackenbush, William [195]
 Qualls, Catherine [359]
 Quates, Duane [43]
 Quesada, Marcos [180]
 Quezada, Osiris [198]
 Quicksall, Andrew [230]
 Quilter, Jeffrey [404]
 Quinlan, Angus [352]
 Quinn, Allen [331]
 Quinn, Colin [54], [246]
 Quinn, James [195]
 Quinn, Patrick [89], [310]
 Quintana, Patricia [370]
 Quintana Morales, Erendira [154]
 Quintus, Seth [233]
 Raczek, Teresa [292]
 Radde, Hugh [27]
 Radermacher, Matthew [260]
 Radivojevic, Miljana [89]
 Radovanovic, Ivana [40], [74]
 Radovic, Marija [89]
 Radu, Valentin [401]
 Rae, Brianna [281]
 Rafferty, Kevin [352]
 Raffield, Ben [57]
 Rafuse, Daniel [250]
 Raghavan, Maanasa [337]
 Ragsdale, Corey [217], [346]
 Raharijaoana, Victor [20]
 Raharijaona, Victor [142]
 Railey, Jim [67]
 Raimond, Christine [350]
 Rains Clauss, Lee [224]
 Raja, Mussa [53], [174]
 Rakita, Gordon [161], [245]
 Ramirez, Alfredo [232]
 Ramírez, Felipe [141]
 Ramirez Muñoz, Favio William [134]
 Ramirez-Sánchez, Felipe [409]
 Ramirez-Urrea De Swartz, Susana [189]
 Ramon Celis, Pedro [111]
 Ramos, Jorge [366]
 Ramos, Martha [11]
 Ramos Madrigal, Jazmín [229]
 Randall, Asa [348]
 Randall, Lindsay [93]
 Ranere, Anthony [186]
 Ranhorn, Kathryn [122]
 Ranhorn, Kathryn L. [356]
 Rankin, Amanda [386]
 Rankin, Caitlin [359]
 Ranoli Oñasojle, Ishiba [409]
 Ranzi, Alceu [157]
 Rao, K.P. [101], [402]
 Rareshide, Elisabeth [27]
 Raschkow, Wanda [29]
 Rasic, Jeffrey [8]
 Raslich, Frank [365]
 Raslich, Nicole [95]
 Rasmussen, Amanda [120]
 Rasmussen, Josephine [218]
 Rassman, Knut [47]
 Rath, Pip [412]
 Rath, Will [362]
 Raubenheimer, David [415]
 Ravielle, Maria [5]
 Ray, Erin [10]
 Razeto, Jorge [318]
 Reagan, Andrew [15]
 Reardon, Jim [90]
 Reber, Eleanora [417]
 Reddy, Seetha [41], [175]
 Redmount, Carol [240]
 Reed, Denne [161]
 Reed, Lori [79]
 Reed, Paul [382]
 Reed, William [329]
 Reeder-Myers, Leslie [105], [120]
 Reedy, Chandra [284]
 Reedy, Chelsea [122]
 Reents-Budet, Dorie [344]
 Reese, Elena [416]
 Reese, Kelsey [287], [330]
 Reese-Taylor, Kathryn [306]
 Reetz, Elizabeth [43], [98]
 Reeves, Daniel [143]
 Reeves Flores, Jodi [123], [353]
 Reff, Daniel [257]
 Regnier, Amanda [173]
 Rehren, Thilo [89], [411]
 Reich, David [396]
 Reichardt, Stephen [7]
 Reid, Connie [308]
 Reid, David [149]
 Reid, Kenneth [300]
 Reider, Kevin [30]
 Reilly, Frank [306]
 Reilly, Kent [182]
 Reindel, Markus [31], [100]
 Reinhard, Andrew [235]
 Reinhard, Karl [127]
 Reinhardt, Eduard [112], [370]
 Reinhart, Katrinka [67]
 Reinhold, Alexander [385]
 Reinicke, Kris [118]
 Reitz, Elizabeth [178]
 Reitze, William [148], [364]
 Reitze, William T. [364]
 Remondino, Fabio [100]
 Ren, Minghua [294]
 Ren, Xiaoyan [345]
 Renard, Delphine [350]
 Rendell, Luke [33]
 Rennaker, Patrick [168]
 Renteria, Rebecca [128], [354]
 Reuther, Josh [360]
 Reveles, Javier [189]
 Reyes, Omar [2]
 Rhode, David [341]
 Rhodes, Sara [397]
 Rice, Don [413]
 Rice, Glen [278], [304]
 Rice, Prudence [158], [219], [413]
 Rich, Fredrick [178]
 Rich, Michelle [255], [306]
 Richard, Francois [305]
 Richard, François [398]
 Richards, Gary [132]
 Richards, John [301]
 Richards, Julian [123], [221], [297]
 Richards, Michael [80]
 Richards, Mike [337]
 Richards, Nicholas [301]
 Richards, Patricia [305]
 Richardson, Karimah [27]
 Richardson, Leesha [294]
 Richardson, Lorna-Jane [200], [222], [235]
 Richards-Rissetto, Heather [5], [100], [289]
 Richerson, Peter [1], [191]
 Richter, Tobias [210]

- Rick, Torben [32], [105], [163], [339]
 Riebe, Danielle [391]
 Riel-Salvatore, Julien [53], [181], [407]
 Rieth, Christina [43]
 Rieth, Timothy [77], [191]
 Rigano, Aryel [85]
 Riggs, Casey [272]
 Riggs, Erin [15]
 Riggs, Matt [15]
 Riley, Jenny [164]
 Riley, Tim [352]
 Rinck, Brandy [10], [190]
 Rincon Mautner, Carlos [193]
 Ringberg, Jennifer [404]
 Ringelstein, Austin [27]
 Rios, Jorge [111]
 Ríos Allier, Jorge Luis [111]
 Ripley, Jessa [204]
 Riris, Phil [157]
 Rissetto, John [185]
 Rissolo, Dominique [38], [355], [370], [413]
 Rittenour, Tammy [6], [321]
 Rittenour, Tammy M. [10]
 Ritterbush, Lauren [98]
 Ritz, Crilly [358]
 Rivera, Angel [111], [410]
 Rivera, Iran [141]
 Rivera, Mario [333]
 Rivera Guzmán, Angel Iván [88]
 Rivera-Claudio, Hector [290]
 Rivera-Collazo, Isabel [290]
 Rivers Cofield, Sara [123]
 Rizvi, Uzma [104], [142]
 Roberts, Charlotte [299]
 Robertshaw, Peter [194]
 Robertson, James [280]
 Robertson, Robin [413]
 Robinson, David [3], [143], [243]
 Robinson, Erick [40]
 Robinson, Eugenia [196]
 Robinson, Jess [255]
 Robinson, Tucker [354]
 Robles, Fernando [413]
 Robles Cortés, Erika [298]
 Robles Garcia, Nelly [26], [111]
 Rocek, Thomas [82]
 Rockman, Marcy [83], [106], [159]
 Roddick, Andrew [104], [252], [411]
 Rodgers, Kendra [149]
 Rodning, Christopher [81], [104], [188]
 Rodrigues, Antonia [163], [312]
 Rodrigues, Teresa [225]
 Rodriguez, Carol [134]
 Rodriguez, Enrique [393]
 Rodriguez, Erin [15]
 Rodriguez, Iraida [300]
 Rodriguez, Agustín [78]
 Rodríguez Mota, Francisco [21]
 Rodriguez Suarez, Roberto [313]
 Rodríguez Zariñán, Nora [21]
 Rodriguez-Rellan, Carlos [137], [353]
 Rogers, Jason [360]
 Rogers, Michael [124]
 Rogers, Thatcher [245]
 Rogge, A. E. [273]
 Rogoff, David [307]
 Rohlwing, Kathryn [220]
 Rojas, Alexis [107]
 Rojas, Andrea [196]
 Rojas Pelayo, Lisseth [208]
 Roksandic, Ivan [313]
 Roksandic, Mirjana [313], [396]
 Rolbiecki, David [363]
 Rolett, Barry [77]
 Romanowska, Iza [84]
 Romero, Freddie [106], [224]
 Romero, Sergio [242]
 Rondeau, Michael [35]
 Rondelli, Bernardo [73]
 Roney, John [262]
 Ronsairo, Karleen [323]
 Rooney, Clete [44]
 Roos, Christopher [52], [159], [230], [239]
 Roos, Christopher I. [239]
 Roosevelt, Anna [353]
 Roosevelt, Christopher [167]
 Roper, Donna [79]
 Rorabaugh, Adam [92], [114]
 Rosales-Tham, Teresa [347]
 Roscoe, Paul [228], [285]
 Rose, Chelsea [12], [45]
 Rose, John [6]
 Rosen, Arlene [334]
 Rosen, Steven [292]
 Rosenberg, Danny [91], [342]
 Rosenberg, Michael [228]
 Rosenfeld, Silvana [406]
 Rosenstein, Dana Drake [239]
 Rosenswig, Robert [151]
 Rosenthal, Jeff [293]
 Rosenthal, Jeffrey [383]
 Rosenzweig, Melissa [305]
 Rosero, Paulina [367]
 Rosiles Hernandez, Sara [144]
 Roskin, Joel [368]
 Ross, Ann [132], [384]
 Ross, Shawn [40]
 Ross, Wendy [29]
 Rossen, Jack [109]
 Rossi, Franco [303]
 Rostain, Stéphen [180]
 Roth, Barbara [138], [276]
 Rouse, Lynne [291]
 Rowe, Marvin [284]
 Rowe, Matthew [35]
 Rowe, Robert [155]
 Rowe, Sarah [188], [367]
 Rowley, Charlotte [17]
 Roze, Jennifer [110]
 Ruane, Jonathan [193]
 Rubin de Rubin, Julio Cezar [155]
 Robinson, Samantha [390]
 Rubinstein, Emily [10]
 Rubio, Xavier [73]
 Rubio-Campillo, Xavier [73]
 Ruck, Lana [33], [246]
 Rucker, Collin [155]
 Ruebens, Karen [389]
 Ruhl, Donna [166], [201]
 Rühli, Frank [264]
 Ruiz Y Costello, Donna [277]
 Ruiz-Correa, Salvador [346]
 Ruiz-Perez, Javier [176]
 Rumold, Claudia [162]
 Runggaldier, Astrid [244]
 Runken, Zhou [179]
 Rupp, Elizabeth [29]
 Rush, Laurie [43]
 Rusk, Mark [311]
 Russell, Bradley [338]
 Russell, Will [278], [324]
 Russo, Michael [284]
 Rutecki, Dawn [269], [330]
 Rutherford, Allen [227]
 Rutz, Matthew [14]
 Ruvalcaba, Jose [399]
 Ruvalcaba, Jose Luis [399]
 Ruvalcaba Sil, José Luis [194]
 Ryan, Ethan [312]
 Ryan, Joseph [145]
 Ryan, Stacy [278]

- Ryan, Susan [22], [85]
 Sablin, Mikhail V. [28]
 Sabloff, Jeremy [344]
 Sabol, Donald [8]
 Sacks, Ben [28]
 Safi, Kristin [8], [287]
 Safronov, Alexander [86]
 Sagebiel, Kerry [147]
 Sahle, Yonatan [174]
 Sahlen, Daniel [89]
 Sailors, Damion [233]
 Sajantila, Antti [78]
 Sakai, Masato [31]
 Sakai, Sachiko [133], [151], [358]
 Sala, Nohemi [87]
 Salazar, Diego [2], [152], [180]
 Salazar, Julian [82]
 Salazar-García, Domingo Carlos [415]
 Saldaña, Julio [60]
 Saldaña, Melanie [355]
 Salesse, Kevin [207]
 Salletta, Maria José [251]
 Salgán, Laura [91]
 Salinas Acero, Jennifer [107]
 Salmon Schreck, Kelsey [162]
 Salomon, Hélène [181]
 Salpêtre, Matthieu [73]
 Saltonstall, Patrick [311]
 Saltzman, Teresa [30]
 Salyers, Kimberly [24]
 Samei, Siavash [402]
 Samillán Torres, César [371]
 Samiratedu, Mehmet [178]
 Samolczyk, Mary [155]
 Sampson, Christina [275]
 Samson, Alice [288]
 San Roman, Manuel [251]
 Sanchez, Gabriel [103]
 Sanchez Miranda, Guadalupe [189]
 Sand, Christophe [77]
 Sandberg, Paul [410]
 Sanders, Mariana [119]
 Sanders, Thomas [30]
 Sandgathe, Dennis [35], [53], [190]
 Sandor, Jonathan [180]
 Sandor, Shana [12]
 Sandoval, Cindy [231]
 Sandoval Mora, Cindy Cristina [156]
 Sands, Robert [199]
 Sandstrom, Alan [194]
 Sandweiss, Daniel [334]
 Sanger, Matthew [400]
 Sanger, Matthew C. [178]
 Santana Cabrera, Jonathan [116]
 Santana Sagredo, Francisca [378]
 Santarone, Paul [361]
 Santasilvia, Catharina [24]
 Santasilvia, Catharina [338]
 Santiago, Rey [238]
 Santini, Lauren [193]
 Santos Ramírez, Victor Joel [156]
 Santy, Jenna [41]
 Sarich, Steven [126]
 Sartin, Sunnie [273]
 Sasaki, Ken-ichi [145]
 Sassaman, Kenneth [348], [400]
 Satterlee, Ashton [274]
 Saturno, William [193], [303], [350]
 Saucedo, Ricardo [151]
 Sauza, Maximiliano [144]
 Savage, Dan [48], [316]
 Savage, Daniel [316]
 Sawyer, Alicia [9]
 Sayre, Matthew [186], [347]
 Scales, Mary [8]
 Scaramelli, Franz [371]
 Scaramelli, Kay [371]
 Scarborough, Vernon [295], [334]
 Scarbrough, Todd [273]
 Scarlett, Timothy James [126]
 Scarlett, Timothy James [126]
 Scarre, Chris [334]
 Scattolin, Maria [371]
 Schaafsma, Curtis [137]
 Schaafsma, Polly [189]
 Schaafsma, Polly [137]
 Schaan, Denise [157]
 Schach, Emily [378]
 Schachner, Gregson [335]
 Schaeffer, Bryan [259]
 Schaepe, David M. [162]
 Schaezel, Randall [280]
 Scharf, Elizabeth [162]
 Scharlotta, Ian [391]
 Scheder Black, Ash [5], [396]
 Scheffran, Jürgen [73]
 Scheiber, Laura [361], [406]
 Scheiter, Simon [294]
 Schelberg, John [282], [354]
 Scher, Sarahh [187]
 Scherer, Andrew [158], [344]
 Scherer, Andrew K. [86]
 Schick, Kathy [215]
 Schieber de Lavarreda, Christa [242]
 Schieppati, Frank [352]
 Schier, Wolfram [348]
 Schiffer, Michael [241], [343]
 Schilling, Tim [29]
 Schilling, Timothy [29]
 Schilt, Flora [155]
 Schjellerup, Inge [78]
 Schlagheck, John [416]
 Schleher, Kari [85]
 Schlerer, Kari [121]
 Schmader, Matthew [81], [312]
 Schmaus, Tekla [397]
 Schmid, Magdalena [321]
 Schmidheiny, Martin [327]
 Schmidt, Caroline [292]
 Schmidt, Mary [94]
 Schmidt, Peter [340]
 Schmitt, Dave [296]
 Schneider, Anna [273]
 Schneider, Tsim [175]
 Schnell, Joshua [204]
 Schnieder, Joan [418]
 Schnorr, Stephanie L. [415]
 Schober, Theresa [372]
 Schoeman, Maria [177]
 Schoenemann, P. [33]
 Schoeninger, Margaret [110]
 Schoeninger, Margaret J. [166]
 Schoepflin, Lisl [247]
 Schofer, Jeanne [282]
 Schollmeyer, Karen [34], [69], [85], [262], [278], [334]
 Scholnick, Jonathan [191], [248]
 Scholze, Gary [41]
 Schomberg, Roman [87]
 Schon, Robert [417]
 Shortman, Edward [314]
 Schott, Amy [364]
 Schoville, Benjamin [356]
 Schrader, Sarah [205]
 Schreg, Rainer [93], [170]
 Schreiner, Thomas [408]
 Schrenk, Alecia [299]
 Schriever, Bernard [274]
 Schroder, Whittaker [86]
 Schroeder, Hannes [116]
 Schubert, Ashley [173]
 Schubert, Blaine W. [370]
 Schuldenrein, Joseph [155]
 Schulting, Rick [131], [378]
 Schultze, Carol [260]

- Schulz, Margaret [43]
 Schulze, Niklas [259], [346]
 Schumacher, Michael [29]
 Schurr, Mark [121], [165], [331]
 Schwadron, Margo [83], [333]
 Schwartz, Christopher [273]
 Schwarz, Kevin [183]
 Schwendler, Rebecca [395]
 Schwert, Donald [260]
 Schyle, Daniel [64]
 Scott, Alyssa [236]
 Scott, Ann [355]
 Scott, David [121]
 Scott, Elizabeth [154]
 Scott, George [87]
 Scott, Lindsay [228]
 Scott, Rachel [332]
 Scott, Sara [300]
 Scott Cummings, Linda [62], [123], [186], [309], [415]
 Scott-Ireton, Della [72], [261]
 Scribner, Zach [362]
 Seaberg-Wood, Forest [30]
 Seager-Boss, Fran [72], [223], [302]
 Seale, Heather [144]
 Sealy, Judith [294]
 Sealy, Judith C. [372]
 Searcy, Michael [245], [409]
 Sears, Erin [86], [193]
 Sebastian Dring, Katherine [34]
 Sebillaud, Pauline [49]
 Sechrist, Laura [394]
 Sedig, Jakob [262]
 Sedov, Sergey [141], [399]
 Seebach, John [148]
 Seetah, Krish [116], [288]
 Segal, Irina [64]
 Segura-Llanos, Rafael [155]
 Seidemann, Ryan [19], [220]
 Seidensticker, Susanna [169]
 Seinfeld, Daniel [8]
 Sejas Portillo, Alejandra [250]
 Šejnohová, Marie [12]
 Sekedat, Bradley [398]
 Selden, Robert [124]
 Seligson, Kenneth [399]
 Sellami, Farid [181]
 Sellen, Adam [58]
 Sellet, Frederic [148]
 Sellier, Pascal [207]
 Semon, Anna [178]
 Seong, Chuntaek [80]
 Sereno-Urbe, Juan [249]
 Serra Puche, Mari Carmen [153]
 Serrudo, Eberth [134]
 Serrudo T., Eberth [134]
 Sevara, Christopher [240]
 Sever, Thomas [199]
 Sever, Thomas L. [199]
 Sever, Tom [350]
 Seyler, Samantha [208]
 Sgarlata, Cosimo [171]
 Sgouros, Rebecca [362]
 Shackley, M. [91]
 Shafer, Harry J. [292]
 Shaffer Foster, Jennifer [63]
 Shahbazkhani, Desiree [358]
 Shakour, Katherine [315], [405]
 Shakour, Katie [315]
 Shanks, Michael [297]
 Sharma Ogle, Mini [95]
 Sharp, Emily [250]
 Sharp, Kayeleigh [2], [11], [353]
 Sharpe, Ashley [22]
 Sharratt, Nicola [184]
 Shaw, Jennie [168]
 Shaw, Justine [295]
 Shea, Molly [202]
 Sheets, Payson [75]
 Shelley, Steven [122]
 Shelley, William [140]
 Shelton, Christopher [356]
 Shelton, Kim [397]
 Shen, Chen [179]
 Shennan, Stephen [191], [288]
 Shensky, Andrew [172]
 Shepard, Emily [82]
 Sheppard, Peter [77]
 Sheridan, Alison [201]
 Sherman, Jason [25]
 Sherwood, Sarah [190]
 Shibata, Masaki [145]
 Shields, Carl [144]
 Shier, Melonie [128]
 Shillito, Lisa-Marie [210]
 Shimada, Izumi [371]
 Shing, Richard [77]
 Shipman, Pat [28]
 Shipton, Ceri [33]
 Shiratori, Yuko [219]
 Shirley, Meagan [205]
 Shock, Myrtle [157], [326]
 Sholts, Sabrina [207]
 Shott, Michael [223], [280]
 Shoup, Daniel [201]
 Shurik, Katherine [133]
 Sianto, Luciana [415]
 Siegler, Jennifer [411]
 Siemens, Alfred [350]
 Sieron, Katrin [189]
 Sierra, Roger [152]
 Sierra Sosa, Thelma Noemi [413]
 Sieverding, Heidi [230]
 Sievert, April [3]
 Sikora, Martin [116]
 Silliman, Stephen [34]
 Sills, E. Cory [243], [413]
 Silva, A. [9]
 Silva, Fabiola [245]
 Silva, Nicole [365]
 Silva, Nikki [365]
 Silva, Rolando [265]
 Silva, Rosicler [155]
 Silva De La Mora, Flavio [86]
 Silverstein, Jay [409]
 Simek, Jan [353]
 Simmons, Alan [190]
 Simmons, Lindsey [361]
 Simmons, Scott [147], [413]
 Simms, Stephanie [113], [130]
 Simms, Steven [296]
 Simms, Steven R. [10]
 Simon, Arleyn [277], [278]
 Simon, Elizabeth [204]
 Simon, Katie [7], [8], [287]
 Simon, Rebecca [98], [235]
 Simonetti, Antonio [121]
 Simonetti, Renato [243]
 Simons, Dwight [293]
 Simova, Borislava [376]
 Simpson, Ian [351]
 Simpson, Kay [363]
 Sims, Marsha [150]
 Sinclair, Alan [225]
 Sinclair, Anthony [93]
 Sinensky, R. [364]
 Sinensky, Robert (Reuven) [364]
 Singels, Elzanne [294]
 Singer, Zachary [150]
 Singleton, Hayley [163]
 Sinopoli, Carla [398]
 Sitek, Matthew [184], [250]
 Skaggs, Sheldon [24]
 Skeates, Robin [74]
 Skibo, James [4], [280]
 Skinner, Jessica [301]
 Skoglund, Peter [137]
 Skousen, Benjamin [142]
 Skowronek, Russell [416]

- Slachmuylders, Jean-louis [309]
 Slater, Donald [355]
 Slater, Philip [174]
 Slaughter, Mark [90]
 Silva, Jane [55]
 Sload, Rebecca [355]
 Slotten, Venicia [75]
 Sluka, Victoria [274]
 Smagur, Emilia [286]
 Small, David [259]
 Smallwood, Ashley [333]
 Smiarowski, Konrad [351]
 Smith, Adam [14], [305]
 Smith, Beth P. [6]
 Smith, Beverley [331]
 Smith, Bruce [226], [414]
 Smith, Cecilia [238]
 Smith, Chelsea [28]
 Smith, David [313]
 Smith, Erin [203]
 Smith, Eugene [294]
 Smith, Geoff [87]
 Smith, Geoffrey [35]
 Smith, Geoffrey M. [415]
 Smith, Gerad [110]
 Smith, Heather [150]
 Smith, J. Gregory [259]
 Smith, Karen [275]
 Smith, Kevin [139], [215], [255]
 Smith, Lisa [300]
 Smith, Madeleine [162]
 Smith, Mark [70]
 Smith, Michael [194]
 Smith, Michele [187], [255]
 Smith, Morgan [192], [243]
 Smith, Scott [411]
 Smith, Stuart [334]
 Smith, Susan [85]
 Smith, Victoria [130]
 Smitheram, Craig [241]
 Snead, James [27], [86]
 Snijders, Ludo [58]
 Snitker, Grant [167]
 Snow, Dean [82]
 Snow, Meradeth [264]
 Sobotkova, Adela [40]
 Soderberg, John [30]
 Soderland, Hilary [218]
 Soler, Ana Maria [399]
 Solibiéda, Axelle [350]
 Solinis-Casparius, Rodrigo [21]
 Solis, Reyna [346]
 Solís Ciriaco, Reyna Beatriz [217]
 Solleiro, Elizabeth [141]
 Solometo, Julie [303]
 Somerville, Andrew [32], [110], [166]
 Somerville, Andrew D. [166]
 Sonderman, Elanor [27]
 Sonnemann, Till [199]
 Sonnenburg, Elizabeth [192], [280]
 Sorensen, Kathryn [38]
 Sorensen, Kathy [38]
 Soressi, Marie [190]
 Sorotou, Aphrodite [14]
 Sorrell, Danny [48]
 Sosa, Danny [32]
 Sosna, Daniel [321]
 Soto, Martha [298]
 South, Katherine [219]
 Sparks, Shane [7], [358]
 Spaulding, Britta [63]
 Speakman, Jeff [274]
 Speakman, Robert [9], [121]
 Speer, Charles [185]
 Speller, Camilla [312], [332]
 Spellman, Christina [175]
 Spenard, Jon [355]
 Spence-Morrow, Giles [187]
 Spencer, Kaylee [133]
 Spencer, Susan [265]
 Speth, John D. [396]
 Spielmann, Katherine [69], [161]
 Spiros, Micayla [124]
 Spivak, Deborah [31]
 Sportman, Sarah [61]
 Spriggs, Matthew [77]
 Springate, Megan [269]
 Springer, Alana [143]
 Sprovieri, Marina [412]
 Spurr, Kimberly [277]
 Stack, Adam [239]
 Stacy, Merisa [204]
 Stafford, Thomas [250]
 Stahl, Ann [23]
 Stahl, Peter [119]
 Stahlschmidt, Mareike [249]
 Stammers, Rhiannon [139]
 Stamparoni Bassi, Filippo [326]
 Stanish, Charles [169]
 Stansell, Ann [27]
 Stanton, Travis [244], [344]
 Stapleton, Charles [66]
 Stapleton, Maria [66]
 Stark, Barbara [194]
 Stark, Miriam [349]
 Stark, Sören [234]
 Starke, Chelsea [30]
 Starkovich, Britt [135], [396]
 Starr, Isabel [324]
 Stauffer, Grant [8]
 Stauffer, John [182]
 Stavish, Patricia [300]
 Stech, Edward J. [274]
 Steele, Laura [212]
 Steele, Teresa [165]
 Steele, Teresa E. [53]
 Steelman, Karen [353]
 Steere, Benjamin [26]
 Steffen, Anastasia [128], [159], [239], [319]
 Steidl, Catherine [385]
 Stein, Martin [138]
 Steinbrenner, Larry [246]
 Steinbruchel, Amber Joliz [205]
 Steinhart, Zara [407]
 Stelle, Lenville [353]
 Stelson, Laura [100]
 Stemp, James [376]
 Stenton, Douglas [185]
 Stephens, Jay [122]
 Stephens Reed, Lori [324]
 Stephenson, Keith [275]
 Steponaitis, Vincas [8]
 Sterling, Kathleen [395]
 Sterling, Sarah [168]
 Stern, Nicola [139]
 Stern, Richard [302]
 Sterner-Miller, Katherine [139]
 Stevanovic, Mirjana [297]
 Stevens, Chris [414]
 Stevens, Nathan [383]
 Stevens, Stanley [166]
 Stevenson, Christopher M. [412]
 Stewart, Brian [135], [174]
 Stewart, Carlyn [364]
 Stewart, Haeden [258]
 Stewart, Sarah T. [47]
 Stimson, Micah [92]
 Stine, Linda [72]
 Stiner, Mary [40], [135], [296], [406]
 Stirm, Matthew [362]
 Stiver-Walsh, Laura [26]
 Stöckli, Matthias [242]
 Stoll, Marijke [20], [182]
 Stone, Abigail [23]
 Stone, Anne [384]
 Stone, Elizabeth [237]
 Stone, Jessica [238], [328]
 Stone, Tammy [99]
 Stoner, Wesley [25], [79]
 Storey, Rebecca [206]
 Storm, Rebecca [299]
 Stothert, Karen [186]
 Stott, Jamie [322]
 Stout, Dietrich [33]
 Straight, Kirk [338]

- Strange, David [301]
 Stratten, Daniel [358]
 Straulino, Luisa [399]
 Strauss, Stephanie [151]
 Strawhacker, Colleen [288]
 Streeter, Richard [351]
 Streit, Katharina [91]
 Strickland, Amanda [113]
 Stride, Sebastian [73]
 Striker, Sarah [109], [277]
 Stringer, Chris [415]
 Stromberg, Caroline [186]
 Stuart, David [196], [344]
 Stuck, Jennifer [327]
 Stuckey, Sarah [185]
 Stueber, Dan [386]
 Stueber, Daniel [64]
 Stull, Scott [124]
 Sturdevant, Jay [29]
 Sturm, Jennie [358]
 Sturm, Jennie O. [273]
 Sturt, Fraser [3]
 Stutts, Stephanie [98], [357]
 Styles, Bonnie [69]
 Suarez, Rafael [150]
 Subiaul, Francys [122]
 Sugimoto, Kassie [203], [384]
 Sugiura, Yoko [129]
 Sugliara-Yamamoto, Yoko [129]
 Sugiyama, Nawa [366]
 Sugiyama, Saburo [298]
 Sugrañes, Nuria [252]
 Sullivan, Elaine [287]
 Sullivan, Jacob [256]
 Sullivan, Kelsey [376]
 Sullivan, Lauren [248]
 Sullivan, Lynne [187], [373]
 Sun, Yan [234]
 Sunell, Scott [310]
 Sunseri, Charlotte [34]
 Sunseri, Jun [34], [406]
 Supernant, Kisha [82], [394]
 Supernant, Kisha [80]
 Surface-Evans, Sarah [72]
 Surmely, Frédéric [333]
 Surovell, Todd [148]
 Susak Pitzer, Angela [101]
 Sutton, Amanda [153]
 Sutton, Wendy [282]
 Suvrathan, Uthara [49]
 Suyuc, Edgar O. [408]
 Swaim, Abby [359]
 Swain, Todd [83]
 Swanson, Steve [137], [182]
 Swantek, Laura [51]
 Swavelly, Ty [316]
 Sweeney, Angelina [248]
 Swenson, Edward [142], [237], [404]
 Swenson, Fern [230]
 Swetnam, Thomas [110], [239]
 Swidler, Nina [197]
 Swift, Jillian [339]
 Swoger, Christopher [91]
 Swords, Molly [45]
 Sykes, Naomi [339]
 Szpak, Paul [166]
 Szremski, Kasia [227]
 Szumilewicz, Amy [371]
 Szymanski, Ryan [176]
 Tackney, Justin [238], [328]
 Takamiya, Hiroto [115]
 Takaoka, Ian [52]
 Talcott, Susan [293]
 Taleghani-Nia, Lili [355]
 Taliaferro, Matthew [274]
 Taluban, Kaleb [90]
 Tamanaha, Eduardo [186]
 Tanaka, Yutaka [145]
 Tang, Jigen [67]
 Tang, Lap Kwan [121]
 Tang, Yuyun [67]
 Tang, Zhuowei [49]
 Tankersley, Kenneth [155], [185]
 Tankosic, Zarko [289]
 Tantaleán, Henry [169]
 Tapia, Eduardo [48]
 Tascon-Penaranda, Edna [313]
 Tasic, Nenad [348]
 Taube, Karl [194]
 Tavera Medina, Ana Carito [250]
 Taylor, Amanda [152], [360]
 Taylor, Geoffrey [347]
 Taylor, Jeremy [25]
 Taylor, Pete [48]
 Tchorzynski, Stacy [308]
 Teeter, Wendy [160], [224]
 Tegtmeyer, Caryn [245]
 Teixeira-Santos, Isabel [127]
 Tejada, Barbara [27]
 ten Bruggencate, Rachel [185]
 Tenconi, Marta [25]
 Terry, Karisa [53]
 Testard, Juliette [39]
 Testolini, Veronica [79]
 Thakar, Heather [41]
 Tharalson, Kirsten [166]
 Theodore, Alfred [72]
 Thomas, Anne [362]
 Thomas, Ben [72], [188]
 Thomas, Colin [371]
 Thomas, David [1], [178], [341]
 Thomas, Jayne-Leigh [3]
 Thomas, Jonathan [53]
 Thomas, Katherine [311]
 Thomas, Noah [406]
 Thomas, Scott [35]
 Thomin, Michael [261]
 Thompson, Adam [52]
 Thompson, Amy [263]
 Thompson, Daniel [418]
 Thompson, Jessica [118], [139], [155], [174], [356]
 Thompson, Kerry [97]
 Thompson, M [161], [372]
 Thompson, M. Scott [123], [353]
 Thompson, Victor [26], [105], [178]
 Thornton, Christopher [71]
 Thornton, Erin [338]
 Thornton, Taylor [230], [331]
 Throgmorton, Kellam [82]
 Thulman, David [80]
 Thurston, T. [154]
 Thurston, T.L. [63]
 Tian-jing, Duan [49]
 Tibbits, Tawny [58]
 Tica, Cristina [132]
 Tichinin, Alina [207]
 Tiedens, Shari [225]
 Tierney, Meghan [31]
 Tiesler, Vera [158], [370], [410], [413]
 Tifental, Emilia [312]
 Tikhonov, Alexei N. [74]
 Till, Jonathan [85]
 Tilley, Lorna [299]
 Timmins, Peter [90]
 Timpson, Adrian [191], [288]
 Ting, Carmen [147]
 Tipon, Nick [106], [160], [224]
 Tobias, Mark [354]
 Todaro, Simona [79]
 Todd, Brenda [29], [159]
 Todd, Lawrence [300]
 Tokovinine, Alexandre [86], [244], [366]
 Toll, H. [354]
 Tomasto-Cagigao, Elsa [31]
 Toms, Phillip [174]
 Toney, Elizabeth [274], [282]
 Tonoike, Yukiko [402]
 Topi, John [245]
 Torpy, James [51]

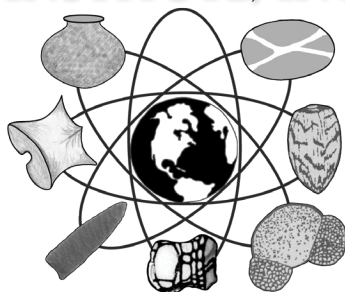
- Torrano, Alexis [73], [402]
 Torrence, Robin [412]
 Torres, Jaime [399]
 Torres, Jimena [251]
 Torres, Paola [413]
 Torres Cubillas, Luz Alicia [189]
 Torres Estrada, Heber Delfino [242]
 Torres-Rouff, Christina [203], [384]
 Torvinen, Andrea [21]
 Tosa, Paul [239]
 Toscano, Lourdes [183]
 Tostevin, Gilbert [191]
 Toth, Nicholas [215]
 Toussaint, Mark [380]
 Towbin, Henry [327]
 Towers, Jordan [356]
 Towner, Ronald [128], [239], [354]
 Toyne, J. Marla [78]
 Toyne, Jennifer Marla [78]
 Trabant, Sarah [361]
 Trachman, Rissa [113], [248], [266]
 Trask, Willa [249]
 Traslaviña, Teddy Abel [81]
 Trein, Debora [155]
 Trejo, Valentina [2]
 Trelogan, Jessica [123]
 Tremayne, Andrew [302]
 Tremblay Critcher, Lori [299]
 Tresserras, Jordi [170]
 Trever, Lisa [303]
 Trevin Pita, Vanesa [394]
 Tricarico, Anthony [249]
 Trigg, Heather [311]
 Trimble, Lauren [6]
 Tringham, Ruth [117], [297]
 Triozzi, Nicholas [327]
 Troncoso, Andres [180], [318]
 Troncoso, Andrés [180]
 Trout, Lukas [386]
 Trowbridge, Meaghan [324]
 Trudel, Stephanie [360]
 Truex, Lise [237]
 Trumbo, Aaron [278]
 Trut, Lyudmila [28]
 Tsoraki, Christina [16]
 Tsukamoto, Kenichiro [103]
 Tsuneki, Akira [205]
 Tubbs, Ryan Maureen [365]
 Tudor, Jessica [392]
 Tune, Jesse [150]
 Tune, Jesse W. [8], [220]
 Tung, Tiffany [202]
 Turck, John [155]
 Turkon, Paula [21]
 Turnbow, Christopher [273]
 Turner, Andrew [88]
 Turner, B [295], [350]
 Turner, Daniel [118]
 Turner, Elaine [396]
 Turner, Michelle [418]
 Turner-Livermore, Bethany [203]
 Turney, Kathryn [364]
 Turq, Alain [35], [190]
 Tushingham, Shannon [65], [302]
 Tutchenner, David [50]
 Tuttle, Christopher [8]
 Tweten, Lisa [121]
 Twiss, Kathryn [406]
 Tykot, Robert [411], [412]
 Uberseder, Alexa [53]
 Ueda, Kaoru [238]
 Ueki, Takeyuki [53]
 Uemine, Atsushi [145]
 Ugan, Andrew [296]
 Ullah, Isaac [84]
 Ulloa Hung, Jorge [199]
 Ulloa-Montemayor, Ximena [141]
 Umlberger, Emily [194]
 Underhill, Anne [335]
 Uomini, Natalie [33]
 Upson-Taboas, Charity [162]
 Upton, Andrew [365]
 Urban, Patricia [314]
 Urban, Thomas [8]
 Urban, Tomas [321]
 Urcid, Javier [39]
 Uribe, Mauricio [184], [318], [378]
 Urquhart, Kyle [21]
 Urton, Gary [78]
 Uruñuela, Gabriela [303]
 Vacca, Kirsten [113]
 Vadala, Jeffrey [316]
 Vadiño, Margarita [155]
 Vaesen, Krist [191]
 Vail, Gabrielle [158], [303]
 Valcarce, Ramon [137], [353]
 Valdez, Lidio [411]
 Valdez, Jr., Fred [248]
 Valentin, Norma [346]
 Valentina, Mandakovic [318]
 Valentino, Claudia [222]
 Vallebuena, Miguel [231]
 Vallejo-Caliz, Daniel [183]
 Vallejo-Cáliz, Daniel [24]
 Valtierra Vega, Daniel [217], [231]
 Van Alstyne, Benjamin [48]
 Van Der Leeuw, Sander [218], [288]
 Van Der Reijden, A. Jay [132]
 Van Der Voort, Madeline [92]
 Van der Woort, Madeline [35]
 Van Dyke, Ruth [348], [354]
 Van Galder, Sarah [152]
 Van Gijn, Annelou [17]
 Van Gijsegheem, Hendrik [347]
 Van Hoose, Jonathan [239]
 Van Kolschoten, Thijs [74]
 Van Pool, Todd [245]
 Van Vlack, Hannah [163], [407]
 Van West, Carla [282]
 Vance, Kelly [178]
 Vanderslice, Allison [416]
 VanDerwarker, Amber [172], [226], [334]
 Vandiver, Pam [122]
 Vandiver, Pamela [101], [115], [241]
 VanPool, Christine [6], [245]
 VanPool, Todd [6]
 VanValkenburg, Nathaniel [287]
 VanValkenburgh, Nathaniel [305]
 Vargas, Benjamin [175]
 Varillas, Rosa Maria [134]
 Varney, R. [62]
 Varney, R. A [309]
 Varoutsikos, Bastien [241]
 Vasconcelos, Mara [124]
 Vasquez, J. Javi [90]
 Vásquez, Augusto [232]
 Vásquez-Sanchez, Victor [347]
 Vaughan, Andrew [201], [244]
 Vaughn, Kevin [31], [347]
 Vawser, Anne [29]
 Vazquez Campa, Violeta [242]
 Vázquez De Ágredos Pascual, Marisa [24], [242]
 Vazquez De Arthur, Andrea [187]
 Vega-Centeno, Rafael [227]
 Veit, Richard [405]

- Velasquez, Veronica [76]
 Velásquez, Héctor [2]
 Velasquez Lopez, Antolin [183]
 Velazquez, Adrian [298], [346]
 Velemínska, Jana [207]
 Velemínská, Jana [207]
 Veleminsky, Petr [207]
 Velemínský, Petr [207]
 Vellanoweth, Rene [32]
 Vellanoweth, René [32], [383]
 Venables, Barney [121], [122], [166]
 Venegas de la Torre, Luis J. [58]
 Venegas De La Torre, Luis Joaquin [376]
 Venter, Jan [356]
 Venter, Marcie [144]
 Ventresca Miller, Alicia [403]
 Ventura, Beatriz [46]
 Verdugo, Cristina [355]
 Vernon, Kenneth [362]
 Vesteinsson, Orri [18]
 Veth, Peter [152]
 Vianello, Andrea [412]
 Victoria Lona, Naoli [346]
 Vidal, Cinthya [231]
 Vidal, Estefanía [318]
 Vidal Elgueta, Alejandra [318]
 Vidal Lorenzo, Cristina [242]
 Vidal Montero, Estefania [318]
 Vidal-Solano, Jesús R. [257]
 Vigil, Francis [239]
 Vigne, Jean-Denis [339], [414]
 Villagomez, Beatrice [327]
 Villalobos, César [189]
 Villalpando, Elisa [189]
 Villaluenga, Aritza [396]
 Villanueva, Juan [184]
 Villanueva Ruiz, Denia Berenice [217]
 Villarreal, Margarita [27]
 Villeneuve, Suzanne [153], [171]
 Vilsack, Laura [357]
 Viner, Mark [299]
 Vinogradov, Nikolai [345]
 Vint, James [55]
 Virga, Nicolena (Niki) [192]
 Viselman, Abby [143]
 Vitale, Adam [248]
 Vivian, Richard [354]
 Vlaskamp, Roosmarie [246]
 Vlemincq Mendieta, Tatiana [250]
 Voeller, Sarah [132]
 Vogel, Howard [30]
 Vogel, Melissa [104]
 Vola, Gabriele [399]
 Volkers, Lauren [124]
 Volta, Beniamino [24]
 Von Hagen, Adriana [78]
 Von Holstein, Isabella [403]
 Von Petzinger, Genevieve [353]
 von Schwerin, Jennifer [100]
 Von Schwerin, Jennifer [100]
 Voorhies, Barbara [91], [182]
 Vorsanger, Andrew [137]
 Voss, Barbara [269], [305]
 Voss, Hans-Ullrich [47]
 Voytek, Barbara [297]
 Vrydaghs, Luc [309]
 Waber, Nicholas [122], [151]
 Wadley, Lyn [7]
 Wagner, Daniel [333]
 Wagner, Friedrich [9]
 Wagner, Mark [353]
 Wagner, Stephen [289]
 Wagner, Ursel [9]
 Waguespack, Nicole [87]
 Wahl, David [350], [408]
 Wakabayashi, Kunihiro [145]
 Wake, Thomas [79], [105], [170]
 Wake, Tom [293]
 Walden, John [182]
 Walder, Heather [140]
 Wales, Nathan [229]
 Walker, Chester [4], [132], [287], [409]
 Walker, Chet [409]
 Walker, Clifford [386]
 Walker, Debra [244], [306], [413]
 Walker, James [396]
 Walker, John [350]
 Walker, Karen [166]
 Walker, Mark [416]
 Walker, Martin [275]
 Walker, Michael J. [397]
 Walker, William [343]
 Wall, Bridget [341]
 Wallace, Henry [304]
 Wallace, Ryan [80]
 Waller, Kyle [245]
 Waller, Jr., Joseph N. [281]
 Wallis, Lynley [3]
 Wallis, Neill [79], [328]
 Walsh, Matthew [312]
 Walsh, Matthew J. [228]
 Walsh, Megan [155]
 Walters, Michael [206]
 Walth, Cherie [52]
 Walton, David [249]
 Walton, Marc [101]
 Walz, Jonathan [340]
 Wandsnider, LuAnn [228], [361]
 Wang, Chunxue [179]
 Wang, Fuqiang [283]
 Wang, Hua [37]
 Wang, Hui [37], [345]
 Wang, Lixin [49]
 Wang, Ning [179]
 Wang, Qiang [179]
 Wang, Qing [179]
 Wang, Shuzhi [345]
 Wang, Wenjing [285]
 Wang, Yanxi [26]
 Wang, Youping [407]
 Wang, Zenglin [345]
 WANG, Hui [37], [102]
 Ward, Diane [164]
 Ward, Timothy [164]
 Warden, Robert [310]
 Warinner, Christina [332]
 Warmlander, Sebastian [121]
 Wärmländer, Sebastian [207]
 Warner, John [66], [104]
 Warren, Daniel [4]
 Warren, Eloise [416]
 Warren, Graeme [185]
 Warren, Kea [253]
 Warren, Matthew [247]
 Waselkov, Gregory A. [152]
 Wasiolek, Maryann [180]
 Watanabe, Yoichi [31]
 Watchman, Alan [3]
 Waterman, Anna [53]
 Waters, Christopher K. [176]
 Waters, Jenny [55]
 Waters, Michael [80], [119], [192]
 Waters-Rist, Dr. Andrea L. [410]
 Watkins, Christopher [304]
 Watkins, Joe [34]
 Watling, Jennifer [157]
 Watrall, Ethan [200], [235]
 Watson, Adam [165], [212], [273], [382]

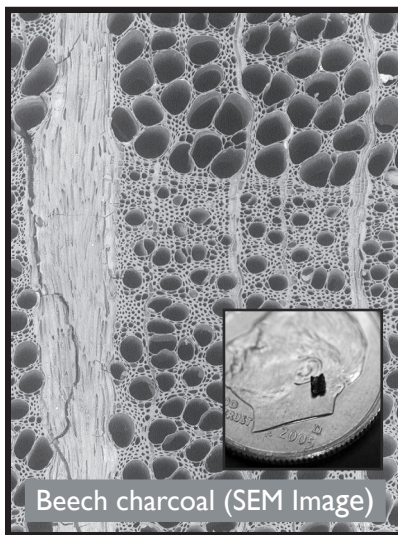
- Watson, James [55], [155], [189]
 Watson, Jessica [61]
 Watson, Rachel [243]
 Watts, Christopher [108]
 Watts, Joshua [304]
 Watts, Philip [358]
 Watts-Malouchos, Elizabeth [289]
 Weaver, Brendan [31], [347]
 Weaver, Wendy [243]
 Webb, Kyra [232]
 Weber, Andrzej [131]
 Weber, Sadie [162]
 Weber Darnell, Liesl [30]
 Webster, Andrew [315]
 Webster, Chris [322]
 Webster, Christopher [90]
 Webster, David [86]
 Webster, Laurie [85]
 Wechsler, Suzanne [409]
 Wedding, Jeffrey [311]
 Weerasinghe, Jagath [340]
 Wegener, Corine [254]
 Wegter, Bruce [10]
 Weiland, Andrew [373]
 Weinberg, Camille [169]
 Weinstein, Richard [43], [192], [220]
 Weisberg, Bethany [410]
 Weisler, Marshall [77], [152]
 Weismantel, Mary [305]
 Weiss, Elizabeth [132]
 Weisskopf, Alison [77], [186]
 Weitzel, Elic [163]
 Welch, Jacob [24], [183]
 Welch, John [239]
 Welch, John R. [95]
 Welker, Martin [162], [165]
 Weller, Olivier [211]
 Wellman, Hannah [163]
 Wells, Andrew [363]
 Wells, E. Christian [176]
 Wells, Joshua [5], [68], [125], [200]
 Wendrich, Willeke [36], [291]
 Wendt, Carl [172]
 Wendt, Carl J. [172]
 Werner, Helen [301]
 Werner, Roger [90], [155]
 Werness-Rude, Maline [133]
 Wernke, Steven [81], [237], [287]
 Wernke, Steven A. [249]
 Wescott, Konnie [110]
 Wesler, Kit [103]
 Wesp, Julie [299]
 Wesson, Cameron [255], [335]
 West, Benjamin [162]
 West, Catherine [339]
 West, Dixie [302]
 Whalen, Jess [417]
 Whalen, Kathryn [63]
 Whalen, Verity [31]
 Wheeler, Ryan [93]
 Wheeler, Sandra [240]
 Whelan, Carly [138]
 Whisenhunt, Mary E. [262]
 Whistler, Emily [32]
 Whitaker, Adrian [293]
 Whitaker, Jason [113]
 Whitbread, Ian [25]
 White, Andrew [123]
 White, Carolyn [394]
 White, Chantel [154]
 White, Devin [84]
 White, Frances [164]
 White, Peter [296]
 White, Randall [181]
 White, Samuel [300]
 Whitehead, William [162]
 Whitley, David [138]
 Whitley, Tamara [103], [138]
 Whitney, Bronwen [226]
 Whitney, Kristina [12]
 Whittaker, John [292]
 Whittaker, Joss [200]
 Whittaker, William [284]
 Whitten, Ashley [237]
 Whittle, Alasdair [348]
 Wickler, Stephen [105]
 Widga, Chris [28]
 Widmayer, Elise [357]
 Wieckowski, Wieslaw [227]
 Wienhold, Michelle [143]
 Wiewall, Darcy [38]
 Wiewel, Adam [8], [230], [287], [409]
 Wiewel, Rebecca [109]
 Wigley, Sarah [66], [276]
 Wilcox, David [26]
 Wilcox, Michael [178]
 Wilczynski, Jaroslaw [87]
 Wildenhain, Anne [315]
 Wildt, Jennifer [93], [193]
 Wiley, Kevin [289]
 Wiley, Nancy [310]
 Wiley, Nancy "Anastasia" [310]
 Wilke, Detlef [3]
 Wilkie, Laurie [15]
 Wilkins, Cory [30]
 Wilkins, Jayne [294], [356]
 Wilkinson, Darryl [142]
 Wilkinson, Ian [25]
 Wilkinson, Patrick [153]
 Wilkinson, Toby [14]
 Willerslev, Eske [337]
 Willett, Alyssa [299]
 Williams, Courtney [397]
 Williams, Hope [294]
 Williams, James [283]
 Williams, Justin [99]
 Williams, Lana [205], [207], [240]
 Williams, Mark [25]
 Williams, Patrick Ryan [335]
 Williams, Shaun [52]
 Williams, Sloan [264]
 Williams, Veronica [411]
 Williams-Beck, Lorraine [338]
 Williamson, Ronald [182]
 Williams, Ronald F. [372]
 Willis, Mark [4], [256], [287], [342], [409]
 Willis, William [324]
 Wills, Chip [354]
 Wilmsen, Edwin [79]
 Wilshusen, Richard [82], [160], [354]
 Wilson, Andrew [299]
 Wilson, Douglas [405]
 Wilson, Gregory [173]
 Wilson, Katherine [275]
 Wilson, Nathan [277]
 Wilson, Suzi [396]
 Wilson, Wayne [3], [185]
 Winchell, Frank [307]
 Winemiller, Terance [213]
 Winemiller, Terance L. [213]
 Wingard, John [392]
 Winsborough, Barbara [62]
 Winstead, Christy [85]
 Winter, Jacob [155]
 Winter, Marcus [39], [216]
 Winterhalder, Bruce [28]
 Wismer-Lanoe, Meredith [136]
 Wissler, Amanda [240]
 Withrow, Michael [225]
 Witt, Brian [393]
 Witt, David [63], [382]
 Wohlgemuth, Eric [41]
 Wojtal, Piotr [87]
 Wolf, Marc [183]
 Wolff, Christopher [255]
 Wolff, Sarah [147]
 Wolfinbarger, Susan [254]
 Wolin, Daniela [67]
 Wollwage, Lance [38]
 Wolverton, Steve [85], [122], [166], [272]
 Wolynec, Renata [136]

- Womack, Andrew [37], [234]
Wong, Jonathan [166]
Wood, Brian [415]
Wood, M. Jared [124]
Wood, Marilee [140]
Woodfill, Brent [183], [338], [355]
Woods, Aaron [138], [273], [276]
Woodson, Kyle [225]
Worman, F. Scott [319]
Worth, John [178]
Woywitka, Robin [319]
Wragg Sykes, Rebecca [322]
Wren, Colin [84]
Wright, Alice [177]
Wright, David [80], [155], [174]
Wright, Holly [235]
Wright, Joshua [234]
Wright, Pierce [275]
Wright, Véronique [303]
Wriston, Teresa [87]
Wroth, Kristen [53]
Wu, Mandy Jui-man [234]
Wu, Xiaohong [37], [53], [286]
Wulfschuhle, Virginia A. [98]
Wygall, Brian [72], [87]
Wygall, Brian T. [302]
Wylde, Michael [212], [250]
Wyllie, Cherra [303]
Wynn, Thomas [33]
Wynne, Clive [28]
Xia, Yin [89]
Xie, Liye [179]
Yacubik, Matthew [219]
Yadmaa, Terendagva [418]
Yaeger, Jason [306], [399]
Yakal, Madeleine [238]
Yang, Dongya [163], [312]
Yang, Xiaoyan [179]
Yang, Ying [345]
Yang, Yinmin [179]
Yang, Yuzhang [179]
Yanicki, Gabriel [182]
Yankowski, Andrea [49]
Yann, Jessica [365]
Yano, Kenichi [80]
Yao, Alice [283], [349]
Yao, Ling [179]
Yaremko, Jason [313]
Yarnes, Christopher [302]
Yasui, Emma [115]
Yates, Donna [279]
Ye, Maolin [37], [345]
Yellen, John [71]
Yerka, Stephen [123], [125], [200]
Yerka, Stephen J. [125]
Yerkes, Richard [211]
Yerkes, Richard W. [47]
Yesner, David [112], [302], [337]
Yin, Chenglong [179]
Yoder, David [90]
Yoffee, Norman [36]
Yohe, Robert [240]
Yonenobu, Hitoshi [115]
Yost, Chad [55]
Young, Allison [29]
Young, Holly [123]
Young, Jamie [95]
Young, Lisa [343]
Young, Michelle [2]
Young, Ruth [325]
Young, Tatiana [323]
Younie, Angela [171]
Yu, Pei-Lin [159], [300], [312]
Yue, Zhanwei [67]
Zacharias, Nikos [140]
Zahn, Rainer [294]
Zaman, Tim [58]
Zambrano, Raul [46]
Zan, Luca [201]
Zaneri, Taylor [154]
Zangerle, Anne [350]
Zanotto, Hannah [123], [273], [278]
Zaragoza, Diana [198]
Zarina, Gunita [207]
Zarrillo, Sonia [186], [271]
Zavala, Bridget [231]
Zavala, Bridget M. [76]
Zavaleta Lucido, Marco [21]
Zborover, Danny [188], [410]
Zeanah, David [296]
Zechini, Mariana [124]
Zedeno, Maria [300]
Zedeño, Maria [178]
Zeder, Melinda [414]
Zeferjahn, Tanya [52]
Zegarra, Michiel [31]
Zeidler, James [70], [367]
Zeitlin, Judith [76]
Zejdlik, Katie [173]
Zetina-Gutiérrez, Guadalupe [103]
Zhang, Chi [53]
Zhang, Juzhong [179]
Zhang, Li [115]
Zhang, Liangren [102]
Zhang, Wenjie [67]
Zhang, Xiaoling [179]
Zhang, Xu [49], [67]
Zhang, Xuelian [345]
Zhao, Kun [89]
Zhao, Shan [126]
Zhou, Jing [37]
Ziegenbein, Linda [307]
Ziesing, Grace [48]
Zikmund, Tomáš [12]
Zimansky, Paul [285]
Zimmer-Dauphinee, James [230]
Zimmerman, Larry [30], [146], [236]
Zimmermann, Mario [24], [58], [130]
Zimpel, Carlos [326]
Zimpel Neto, Carlos Augusto [326]
Zinsious, Brandon [8]
Zipf, Alexander [100]
Zipkin, Andrew [215]
Zovar, Jennifer [184]
Zovar, Joel [201]
Zuckerman, Molly [321], [387]
Zuckerman, Molly K. [220]
Zúñiga Arellano, Belem [298]
Zurro, Debora [73], [176]
Zurro, Débora [48]
Zutter, Cynthia [302]
Zych, Thomas [182]

PALEORESEARCH INSTITUTE, INC.



2675 Youngfield Street
Golden, Colorado 80401, USA
(303) 277-9848
info@paleoresearch.com
www.paleoresearch.com



Beech charcoal (SEM Image)

Why date it if you don't know what it is?

PaleoResearch Institute, Inc. AMS Radiocarbon Dating Services

**Booth
#207**

- Have regrets about **what** you dated? Rely on PRI to *identify* your charcoal prior to dating, and date only the shortest-lived charred material possible.
- **Build a radiocarbon age database you can use for decades** by combining your *sampling accuracy* with our *chemical precision* and *selection of the best items to date*.
- Understand the mystery of “**why do my dates look like that?**” PRI assists with interpretation of your dates.

One-Stop Science & Synergy

Experience the PRI difference in radiocarbon dating and synergy of analyses. Get PRI involved in your project to **integrate chronology, environment** (pollen & phytolith analysis), **subsistence** (macrofloral, pollen, phytolith, starch, protein residue, and organic residues-FTIR), and **economy** for a more complete picture of the landscape, cultural activities, and social interpretations. **Enhance your research** with SEM images and pXRF analysis. One-stop shopping for these analyses (*and more*) provides you with an *integrated interpretation* of the past.

Established in 1972 - **43 years of experience.**

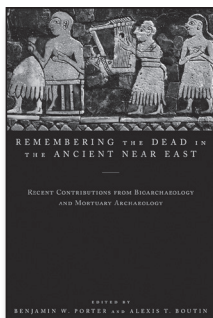


university press of
colorado

50 YEARS
1965–2015

The University Press of Colorado is
celebrating our 50th anniversary!

Come visit us at booth 209 in the exhibit hall.

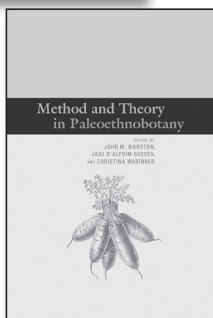


Remembering the Dead in the Ancient Near East

Edited by Benjamin W. Porter &
Alexis T. Boutin

"An important and innovative volume . . . As a signpost toward the directions Near Eastern bioarchaeology is taking, *Remembering the Dead in the Ancient Near East* will be extremely valuable for all interested in the archaeological study of the dead."

—Glenn Schwartz, The Johns Hopkins University

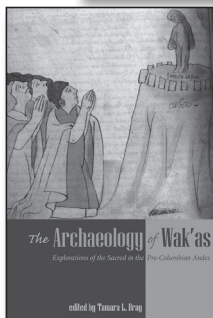


Method and Theory in Paleoethnobotany

Edited by John M. Marston, Jade d'Alpoim Guedes, & Christina Warinner

"This volume is timely and will be a valued addition to the libraries of professional archaeobotanists, students learning the intricacies of archaeobotanical analyses, and archaeologists."

—C. Margaret Scarry, University of North Carolina at Chapel Hill



The Archaeology of Wak'as

Explorations of the Sacred in the Pre-Columbian Andes

Edited by Tamara L. Bray

"This stimulating volume will prove essential reading for scholars interested in Andean religion and political history . . . It will become one of the most important sources for the study of Andean materialities and religious practices."

—Edward R. Swenson, University of Toronto

www.upcolorado.com 800.621.2736

5589 Arapahoe Ave, Suite 206C, Boulder CO 80303 720.406.8849



university press of
colorado

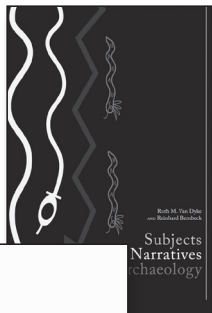
50 YEARS
1965–2015

Subjects and Narratives in Archeology

Edited by Ruth M. Van Dyke &
Reinhard Bernbeck

"This book will prove invaluable not only to new generations of scholars trying to find ways to keep archaeology relevant to a rapidly changing world but also to anyone teaching a class on topics such as professional ethics, archaeological writing, and archaeology and its place in society."

—Anne Porter, James Madison University



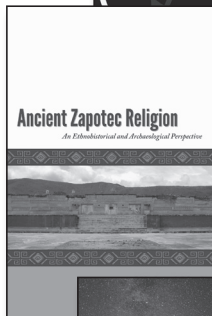
Ancient Zapotec Religion

An Ethnohistorical and Archaeological
Perspective

By Michael Lind

"An excellent, impressive piece of scholarship . . . a valuable resource for scholars and students alike."

—Sarah B. Barber, University of Central Florida

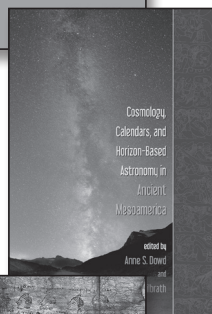


Cosmology, Calendars, and Horizon -Based Astronomy in Ancient Mesoamerica

Edited by Anne S. Dowd & Susan Milbrath

"An excellent snapshot of the value of cultural astronomy to interpretations of ancient Mesoamerican cultures."

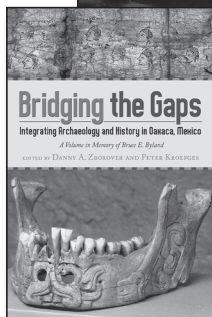
—Arlen F. Chase, University of Central Florida



Bridging the Gaps

Integrating Archaeology and History in Oaxaca,
Mexico; A Volume in Memory of Bruce E. Byland
Edited by Danny Zborover & Peter Kroefges

Promotes the practice of integrative studies to explore the complex intersections between social organization and political alliances, religion and sacred landscape, ethnic identity and mobility, colonialism and resistance, and territoriality and economic resources.



LATEST TITLES: 20% SAA DISCOUNT, VISIT US AT BOOTH 106 & 108

THE EXCAVATION OF THE PREHISTORIC BURIAL TUMULUS AT LOFKËND, ALBANIA

The Excavation of the Prehistoric Burial Tumulus at Lofkënd, Albania



Volume 1: Text

John K. Papadopoulos, Sarah P. Morris,
Lorenc Bejko, and Lynne A. Schepartz

By John K. Papadopoulos, Sarah P. Morris,
Lorenc Bejko, and Lynne A. Schepartz

\$169 - 2 volume set

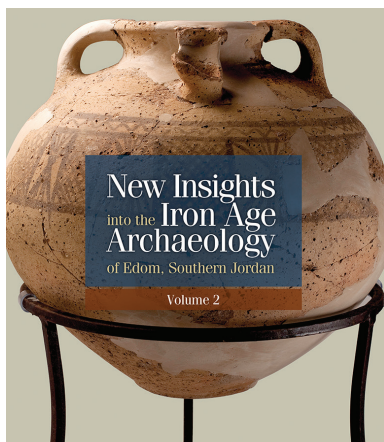
The burial tumulus of Lofkënd lies in one of the richest archaeological areas of Albania (ancient "Illyria"). Modern understanding of the pre- and protohistory of Illyria has largely been shaped by the contents of such burial mounds. What inspired the systematic exploration of Lofkënd by UCLA was more than the promise of an unplundered necropolis; it was also a chance to revisit the significance of this tumulus and its fellows for the emergence of urbanism and complexity in ancient Illyria. In addition to artifacts, the recovery of surviving plant remains, bones, and other organic material contributed to insights into the environmental and ecological history of the region.

NEW INSIGHTS INTO THE IRON AGE ARCHAEOLOGY OF EDM, SOUTHERN JORDAN

By Thomas E. Levy, Mohammad Najjar,
and Erez Ben-Yosef

\$169 - 2 volume set including a 7GB DVD

Situated south of the Dead Sea, near the famous Nabatean capital of Petra, the Faynan region contains the largest deposits of copper ore in the southern Levant. The Edom Lowlands Regional Archaeology Project takes an anthropological-archaeology approach to the deep-time study of culture change, using innovative digital tools for data recording, curation, and analyses to focus on ancient mining and metallurgy. Excavations and radiometric dating establish a new chronology for Edom, adding almost 500 more years to the Iron Age, including key periods of biblical history when David, Solomon, and the Egyptian pharaoh Shoshenq I are alleged to have interacted with Edom.



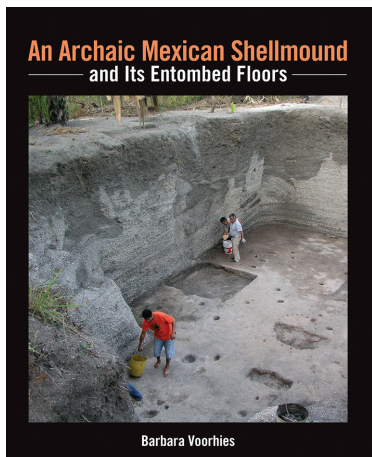
Thomas E. Levy, Mohammad Najjar, and Erez Ben-Yosef

For more information, visit www.ioa.ucla.edu

To order, visit our book distributor, University of New Mexico Press at www.unmpress.com

FORTHCOMING THIS SPRING

AN ARCHAIC MEXICAN SHELLMOUND AND ITS ENTOMBED FLOORS



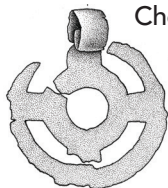
Edited by Barbara Voorhies

\$55 paperback

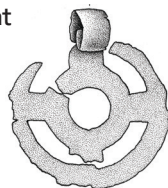
Tlacuachero is the site of an Archaic-period shellmound located in the wetlands of the outer coast of southwest Mexico. The studies conducted here are especially significant, because data-rich lowland sites from the Archaic period are extraordinarily rare. This book presents investigations of several constructed floors, built during the 600–800 years of site formation in the Archaic period (ca. 8000–2000 BCE), the crucial timespan in Mesoamerican prehistory when people were transitioning from full blown dependency on wild resources to the use of domesticated crops. The constructed floors at the site, now deeply buried, are among the region's earliest permanent architecture.

The CloA Press is now offering digital publications—
take our books with you into the field!

Recent eBooks and separate PDF book chapters available at
<http://cotsenpress.directfrompublisher.com>



Check out the selection of free titles available at
www.escholarship.org/uc/cioa



The Cambridge Prehistory of the Bronze and Iron Age Mediterranean

Edited by A. Bernard Knapp
and Peter van Dommelen

The Cambridge World Prehistory

3 Volume HB Set

Edited by Colin Renfrew and Paul Bahn

Campus Martius

The Field of Mars in the Life of Ancient Rome
Paul W. Jacobs, II and Diane Atnally Conlin

Funerary Practices and Models in the Ancient Andes

The Return of the Living Dead
Edited by Peter Eeckhout and Lawrence S. Owens

Han Material Culture

An Archaeological Analysis
and Vessel Typology
Sophia-Karin Psarras

Lithic Technological Systems and Evolutionary Theory

Edited by Nathan Goodale and William Andrefsky, Jr

Ritual, Performance, and Politics in the Ancient Near East

Lauren Ristvet

Settlement, Society and Cognition in Human Evolution

Landscapes in Mind
Edited by Fiona Coward, Robert Hosfield,
Matt Pope, and Francis Wenban-Smith

Social Networks and Regional Identity in Bronze Age Italy

Emma Blake

The Archaeology of Early China

From Prehistory to the Han Dynasty
Gideon Shelach-Lavi

Aztec Archaeology and Ethnohistory

Frances F. Berdan
Cambridge World Archaeology

The Archaeology of Prehistoric Arabia

Adaptation and Social Formation from the
Neolithic to the Iron Age
Peter Magee
Cambridge World Archaeology

The Art of Medicine in Early China

The Ancient and Medieval Origins
of a Modern Archive
Miranda Brown

The Colonial Caribbean

Landscapes of Power in Jamaica's
Plantation System
James A. Delle
Case Studies in Early Societies

The Material Life of Roman Slaves

Sandra R. Joshel and Lauren Hackworth Petersen

The Power of Feasts

From Prehistory to the Present
Brian Hayden

The Precolonial State in West Africa

Building Power in Dahomey
J. Cameron Monroe

The Survival of Easter Island

Dwindling Resources and Cultural Resilience
Jan J. Boersema, Translated by Diane Webb

Tikal

Paleoecology of an Ancient Maya City
Edited by David L. Lentz, Nicholas P. Dunning, and
Vernon L. Scarborough

Writing and the Ancient State

Early China in Comparative Perspective
Haicheng Wang

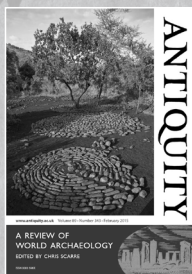
War and Cultural Heritage

Biographies of Place
Edited by Marie Louise Stig Sørensen,
and Dacia Viejo Rose

CAMBRIDGE

JOURNALS

UNEARTH THE LATEST RESEARCH WITH CAMBRIDGE ARCHAEOLOGY JOURNALS



Antiquity

New to Cambridge in 2015

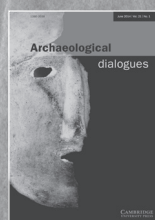
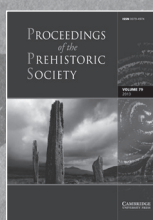
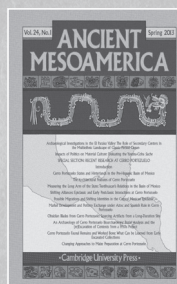
Find out more at

journals.cambridge.org/aqy

Ancient Mesoamerica

Find out more at

journals.cambridge.org/atm



Receive content alerts from Cambridge
archaeology journals, by signing up at
journals.cambridge.org/archaeology/alerts

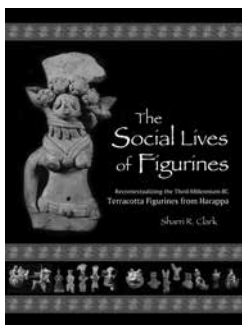


CAMBRIDGE
UNIVERSITY PRESS



Peabody Museum Press

DISTRIBUTED BY HARVARD UNIVERSITY PRESS

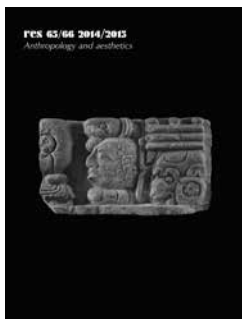


The Social Lives of Figurines

Recontextualizing the Third-Millennium-BC Terracotta Figurines from Harappa

Sharri R. Clark

\$85.00



RES AT 35: SPECIAL ANNIVERSARY DOUBLE-ISSUE

Res: Anthropology and Aesthetics, 65/66: 2014/2015

Edited by Francesco Pellizzi

\$75.00



The Journey of "A Good Type"

From Artistry to Ethnography in Early Japanese Photographs

David Odo

Foreword by

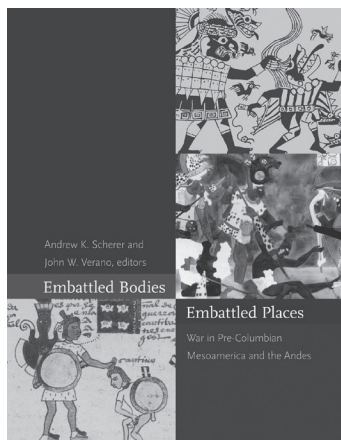
Elizabeth Edwards

\$45.00

Please visit booth 507 for a 20% conference discount

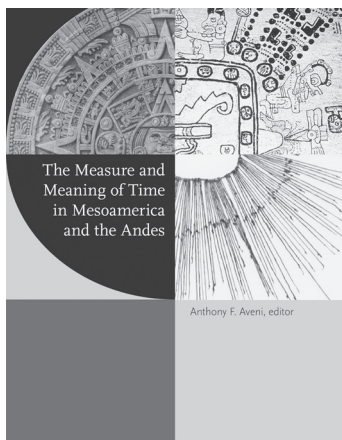
DUMBARTON OAKS PUBLICATIONS

RECENT TITLES IN PRE-COLUMBIAN SYMPOSIA AND COLLOQUIA



**Embattled Bodies,
Embattled Places**
War in Pre-Columbian
Mesoamerica and the Andes
Edited by Andrew K. Scherer
and John W. Verano

Embattled Bodies, Embattled Places relies on methodological and theoretical developments in anthropological archaeology, bioarchaeology, and ethnohistory to highlight the particularities of warfare in indigenous societies and to shed light on the commonalities of warfare in a cross-cultural perspective. Its essays explore the importance of captivetaking, sacrifice, performance, and political history in the conduct of war; they demonstrate that war in Mesoamerica and the Andes was much like war elsewhere: strategic, political, bloody, and socially productive, yet terribly destructive.



**The Measure and Meaning of Time
in Mesoamerica and the Andes**
Edited by Anthony F. Aveni

Few words in the dictionary garner as many definitions as the word "time." How did the people of Mesoamerica and the Andes, isolated as they were from the rest of the world, conceive of their histories? How and why did they time their rituals? What knowledge can we acquire about their time from studying the material record they left behind? *The Measure and Meaning of Time in Mesoamerica and the Andes* brings together diverse specialists to contemplate temporal concepts gleaned from the Central Mexicans, Mayans, and Andeans. They discuss how time becomes an inescapable feature of the process of perception, an entity that occupies a succession of moments, rather than the knife-edge present ingrained in our Western minds.

distributed by

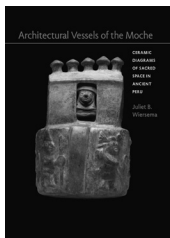
HARVARD UNIVERSITY PRESS

Please visit booth #507 for a 20% conference discount

NEW IN ARCHAEOLOGY FROM TEXAS

Architectural Vessels of the Moche *Ceramic Diagrams of Sacred Space in Ancient Peru*

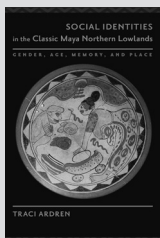
BY JULIET WIERSEMA



This volume is the first to assemble and analyze a comprehensive body of ancient Andean architectural representations, as well as the first that explores their connections to full-scale pre-Hispanic ritual architecture.

Social Identities in the Classic Maya Northern Lowlands *Gender, Age, Memory, and Place*

BY TRACI ARDREN



Using new archaeological data from four major cities of the Classic Maya world, this book explores how gender, age, familial and community memories, and the experience of living in an urban setting interacted to form social identities.

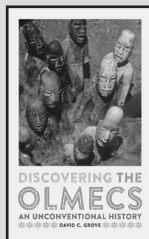
Competitive Archaeology in Jordan *Narrating Identity from the Ottomans to the Hashemites*

BY ELENA D. CORBETT



Tracing the complex history of Jordan through its archaeology, *Competitive Archaeology in Jordan* examines how foreign and indigenous powers have competed for and used antiquities to create their own narratives, national identities, borders, and conceptions of the nation.

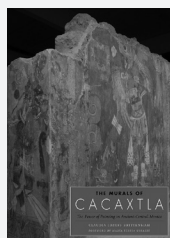
Discovering the Olmecs *An Unconventional History* BY DAVID C. GROVE



This lively history of seven decades of archaeological exploration in the Olmec region of Mexico tells the fascinating backstory of how archaeological discoveries are made while offering an exceptional overview of this ancient civilization.

The Murals of Cacaxtla *The Power of Painting in Ancient Central America*

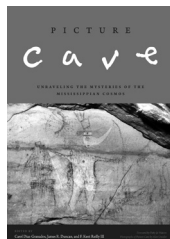
BY CLAUDIA BRITTENHAM



Presenting the first comprehensive art historical study of some magnificent Mesoamerican murals, this book demonstrates how generations of ancient Mexican artists, patrons, and audiences created a powerful statement of communal identity that still captures the imagination.

Picture Cave *Unraveling the Mysteries of the Mississippian Cosmos*

EDITED BY CAROL DIAZ-GRANADOS,
JAMES R. DUNCAN, AND
F. KENT REILLY III



The first complete visual documentation and a pioneering iconographic analysis of *Picture Cave*, an eastern Missouri cavern filled with Native American pictographs that is one of the most important prehistoric sites in North America.

UNIVERSITY OF
TEXAS PRESS



www.utexaspress.com

NEW TITLES COMING THIS SUMMER



The Inka Empire

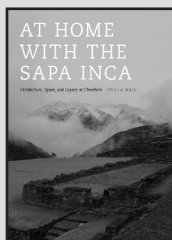
A Multidisciplinary Approach

EDITED BY IZUMI SHIMADA

Leading international scholars from many complementary disciplines present a state-of-the-art, holistic, and in-depth vision of the Inka Empire, the largest political system that ever developed in the ancient New World.

(40% Discount and free shipping/Available June 2015)

DISPLAY COPIES
IN THE BOOTH



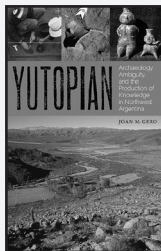
At Home with the Sapa Inca

Architecture, Space, and Legacy at Chinchero

BY STELLA NAIR

This major architectural survey and analysis of the Inca royal estate at Chinchero significantly increases our understanding of how the Inca conceived, constructed, and gave meaning to their built environment.

(40% Discount and free shipping/Available July 2015)



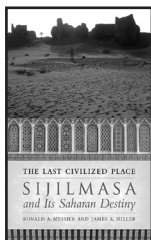
Yutopian

Archaeology, Ambiguity, and the Production of Knowledge in Northwest Argentina

BY JOAN M. GERO

Written by a pioneer of archaeological theory, this account of an Early Formative village in Northwest Argentina offers a new model for the site report that illustrates how the fieldwork experience shapes the production of archaeological knowledge.

(40% Discount and free shipping/Available July 2015)



The Last Civilized Place

Sijilmasa and Its Saharan Destiny

BY RONALD A. MESSIER AND JAMES A. MILLER

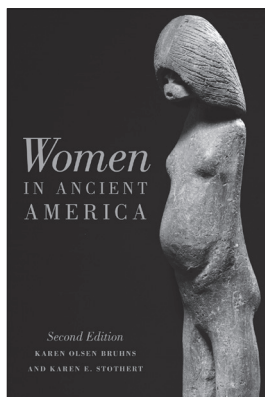
Drawing on archaeological discoveries and historical accounts, this book tells the lively story of Morocco's legendary golden city and its pivotal role in medieval transcontinental trade, the spread of Islam, and the rise of several ruling dynasties.

(40% Discount and free shipping/Available June 2015)



UNIVERSITY OF TEXAS PRESS

www.utexaspress.com

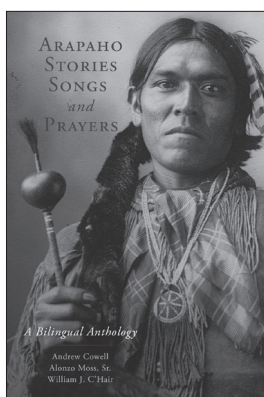


WOMEN IN ANCIENT AMERICA

Second Edition

By Karen Olsen Bruhn and
Karen E. Stothert

\$24.95 PAPER · 312 PAGES

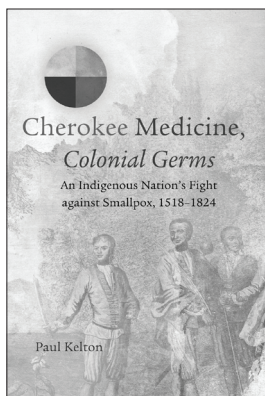


ARAPAHO STORIES, SONGS, AND PRAYERS

A Bilingual Anthology

By Andrew Cowell,
Alonzo Moss, Sr., and
William J. C'Hair

\$55.00 CLOTH · 584 PAGES

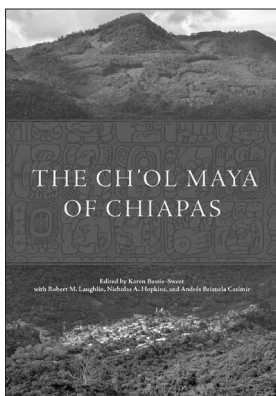


CHEROKEE MEDICINE, COLONIAL GERMS

**An Indigenous Nation's Fight
against Smallpox, 1518-1824**

By Paul Kelton

\$29.95 CLOTH · 296 PAGES



THE CH'OL MAYA OF CHIAPAS

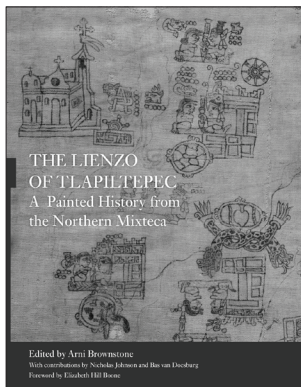
Edited by Karen Bassie-Sweet

\$45.00 CLOTH · 288 PAGES



UNIVERSITY OF OKLAHOMA PRESS

THE UNIVERSITY OF OKLAHOMA IS AN EQUAL OPPORTUNITY INSTITUTION. WWW.OU.EDU/EOO



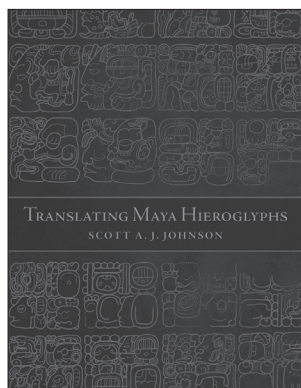
THE LIENZO OF Tlapiltepec

**A Painted History from
Northern Mixteca**

Edited by Arni Brownstone

\$50.00 CLOTH · 216 PAGES

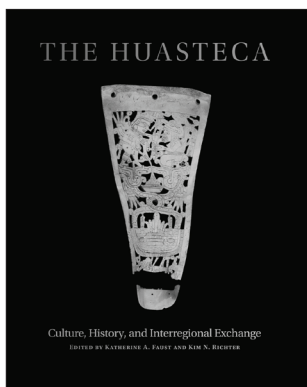
\$34.95 PAPER · 216 PAGES



TRANSLATING MAYA HIEROGLYPHS

By Scott A. J. Johnson

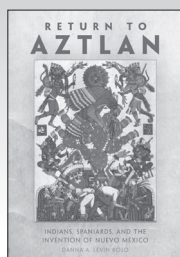
\$26.95 PAPER · 320 PAGES



THE HUASTECA Culture, History, and Interregional Exchange

Edited by Katherine A. Faust
and Kim N. Richter

\$55.00 CLOTH · 256 PAGES



RETURN TO AZTLAN

**Indians, Spaniards, and the
Invention of Nuevo México**

By Danna A. Levin Rojo

\$34.95 CLOTH · 320 PAGES

BROWSE OUR BOOKS IN BOOTH 115 AND LEARN ABOUT LATIN
AMERICAN AND CARIBBEAN ARTS AND CULTURES, A NEW PUBLISHING
INITIATIVE FUNDED BY THE ANDREW W. MELLON FOUNDATION.

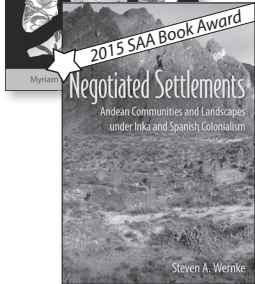
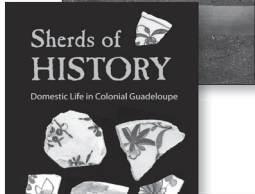
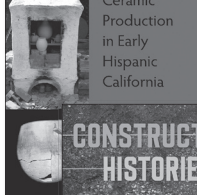
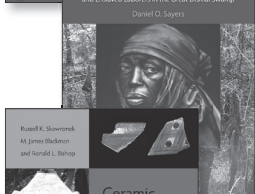
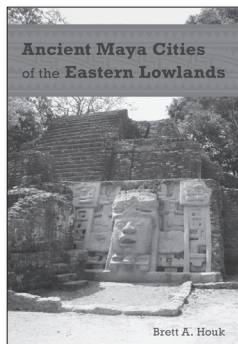
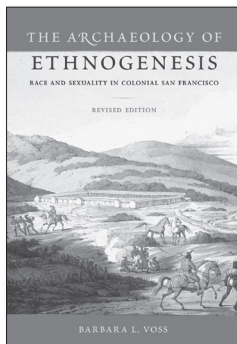
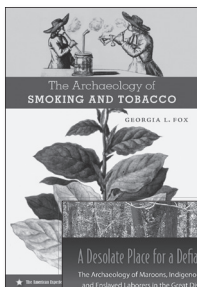
2800 VENTURE DRIVE · NORMAN, OK 73069

TEL 800 627 7377 · OUPRESS.COM



DISCOVER archaeology

Visit booth #402-404 for discounts up to 60%



The Archaeology of Ethnogenesis *Race and Sexuality in Colonial San Francisco*

REVISED EDITION

BARBARA L. VOSS

Now in Paper \$29.95 \$25.00

The Archaeology of Smoking and Tobacco

GEORGIA L. FOX

Hardcover \$69.95 \$30.00

A Desolate Place for a Defiant People *The Archaeology of Maroons, Indigenous Americans, and Enslaved Laborers in the Great Dismal Swamp*

DANIEL O. SAYERS

Hardcover \$79.95 \$35.00

Ceramic Production in Early Hispanic California *Craft, Economy, and Trade on the Frontier of New Spain*

RUSSELL K. SKOWRONEK, M. JAMES BLACKMAN, AND RONALD L. BISHOP

Hardcover \$84.95 \$40.00

Sherds of History *Domestic Life in Colonial Guadeloupe*

MYRIAM ARCANGELI

Hardcover \$74.95 \$30.00

Ancient Maya Cities of the Eastern Lowlands

BRETT A. HOUK

Hardcover \$79.95 \$35.00

Constructing Histories *Archaic Freshwater Shell Mounds and Social Landscapes of the St. Johns River, Florida*

ASA R. RANDALL

Hardcover \$79.95 \$35.00

Available August

Ancient Maya Political Dynamics

ANTONIA E. FOIAS

Now in Paper \$24.95 \$18.00

Trends and Traditions in Southeastern Zooarchaeology

TANYA M. PERES, ED.

Hardcover \$79.95 \$35.00

Negotiated Settlements *Andean Communities and Landscapes under Inka and Spanish Colonialism*

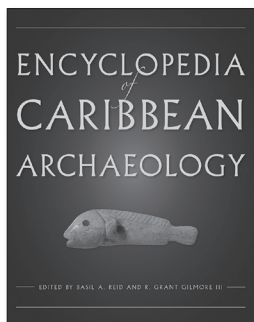
STEVEN A. WERNKE

Now in Paper \$31.95 \$24.00



from UNIVERSITY PRESS OF FLORIDA

Order online at www.upf.com and use discount code SAA15



Encyclopedia of Caribbean Archaeology

BASIL A. REID AND R. GRANT GILMORE III, EDS.
Hardcover \$100.00 \$60.00

The Archaeology of Race in the Northeast

CHRISTOPHER N. MATTHEWS AND ALLISON MANFRA MCGOVERN, EDS.
Hardcover \$84.95 \$40.00

The Archaeology of Gender in Historic America

DEBORAH L. ROTMAN
Hardcover \$69.95 \$30.00
Available August

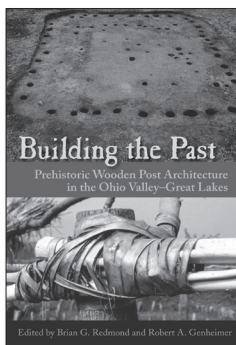
**Rethinking Colonialism
Comparative Archaeological Approaches**

CRAIG N. CIPOLLA AND KATHERINE HOWLETT HAYES, EDS.
Hardcover \$79.95 \$35.00
Available June

Cusco

Urbanism and Archaeology in the Inka World

IAN FARRINGTON
Now in Paper \$34.95 \$25.00



Building the Past
Prehistoric Wooden Post Architecture in the Ohio Valley-Great Lakes

BRIAN G. REDMOND AND ROBERT A. GENHEIMER, EDS.
Hardcover \$84.95 \$40.00

**Ancient Maya Pottery
Classification, Analysis, and Interpretation**

JAMES JOHN AIMERS, ED.
Now in Paper \$26.95 \$18.00

**Migration and Disruptions
Toward a Unifying Theory of Ancient and Contemporary Migrations**

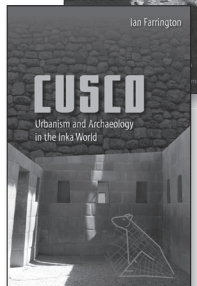
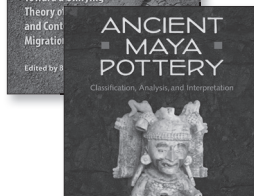
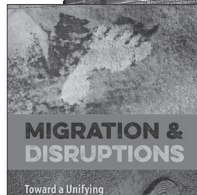
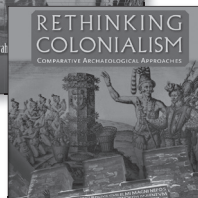
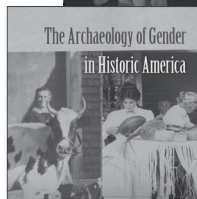
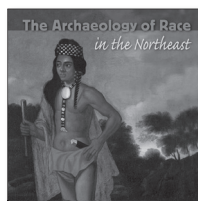
BRENDA J. BAKER AND TAKEYUKI TSUDA, EDS.
Hardcover \$84.95 \$40.00
Available August

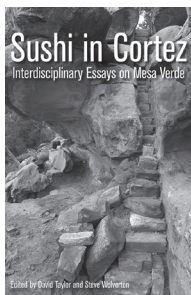
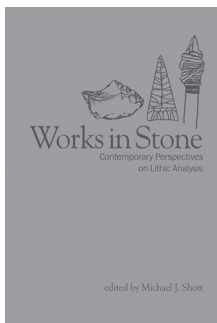
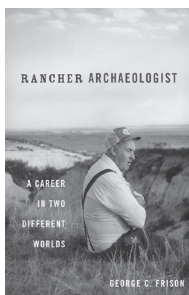
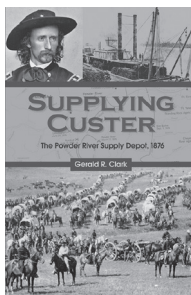
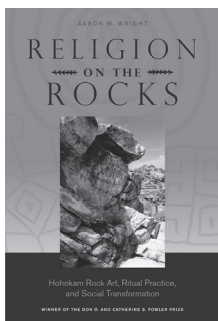
**Everyday Life Matters
Maya Farmers at Chan**

CYNTHIA ROBIN
Hardcover \$74.95 \$30.00

**Slavery Behind the Wall
An Archaeology of a Cuban Coffee Plantation**

THERESA A. SINGLETON
Hardcover \$74.95 \$30.00
Available June





Religion on the Rocks

Hohokam Rock Art, Ritual Practice, and Social Transformation

Aaron M. Wright

CLOTH \$65.00 \$42.25

Supplying Custer

The Powder River Supply Depot, 1876

Gerald R. Clark

PAPER \$24.95 \$16.22

Rancher Archaeologist

A Career in Two Different Worlds

George C. Frison

CLOTH \$45.00 \$29.25

Works in Stone

Contemporary Perspectives on Lithic Analysis

Edited by Michael J. Shott

CLOTH \$65.00 \$42.25

BOOK SIGNING

with

Aaron M. Wright

Winner of the Don D. and Catherine S. Fowler Prize

Friday, 11:00 AM–Noon

at

The University of Utah Press Booth

Alliance and Landscape on Perry Mesa in the Fourteenth Century

Edited by David R. Abbott and Katherine A. Spielmann

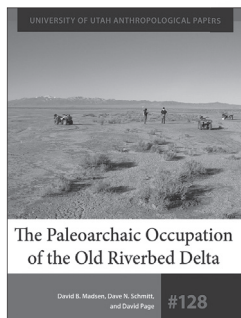
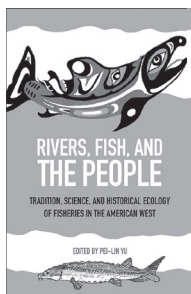
CLOTH \$50.00 \$32.50

Sushi in Cortez

Interdisciplinary Essays on Mesa Verde

Edited by David Taylor and Steve Wolverton

PAPER \$19.95 \$12.97



Rivers, Fish, and the People

Tradition, Science, and Historical Ecology of Fisheries in the American West

Edited by Pei-Lin Yu

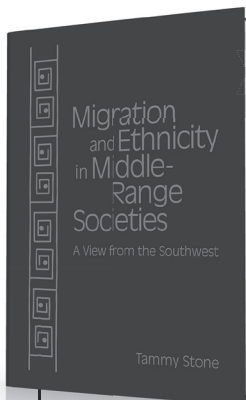
PAPER \$40.00 \$26.00

The Paleoarchaic Occupation of the Old Riverbed Delta

University of Utah Anthropological Papers No. 128

Edited by David B. Madsen, Dave N. Schmitt, and David Page

PAPER \$55.00 \$35.75



COMING SOON

Migration and Ethnicity in Middle-Range Societies

A View from the Southwest

Tammy Stone

EXPLORATIONS IN BEHAVIORAL ARCHAEOLOGY

Edited by William H. Walker and James M. Skibo



FORTHCOMING

Migration and Ethnicity in Middle-Range Societies

A View from the Southwest

Tammy Stone

An archaeological case study of the complex social dynamics of migration and identity

CLOTH \$50.00 \$32.50 COMING JUNE 2015

Explorations in Behavioral Archaeology

Foundations of Archaeological Inquiry

Edited by William H. Walker and James M. Skibo

Discusses the impact and contributions of behavioral archaeology to archaeology at large

PAPER \$45.00 \$29.25 COMING JUNE 2015

BOOTHS 301 & 303

35% DISCOUNT ON ALL TITLES (conference only)



THE UNIVERSITY OF UTAH PRESS

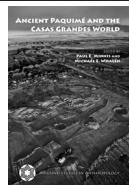
J. WILLARD MARRIOTT LIBRARY | THE UNIVERSITY OF UTAH 

www.UofUpress.com | 800-621-2736

Experts in Archaeology since 1959.

The University of Arizona Press

www.uapress.arizona.edu



Ancient Paquimé and the Casas Grandes World

Edited by Paul E. Minnis
and Michael E. Whalen

Amerind Studies in Anthropology

Ancient Plants and People

Contemporary Trends in
Archaeobotany

Edited by Marco Madella, Carla
Lancelotti, and Manon Savard

Archaeology at El Perú-Waka'

Ancient Maya Performances of
Ritual, Memory, and Power

Edited by Olivia C. Navarro-Farr
and Michelle Rich

Native Peoples of the Americas

Chaco Revisited

New Research on the Prehistory
of Chaco Canyon, New Mexico

Edited by Carrie C. Heitman
and Stephen Plog

Amerind Studies in Anthropology

Complex Communities

*The Archaeology of Early Iron Age
West-Central Jordan*

Benjamin W. Porter

ASOR 2015 G. Ernest Wright Award Winner

Living and Leaving

A Social History of Regional
Depopulation in Thirteenth-
Century Mesa Verde

Donna M. Glowacki

Living with the Dead in the Andes

Edited by Izumi Shimada
and James L. Fitzsimmons

Traditional Arid Lands Agriculture

Understanding the Past for the Future

Edited by Scott E. Ingram
and Robert C. Hunt

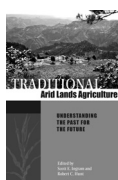
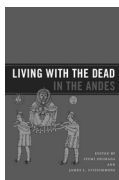
Transformation by Fire

*The Archaeology of Cremation
in Cultural Context*

Edited by Ian Kuijt, Colin P. Quinn,
and Gabriel Cooney

Amerind Studies in Anthropology

*Visit our booth to learn about special
discounts and desk and exam copies*



THE UNIVERSITY OF
ARIZONA PRESS

www.uapress.arizona.edu



ELSEVIER

Visit us at booth #508 and speak to us to:

- Sign up for a slot in one of our **Speed Review sessions** with editors from our journals
- Find out how to get published, including more about how to publish your article **open access**
- Find out how you can **enhance and promote** your article and get your research noticed

Join us for treats from **11 am on Thursday** and find out about our new journals *Journal of Archaeological Science: Reports* and *Archaeological Research in Asia*.

Elsevier.com/archaeology



MAGNETICS in ARCHAEOLOGY



Modern geophysical tools provide archaeologists with excellent results discovering new historical areas. **GEM's** magnetometers and gradiometers offer proven methods for environmentally friendly prospecting. They reduce survey costs, deliver high-volume detailed data, and help plan digs for maximum efficiency. **GEM** offers archaeological professionals cost-effective, reliable, light-weight systems with GPS options to augment field results.

GEM Advanced Magnetometers is a world leader in supplying reliable, easy-to-use, and accurate instruments for projects in many different environments. Stand-alone systems are available, as well as multi-sensor systems which enable the acquisition of high volumes of data efficiently and at minimal cost.



Visit **GEM**
at booth #110
to learn more

GEM Systems, Inc.

135 Spy Court • Markham, ON
L3R 5H6 • Canada

Tel: +1.905.752.2202 • Fax: +1.905.752.2205

Email: info@gemsys.ca • Web: www.gemsys.ca



**Specialists in microscopic analysis
of archeological remains**

SCOPE

**/sköp/
Noun**

- 1.Capacity for action**
 - 2.Range of view, perception**
 - 3.Instrument for observing & detecting**
- Verb**

- 1. To look for, to check out**

- Quality thin sections
- Petrography, SEM
- Macrobotanical
- Phytoliths
- Starch grain analysis
- Ceramic & stone artifacts
- Architectural materials
- Geological samples



Sample Preparation



Analytical Services

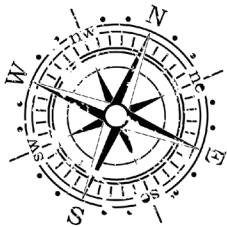


Consultancy & Training

SCOPE us out!

hdanalyticalsolutions.com • info.hdas@gmail.com

 **HD AnalyticalSolutions** • (226) 237-4724



Archaeology Field School

/ ahr-kee-ol-uh-jee •

feeld-skool /: 1. A research based learning experience that casts off the limits of traditional education 2. An academically rigorous and physically challenging adventure 3. For when classroom experience is simply not enough.



THIS IS WHERE

I develop my career in the
heritage sector

This is distance learning at Leicester, with over
25 years' experience delivering quality courses

Our expertise, wherever you are

If you're looking to polish your archaeology credentials or join
the only course in Britain tailored for museum and gallery staff,
plot your heritage career path with the University of Leicester.

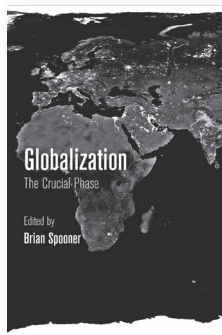
Start your journey

e: dladvisers@le.ac.uk

www.le.ac.uk/thisisheritage



University of
Leicester



GLOBALIZATION

The Crucial Phase

Edited by Brian Spooner

2015 | 392 pages | 51 illus. | Cloth | \$69.95

EVOLUTION OF MIND, BRAIN, AND CULTURE

Edited by Gary Hatfield and Holly Pittman

2013 | 496 pages | 27 illus. | Cloth | \$69.95

EXCAVATIONS AT GILUND

The Artifacts and Other Studies

Edited by Vasant Shinde, Teresa P. Raczek,
and Gregory L. Possehl

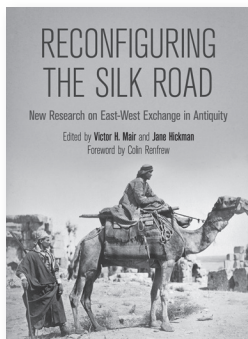
2014 | 272 pages | 427 illus. | Cloth | \$99.95

HASANLU V

The Late Bronze and Iron I Periods

Michael D. Danti. Contributions by
Megan Cifarelli

2013 | 520 pages | 8 color, 200 b/w illus. +
large-scale plan | Cloth | \$89.95



RECONFIGURING THE SILK ROAD

*New Research on East-West Exchange in
Antiquity*

Edited by Victor H. Mair and Jane Hickman.

Foreword by Colin Renfrew

2014 | 136 pages | 31 color, 9 b/w illus. |
Cloth | \$59.95

EXPERIENCING POWER, GENERATING AUTHORITY

*Cosmos, Politics, and the Ideology of Kingship
in Ancient Egypt and Mesopotamia*

Edited by Jane A. Hill, Philip Jones, and
Antonio J. Morales

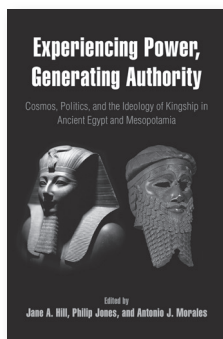
2013 | 480 pages | 47 illus. | Cloth | \$69.95

THE ARCHAEOLOGY OF PHRYGIAN GORDION, ROYAL CITY OF MIDAS

Gordion Special Studies 7

Edited by C. Brian Rose

2013 | 360 pages | 13 color, 230 b/w illus. +
large-scale plan | Cloth | \$79.95



Penn Museum

UNIVERSITY of PENNSYLVANIA MUSEUM
of ARCHAEOLOGY and ANTHROPOLOGY

www.pennpress.org

1.800.537.5847

TEXAS A&M UNIVERSITY PRESS

BOOTH #113

30% DISCOUNT!

Kennewick Man

*The Scientific Investigation
of an Ancient American Skeleton*

Edited by Douglas W. Owsley and Richard L. Jantz

Emergence and Diversity of Modern Human Behavior in Paleolithic Asia

Edited by Yousuke Kaifu, Masami Izuho, Ted Goebel,
Hiroyuki Sato, and Akira Ono

The Hogeve Clovis Cache

Michael R. Waters and Thomas A. Jennings

Clovis

On the Edge of a New Understanding

Edited by Ashley M. Smallwood and Thomas A. Jennings

La Belle, the Ship That Changed History

Edited by James E. Bruseth

The Ship That Held Up Wall Street

Warren C. Riess with Sheli O. Smith

The Origins of the Lost Fleet of the Mongol Empire

Randall J. Sasaki

Dutch East India Company Shipbuilding

*The Archaeological Study of Batavia
and Other Seventeenth-Century VOC Ships*
Wendy van Duivenvoorde

Paleoamerican Odyssey - NEW IN PAPERBACK

Edited by Kelly E. Graf, Caroline V. Ketron,
and Michael R. Waters

KENNEWICK MAN

**The Scientific Investigation of
an Ancient American Skeleton**

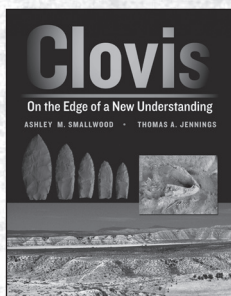
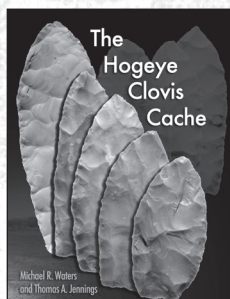
Edited by Douglas W. Owsley and Richard L. Jantz

Emergence and Diversity of Modern Human Behavior in Paleolithic Asia

*Edited by Yousuke Kaifu,
Masami Izuho, Ted Goebel,
Hiroyuki Sato, and Akira Ono*



These titles and more also
available as ebooks.



TEXAS A&M UNIVERSITY PRESS

www.tamupress.com • 800-826-8911



The University of Georgia®

CENTER FOR APPLIED ISOTOPE STUDIES

Radiocarbon Dating

AMS & Conventional

Isotope Ratios

δD , $\delta^{13}C$, $\delta^{15}N$, $\delta^{18}O$, $\delta^{34}S$, $^{87}Sr/^{86}Sr$,
C/N ratio

Elemental Analysis

ED-XRF, WD-XRF, portable-XRF

CHN-elemental analysis of bulk samples

ICP-MS, ICP-OES

COMPETITIVE PRICING — RAPID TURN-AROUND — HIGH QUALITY DATA

CAIS scientists have more than 100 years of direct hands-on radiocarbon dating experience with archaeological and geological materials

Alex Cherkinsky, cherkin@uga.edu

*Radiocarbon dating, Bone/Tooth
Analysis, Sr isotopes*

Doug Dvoracek, dvoracek@uga.edu

*Radiocarbon dating, XRF,
Geochemistry, Geology*

Randy Culp, rculp@uga.edu

*Stable Isotopes, Natural Products
Authenticity, and Biobased Content*

Jeff Speakman, archsci@uga.edu

*Radiocarbon dating, XRF,
Geochemistry, Archaeology*

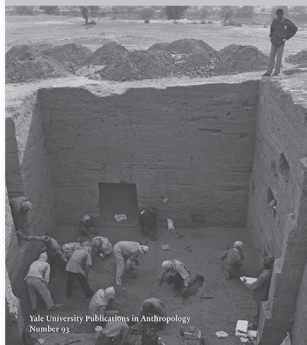
www.cais.uga.edu

120 Riverbend Rd, Athens, GA 30602
706-542-1395

The Search for Takrur

Archaeological Excavations and Reconnaissance
along the Middle Senegal Valley

Edited by Roderick J. McIntosh, Susan Keech McIntosh
and Hamady Bocoum



Yale University Publications in Anthropology
Number 93

The Search for Takrur

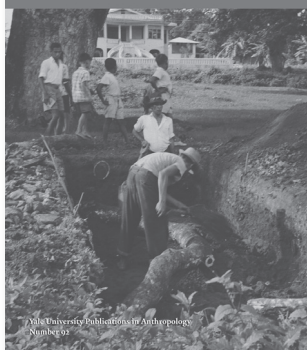
*Archaeological Excavations
and Reconnaissance along the
Middle Senegal Valley*

Edited by
Roderick J. McIntosh,
Susan Keech McIntosh
and Hamady Bocoum

NUMBER 93
approx. 584 p., 6 3/4 x 9 3/4
266 b&w illus., tables,
appendices, bibliography, index
ISBN 9780300203899 | Paper

**The 1946 and 1953 Yale University
Excavations in Trinidad**

Arie Boomert, Birgit Faber-Morse and Irving Rouse



Yale University Publications in Anthropology
Number 92

The 1946 and 1953

**Yale University Excavations
in Trinidad**

By Arie Boomert, Birgit Faber-
Morse and Irving Rouse
With contributions by A. J. Daan
Isendoorn and Annette Silver

NUMBER 92
200 p., 6 3/4 x 9 3/4
86 b&w illus., tables,
appendices, bibliography, index
ISBN 9780913516287 | Paper

Also available:

The Prehistory of Nevis, a Small Island in the Lesser Antilles | Samuel M. Wilson
Jolly Beach and the Preceramic Occupation of Antigua, West Indies | Dave D. Davis
Excavations at the Indian Creek Site, Antigua, West Indies
Irving Rouse and Birgit Faber-Morse

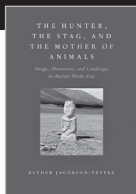
PUBLISHED BY THE YALE DEPARTMENT OF ANTHROPOLOGY
AND THE YALE PEABODY MUSEUM OF NATURAL HISTORY

To order and for a complete listing of titles in this series:

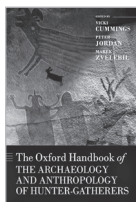
Yale UNIVERSITY PRESS

www.yalebooks.co.uk | yalebooks.com | 1.800.405.1619

NEW from OXFORD



**SHIFTING STONES,
SHAPING THE PAST**
*Sculpture from the Buddhist
Stupas of Andhra Pradesh*
CATHERINE BECKER
2014 | 352 pp. One map, 108
photos
Hardcover \$99.00
Paperback \$35.00



RELICS OF THE PAST
*The Collecting and Studying
of Pre-Columbian Antiquities
in Peru and Chile, 1837–1911*
STEFANIE GÄNGER
(*Oxford Studies in the History
of Archaeology*)
2014 | 328 pp. 22 illus.
Hardcover \$120.00

**THE INNER LIVES OF
ANCIENT HOUSES**
An Archaeology of Dura-Europos
J. A. BAIRD
2014 | 400 pp. 105 illus.
Hardcover \$150.00

OBJECTS AND IDENTITIES
*Roman Britain and the
North-Western Provinces*
HELLA ECKARDT
2015 | 296 pp. 67 illus. 4 color
plates
Hardcover \$125.00

**RETHINKING COLONIAL
PASTS THROUGH
ARCHAEOLOGY**
Edited by NEAL FERRIS,
RODNEY HARRISON, and
MICHAEL V. WILCOX
2015 | 552 pp. 52 illus.
Hardcover \$175.00

**AN ARCHAEOLOGICAL
HISTORY OF
INDIAN BUDDHISM**
Lars Fogelin
2015 | 264 pp. 60 illus.
Hardcover \$135.00
Paperback \$45.00

THE PEOPLE OF SUNGHIR
*Burials, Bodies, and Behavior
in the Earlier Upper Paleolithic*
ERIK TRINKAUS,
ALEXANDRA P. BUZHILOVA,
MARIA B. MEDNIKOVA, and
MARIA V. DOBROVOLSKAYA
(*Human Evolution Series*)
2014 | 368 pp. 254 illus.
Hardcover \$175.00

TANGIBLE THINGS
Making History through Objects
LAUREL THATCHER
ULRICH, IVAN GASKELL,
SARA SCHECHNER, SARAH
ANNE CARTER, and with
photographs by SAMANTHA
VAN GERBIG
2015 | 280 pp. 200 color illus.
Hardcover \$75.00
Paperback \$39.95

**PREHISTORIC COPPER
MINING IN EUROPE**
5500–500 BC
WILLIAM O'BRIEN
2015 | 416 pp. 130 bw illus.
Hardcover \$135.00

EARLY FARMERS
*The View from Archaeology
and Science*
Edited by ALASTAIR
WHITTLE and PENNY BICKLE
(*Proceedings of the British Academy*)
2014 | 400 pp. Numerous figures
and tables
Hardcover \$135.00

HORSE NATIONS
*The Worldwide Impact of the
Horse on Indigenous Societies
Post–1492*
PETER MITCHELL
2015 | 496 pp. 97 bw illus. and
16 colour plates
Hardcover \$49.95

**ASHES, IMAGES, AND
MEMORIES**
*The Presence of the War Dead
in Fifth-Century Athens*
NATHAN T. ARRINGTON
2014 | 360 pp. 85 illus.
Hardcover \$60.00

**THE HUNTER, THE STAG,
AND THE MOTHER OF
ANIMALS**
*Image, Monument, and
Landscape in Ancient North Asia*
ESTHER JACOBSON-TEPPER
2015 | 448 pp. 251 illus., with
maps
Hardcover \$85.00

**AN ARCHAEOLOGICAL
HISTORY OF INDIAN
BUDDHISM**
LARS FOGELIN
2015 | 264 pp. 30 line drawings
and 30 halftones
Hardcover \$99.00
Paperback \$35.00

ANCIENT SCANDINAVIA
*An Archaeological History from
the First Humans to the Vikings*
T. DOUGLAS PRICE
2015 | 520 pp. 298 illus.
Hardcover \$65.00

OXFORD HANDBOOKS

**THE OXFORD
HANDBOOK OF THE
ARCHAEOLOGY AND
ANTHROPOLOGY OF
HUNTER-GATHERERS**
Edited by VICKI
CUMMINGS, PETER
JORDAN, and MAREK
ZVELEBIL
2014 | 1,360 pp. 123 illus.
Hardcover \$199.00

**THE OXFORD
HANDBOOK OF THE
ARCHAEOLOGY OF
THE LEVANT**
c. 8000–332 BCE
Edited by MARGREET
L. STEINER and ANN E.
KILLEBREW
2014 | 912 pp. 227 illus.
Hardcover \$175.00

**THE OXFORD
HANDBOOK OF
NORTH AMERICAN
ARCHAEOLOGY**
TIMOTHY PAUKETAT
2015 | 704 pp. 178 illus.
Paperback \$50.00

**THE OXFORD
HANDBOOK OF
NEOLITHIC EUROPE**
Edited by CHRIS
FOWLER, JAN HARDING,
and DANIELA HOFMANN
2015 | 856 pp. 197 illus.
Hardcover \$185.00

ONLINE PRODUCTS
oxfordonline.com

OXFORD JOURNALS
CLASSICAL RECEPTIONS
crj.oxfordjournals.org

OUP is the proud distributor of Hurst Publications, The American University in Cairo Press, Edinburgh University Press, Liverpool University Press, Manchester University Press, and Fordham University Press.

Archaeology, Conservation & Heritage

New journals for 2015 from Maney Publishing

To read these journals online, or for more information on how to submit or subscribe, please visit the journal homepages as detailed below.



A new open access journal from Maney

Science and Technology of Archaeological Research

Published in association with the **Society for Archaeological Sciences**, *STAR* seeks to provide an international forum for archaeological research resulting from the application of scientific and technological methods.

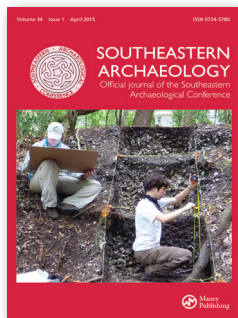
www.maneyonline.com/star



PaleoAmerica: A journal of early human migration and dispersal

PaleoAmerica disseminates new research about early human dispersal and migrations, with a particular focus on the Americas. It fosters a dialog for those investigating the dispersal of modern humans during the late Pleistocene.

www.maneyonline.com/pal



Southeastern Archaeology

Southeastern Archaeology publishes papers concerning the archaeology and history of southeastern North America and neighboring regions. It defines the southeast broadly and covers all time periods, from Paleoindian to recent history.

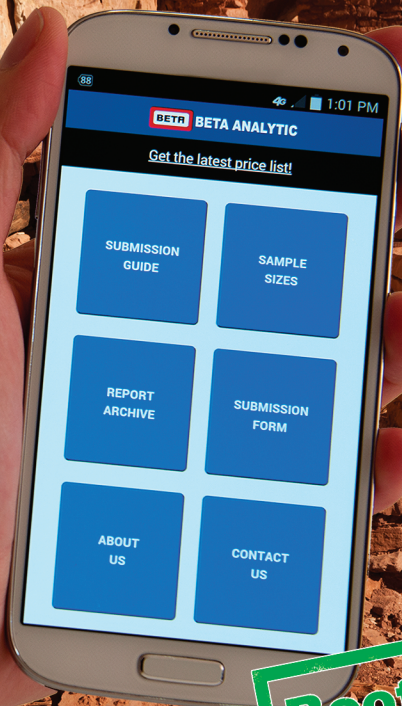
www.maneyonline.com/sea



Maney Publishing
Research • Knowledge • Innovation

www.maneyonline.com/archaeo

Your Radiocarbon Results Our Expertise All in your Pocket



Booth #201

- High-quality results within 2-14 business days
- Consultation before, during and after analysis



Beta Analytic
Radiocarbon Dating
Since 1979

Discover the
BETA app for free at:
radiocarbon.com/app

