

Program

Wednesday Afternoon ■ March 30, 2011

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

Wednesday Evening ■ March 30, 2011

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

Participants:

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

Thursday Morning ■ March 31, 2011

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

Participants:

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

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

[3] POSTER SESSION ■ ARCHAEOLOGICAL METHOD AND THEORY

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

[4] POSTER SESSION ■ ARCHAEOLOGY OF OLD WORLD LANDSCAPES

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

[5] POSTER SESSION ■ GLOBAL PERSPECTIVES ON CERAMIC ANALYSIS

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

Room: 302/303 (CC)

Time: 8:00 AM–10:00 AM

Organizer: Payson Sheets

Chair: Christine Dixon

Participants:

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

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

Room: 316 (CC)

Time: 8:00 AM–10:00 AM

Chair: Damien Marken

Participants:

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

[10] GENERAL SESSION ■ ARCHAEOLOGICAL METHODS

Room: 305 (CC)

Time: 8:00 AM–10:15 AM

Participants:

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

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

Participants:

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

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

Participants:

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

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

Room: 104/105 (CC)

Time: 8:00 AM–10:30 AM

Organizers: Marta Sobur and Crystal Fritz

Chairs: Crystal Fritz and Marta Sobur

Participants:

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

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

Room: 306 (CC)

Time: 8:00 AM–10:45 AM

Organizers: David Anderson and Nancy Peniche May

Chair: Sherman Horn

Participants:

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

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

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

Room: 309/310 (CC)

Time: 8:00 AM–11:15 AM

Organizers: Ronald Lippi and Alejandra Gudino

Chair: Alejandra Gudino

Participants:

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

[16] SYMPOSIUM ■ EXPLORING SEX AND GENDER IN BIOARCHAEOLOGY

Room: 202 (CC)

Time: 8:00 AM–11:30 AM

Organizers and Chairs: Sabrina Agarwal and Julie Wesp

Participants:

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

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

[17] SYMPOSIUM ■ QUESTIONING ASSUMPTIONS: CELEBRATING THE WORK AND INFLUENCE OF JOHN D. SPETH, PART 1

Room: 307 (CC)

Time: 8:00 AM–11:15 AM

Organizer: Thomas Rocek

Chair: Robert Kelly

Participants:

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

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

Room: 313 (CC)

Time: 8:00 AM–11:30 AM

Organizer and Chair: Nancy Parezo

Participants:

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

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

(Sponsored by The Society for Archaeological Sciences)

Room: 301 (CC)

Time: 8:00 AM–11:45 AM

Organizers: Andrew Barker, Nora Reber and Steve Wolverton

Chair: Andrew Barker

Participants:

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

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

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

Room: 308 (CC)

Time: 8:00 AM–11:45 AM

Organizer: Ted Neff

Chairs: Ted Neff and Jan Balsom

Participants:

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

[21] SYMPOSIUM ■ LOS OTOMÍES EN LA HISTORIA MESOAMERICANA

Room: 203 (CC)

Time: 8:00 AM–11:45 AM

Organizers: Diana Zaragoza and Mari Carmen Serra

Chair: Diana Zaragoza

Participants:

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

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

Room: 314 (CC)

Time: 8:00 AM–12:00 PM

Organizer and Chair: Michael Shott

Participants:

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

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

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

Room: 311/312 (CC)

Time: 8:00 AM–11:45 AM

Organizers: Jade D'Alpoim Guedes and Anke Hein

Chair: Anke Hein

Participants:

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

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

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

Room: 315 (CC)

Time: 8:00 AM–12:00 PM

Organizers and Chairs: Steven Kosiba and John Janusek

Participants:

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

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

Room: 319 (CC)

Time: 8:00 AM–11:45 AM

Organizers: Michelle Elliott and Claire Alix

Chairs: Claire Alix and Michelle Elliott

Participants:

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

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

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

Room: 103 (CC)

Time: 8:45 AM–10:00 AM

Chair: Peter Biehl

Participants:

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

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

Room: 316 (CC)

Time: 10:15 AM–11:45 AM

Chair: Michael Galady

Participants:

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

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

[28] GENERAL SESSION ■ MAYA COSMOLOGY AND ICONOGRAPHY

Room: 317/318 (CC)

Time: 10:00 AM–12:00 PM

Participants:

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

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

Room: 302/303 (CC)

Time: 10:15 AM–12:00 PM

Chair: James Chatters

Participants:

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

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

Room: 103 (CC)

Time: 10:30 AM–11:45 AM

Chair: Chrissina Burke

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Organizer and Chair: Ellen Bell

Participants:

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

[32] POSTER SESSION ■ ARCHAEOLOGY OF LATIN AMERICA

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Organizer: Jo Burkholder

Chair: Peter Killoran

Participants:

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

[34] POSTER SESSION ■ MAYA ARCHAEOLOGY

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

[35] POSTER SESSION ■ PALEOETHNOBOTANICAL STUDIES

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Organizers: Jacob Freeman and Will Russell

Chair: Will Russell

Participants:

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

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

Participants:

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

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

Participants:

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

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

Participants:

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

Thursday Afternoon ■ March 31, 2011

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

Room: 316 (CC)

Time: 1:00 PM–2:45 PM

Chair: Meaghan Peuramaki-Brown

Participants:

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

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

Room: 309/310 (CC)

Time: 1:00 PM–3:00 PM

Organizer: Emiliano Gallaga

Chair: Marc Blainey

Participants:

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

[42] GENERAL SESSION ■ ARCHAEOLOGY OF THE NORTH ATLANTIC

Room: 304 (CC)

Time: 1:00 PM–3:00 PM

Participants:

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

[43] GENERAL SESSION ■ DISCUSSIONS IN ARCHAEOLOGICAL THEORY

Room: 305 (CC)

Time: 1:00 PM–3:00 PM

Chair: Daniel Pugh

Participants:

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

[44] THE ETHICS BOWL

Room: 203 (CC)

Time: 1:00 PM–3:00 PM

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

Room: 103 (CC)

Time: 1:00 PM–3:00 PM

Organizers: Christine Hastorf and Katherine Chiou and Alan Farahani

Chairs: Shanti Morell-Hart and Katherine Chiou

Participants:

Marijke van der Veen—Discussant

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

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

Participants:

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

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

Participants:

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

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

Participants:

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

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

Participants:

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

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

Participants:

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

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

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

Room: 316 (CC)

Time: 3:00 PM–5:00 PM

Chair: M. Brown

Participants:

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

[52] SYMPOSIUM ■ NEW PERSPECTIVES ON THE HOHOKAM

Room: 313 (CC)

Time: 1:00 PM–4:15 PM

Organizers: Jeffery Clark and Douglas Craig

Chairs: Douglas Craig and Jeffery Clark

Participants:

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

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

[53] SYMPOSIUM ■ QUESTIONING ASSUMPTIONS: CELEBRATING THE WORK AND INFLUENCE OF JOHN D. SPETH, PART 2

Room: 307 (CC)

Time: 1:00 PM–4:15 PM

Organizers: Thomas Rocek and Alison Rautman

Chair: Alison Rautman

Participants:

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

[54] SYMPOSIUM ■ CURRENT RESEARCH AND APPROACHES TO THE ARCHAEOLOGY OF COMMUNITIES CENTRAL AND NORTHEAST ASIA

Room: 311/312 (CC)

Time: 1:00 PM–4:30 PM

Organizers and Chairs: Joshua Wright and James Williams

Participants:

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

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

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

Room: 306 (CC)

Time: 1:00 PM–4:45 PM

Organizer and Chairs: Eric Jones

Participants:

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

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

[56] SYMPOSIUM ■ CURRENT RESEARCH IN MAYA BIOARCHAEOLOGY

Room: 202 (CC)

Time: 1:00 PM–4:45 PM

Organizer and Chair: Gabriel Wrobel

Participants:

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

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

Room: 301 (CC)

Time: 1:00 PM–5:00 PM

Organizers and Chairs: Brent Leftwich and Chris Morgan

Participants:

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

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

Room: 308 (CC)

Time: 1:00 PM–5:00 PM

Organizers: Anna Cohen, Marion Forest and Florencia Pezzutti

Chairs: Marion Forest and Anna Cohen

Participants:

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

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

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

Room: 314 (CC)

Time: 1:00 PM–5:00 PM

Organizers: Harry Lerner and Adrian Evans

Chairs: Danielle Macdonald and William Stemp

Participants:

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

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

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

(Sponsored by Rock Art Interest Group)

Room: 315 (CC)

Time: 1:00 PM–5:00 PM

Organizer and Chair: Lenville Stelle

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Organizer: Jonathan Thomas

Chair: Grant McCall

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Participants:

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

[63] POSTER SESSION ■ ADVANCES AND APPLICATIONS OF XRF AND LA-ICP-MS-PART 2
Room: East Lobby-Third Floor (CC)
Time: 2:30 PM–4:30 PM

Participants:

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

[64] POSTER SESSION ■ ARCHAEOLOGICAL APPLICATIONS OF GIS, GPR, AND REMOTE SENSING
Room: East Lobby-Third Floor (CC)
Time: 2:30 PM–4:30 PM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Organizers: Beverly Chiarulli and Angela Jaillet

Chair: Donna Smith

Participants:

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

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

(Sponsored by The PaleoResearch Institute)

Room: East lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Organizer and Chair: Janet Niessner

Participants:

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

[67] GENERAL SESSION ■ MESOAMERICAN SETTLEMENT

Room: 305 (CC)

Time: 3:15 PM–5:00 PM

Chair: Veronica Perez Rodriguez

Participants:

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

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

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

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

Participants:

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

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

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

Participants:

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

[70] GENERAL SESSION ■ ANIMAL DOMESTICATES IN THE AMERICAS

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

Participants:

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

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

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

Room: 104/105 (CC)

Time: 3:30 PM–4:45 PM

Chair: Patricia Lambert

Participants:

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

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

Room: 309/310 (CC)

Time: 3:30 PM–5:00 PM

Chair: Richard Paine

Participants:

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

[73] SYMPOSIUM ■ CONTEMPORARY RESEARCH IN ECUADORIAN ARCHAEOLOGY

Room: 203 (CC)

Time: 3:30 PM–5:00 PM

Organizer: Sarah Rowe

Chair: Mariuxi Cordero

Participants:

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

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

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

Room: 302/303 (CC)

Time: 3:30 PM–5:00 PM

Chair: Remy Crassard

Participants:

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

[75] GENERAL SESSION ■ MAYA RITUAL AND SACRED SPACE

Room: 317/318 (CC)

Time: 3:30 PM–4:45 PM

Participants:

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

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

Room: 204 (CC)

Time: 3:30 PM–4:45 PM

Organizer: Randi Scott

Chair: Kimberlee Moran

Participants:

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

Thursday Evening ■ March 31, 2011

[77] SYMPOSIUM ■ ISHI: REPATRIATING THE STORY

Room: 202 (CC)

Time: 6:00 PM–7:45 PM

Organizers: Antoinette Martinez and Kristina Crawford

Chair: Antoinette Martinez

Participants:

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

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

(Sponsored by Committee on Ethics)

Room: 103 (CC)

Time: 6:00 PM–8:00 PM

Organizer and Chair: Joe Watkins

Moderator: William Andrefsky Jr.

Participants:

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

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

Room: 317/318 (CC)

Time: 6:00 PM–8:00 PM

Organizer and Chair: Bethany Morrison

Participants:

- Jane Baxter—Discussant
- Wesley Bernardini—Discussant

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

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

Participants:

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

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

Participants:

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

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

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

(Sponsored by History of Archaeology Interest Group)

Room: East Lobby-Third Floor (CC)

Time: 6:00 PM–8:00 PM

Organizer and Chair: Bernard Means

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 6:00 PM–8:00 PM

Organizers: Lauren Perry

Chair: Lauren Perry

Participants:

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

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

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

(Sponsored by PaleoResearch Institute, Inc.)

Room: 104/105 (CC)

Time: 6:00 PM–8:00 PM

Organizer: Linda Scott Cummings

Chair: W. Michael Gear

Moderator: W. Michael Gear

Participants:

Laura Scheiber—Discussant

John Whittaker—Discussant

David Anderson—Discussant

Margaret Conkey—Discussant

W. Michael Gear—Discussant

Linda Scott Cummings—Discussant

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

Room: 307 (CC)

Time: 6:00 PM–8:15 PM

Organizer: Travis Stanton

Chair: Jonathan Pagliaro

Participants:

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

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

Room: 301 (CC)

Time: 6:00 PM–8:00 PM

Organizer and Chair: Jennifer Birch

Participants:

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

[87] SYMPOSIUM ■ HUMAN LIMITATIONS, AN ARCHEOLOGICAL PERSPECTIVE

Room: 203 (CC)

Time: 6:00 PM–8:15 PM

Organizer: Richard Rogers

Chair: Marsha Sims

Participants:

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

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

Room: 306 (CC)

Time: 6:00 PM–8:30 PM

Organizer: Barbara Voorhies

Chair: Heather Thakar

Participants:

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

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

Room: 316 (CC)

Time: 6:00 PM–8:30 PM

Chair: Matthew Napolitano

Participants:

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

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

Room: 315 (CC)

Time: 6:00 PM–8:15 PM

Organizers: Lisa Lucero and Roland Fletcher

Chair: Roland Fletcher

Participants:

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

[91] SYMPOSIUM ■ ARCHAEOLOGY AND PALEOECOLOGY IN RANGE CREEK CANYON, UTAH

Room: 319 (CC)

Time: 6:00 PM–8:45 PM

Organizers: Shannon Arnold and Duncan Metcalfe

Chair: Duncan Metcalfe

Participants:

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

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

(Sponsored by the Society for Archaeological Sciences)

Room: 302/303 (CC)

Time: 6:00 PM–8:45 PM

Organizer: Tatsuya Murakami

Chairs: Luis Barba and Tatsuya Murakami

Participants:

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

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

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

Room: 314 (CC)

Time: 6:00 PM–8:45 PM

Organizers: Giancarlo Marcone and William Locascio

Chair: Giancarlo Marcone

Participants:

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

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

Room: 313 (CC)

Time: 6:00 PM–9:00 PM

Organizer: Joel Janetski

Chair: James Snead

Participants:

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

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

[95] SYMPOSIUM ■ ARQUEOLOGÍA DEL VALLE DE OAXACA: LOS PROYECTOS DE ATZOMPA Y EL CAVO

Room: 311/312 (CC)

Time: 6:00 PM–9:00 PM

Organizers: Dante Garcia and Nelly Robles

Chair: Jorge Ríos

Participants:

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

[96] GENERAL SESSION ■ RAW MATERIAL ACQUISITION, STONE TOOL PRODUCTION, AND SUBSISTENCE

Room: 304 (CC)

Time: 6:00 PM–9:15 PM

Chair: Daniel Winkler

Participants:

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

Cellier

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

[97] SYMPOSIUM ■ THE CUTTING EDGE: THE STATE OF PLAY IN WORLD OBSIDIAN STUDIES
(Sponsored by Society for Archaeological Science and International Association for Obsidian Studies)

Room: 308 (CC)

Time: 6:00 PM–8:45 PM

Organizer: Tristan Carter

Chair: Carolyn Dillian

Participants:

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

8:30 millennia BC
Tristan Carter—Discussant

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

Room: 309/310 (CC)

Time: 6:00 PM–9:30 PM

Organizers: Brigitte Faugere and Christopher Beekman

Chair: Christopher Beekman

Participants:

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

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

Room: 204 (CC)

Time: 6:00 PM–9:45 PM

Organizer: Ronald Towner

Chair: Mark Elson

Participants:

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

Arizona

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

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

Room: 307 (CC)

Time: 8:30 PM–10:00 PM

Organizers and Chairs: Alison Carter and Shinu Abraham

Participants:

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

Friday Morning ■ April 1, 2011

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

Room: 317/318 (CC)

Time: 8:00 AM–9:30 AM

Chair: Adriana Schmidt Dias

Participants:

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

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

Room: 203 (CC)

Time: 8:00 AM–9:45 AM

Organizers and Chairs: Kaylee Spencer and Maline Werness

Participants:

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

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

Room: 316 (CC)

Time: 8:00 AM–9:30 AM

Chair: Ann Laffey

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Organizer: Patricia B Richards

Chair: John D. Richards

Participants:

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

[105] POSTER SESSION ■ COASTAL AND MARITIME ARCHAEOLOGY

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Organizers: Casey McNeill and Meagan Conway

Chairs: Meagan Conway and Casey McNeill

Participants:

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

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

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

Participants:

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

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

Participants:

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

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

Participants:

- Arkadiusz Marciniak—Discussant
Eszter Banffy—Discussant

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

[111] ELECTRONIC SYMPOSIUM ■ CURRENT METHODS IN PALEOETHNOBOTANY

Room: 302/303 (CC)

Time: 8:00 AM–10:00 AM

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

Chair: Christina Warinner

Participants:

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

Alexia Smith—The Use of Multivariate Statistics within Archaeobotany

Shanti Morell-Hart—Paleoethnobotanical Analysis, Post-processing

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

Deborah M. Pearsall—Formation Processes of Pollen and Phytoliths

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

Bruce Smith—Recognizing Human Niche Construction in the Archaeological Record

Patti Wright—Formation Processes of Carbonized Seed Assemblages

Amanda Henry—Formation and taphonomic processes affecting starch grains

John Marston—Ratios and simple statistics in paleoethnobotanical analysis

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

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

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

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

Room: 319 (CC)

Time: 8:00 AM–10:00 AM

Organizer and Chair: Susan Stratton

Participants:

Dwight Dutschke—Discussant

Ken Wilson—Discussant

Greg Greenway—Discussant

Rolla Queen—Discussant

Trevor Pratt—Discussant

Ed Carroll—Discussant

Tristan Tozer—Discussant

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

Participants:

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

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

Participants:

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

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

Room: 305 (CC)

Time: 8:00 AM–10:15 AM

Chair: Janet Brashler

Participants:

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

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

Room: 202 (CC)

Time: 8:00 AM–11:00 AM

Organizers: Arthur Demarest, Chloe Andrieu and Geoffrey Braswell

Chairs: Arthur Demarest and Christopher Pool

Participants:

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

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

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

Room: 307 (CC)

Time: 8:00 AM–11:00 AM

Organizer and Chair: Susan Ryan

Participants:

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

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

Room: 103 (CC)

Time: 8:00 AM–11:00 AM

Organizer and Chair: Francis McManamon

Participants:

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

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

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

Room: 306 (CC)

Time: 8:00 AM–11:15 AM

Organizers: David Lentz, Nicholas Dunning and Vernon Scarborough

Chair: Kim Thompson

Participants:

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

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

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

Room: 315 (CC)

Time: 8:00 AM–11:15 AM

Organizer and Chair: Ashley Smallwood

Participants:

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

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

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

Room: 309/310 (CC)

Time: 8:00 AM–11:15 AM

Organizers: Todd Ahlman and Gerald Schroedl and Bobby Braly

Chair: Gerald Schroedl

Participants:

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

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

Room: 313 (CC)

Time: 8:00 AM–11:15 AM

Organizers: Ruth Van Dyke and Reinhard Bernbeck

Chair: Reinhard Bernbeck

Participants:

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

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

Room: 314 (CC)

Time: 8:15 AM–11:30 AM

Organizers: Christopher Jazwa and Jennifer Perry

Chairs: Christopher Jazwa and Kristin Hoppa

Participants:

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

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

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

Room: 304 (CC)

Time: 8:00 AM–11:00 AM

Chair: David Yesner

Participants:

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

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

Room: 204 (CC)

Time: 8:00 AM–12:00 PM

Organizers and Chairs: Robyn Cutright and John Warner

Participants:

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

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

Room: 308 (CC)

Time: 8:00 AM–12:00 PM

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

Participants:

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

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

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

(Sponsored by Student Affairs Committee)

Room: 317/318 (CC)

Time: 10:00 AM–12:00 PM

Organizers: Kim Christensen and Laura Short

Chair: Laura Short

Moderator: Marijke Stoll

Participants:

Barnet Pavao-Zuckerman—Discussant

Mary Maniery—Discussant

Ben Ford—Discussant

[128] SYMPOSIUM ■ CURRENT RESEARCH IN COPÁN ARCHAEOLOGY

Room: 203 (CC)

Time: 10:00 AM–11:45 AM

Organizer and Chair: Kristin Landau

Participants:

10:00 Heather Richards-Rissetto and Jennifer von Schwerin—Visualizing Copan: 3D Perspectives from an Ancient City

10:15 Kristin Landau—Measuring Social Interaction within Copán's Communities

10:30 Allan Maca, Gregorio Perez, Katherine Miller and Shannon Plank—El Bosque, Copan: Evidence and Implications of Urbanization at AD 600

10:45 Molly Fierer-Donaldson—Teotihuacan Warrior Costumes in Classic Maya Tombs

11:00 Gregorio Perez Martinez and Allan Maca—Ethnographic archaeology and community collaboration in Ostuman, Copan

11:15 Argi Diez—Arqueología Infantil en una Comunidad Maya-Ch'orti'

11:30 Eva Martinez—Discussant

[129] GENERAL SESSION ■ PALEOETHNOBOTANICAL STUDIES IN THE AMERICAS

Room: 311/312 (CC)

Time: 10:15 AM–12:00 PM

Chair: Myrtle Shock

Participants:

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

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

Room: 316 (CC)

Time: 10:15 AM–12:15 PM

Organizer: Emily Jones

Participants:

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

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

Room: 104/105 (CC)

Time: 11:00 AM–12:00 PM

Chair: Ernesto Gonzalez-Licon

Participants:

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

[132] GENERAL SESSION ■ COASTAL ARCHAEOLOGY IN THE AMERICAS

Room: 302/303 (CC)

Time: 10:30 AM–11:45 AM

Chair: Sean Brown

Participants:

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

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

Room: 319 (CC)

Time: 10:30 AM–11:45 AM

Chair: Arlene Rosen

Participants:

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

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

(Sponsored by Petrified Forest National Park)

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Organizers and Chairs: Jason Theuer and Gregson Schachner

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Organizer: Tineke Van Zandt

Chair: David Stephen

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Organizer and Chair: Eleanor King

Participants:

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

[139] POSTER SESSION ■ MODERN PEOPLE ON HISTORICAL LANDSCAPES

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Organizers: Sarah Herr and Michael Lindeman

Chair: Sarah Herr

Participants:

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

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

Room: 301 (CC)

Time: 11:00 AM–12:00 PM

Chair: Amanda Logan

Participants:

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

Friday Afternoon ■ April 1, 2011

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

Room: 317/318 (CC)

Time: 1:00 PM–2:00 PM

Chair: Kathleen Foley Winkler

Participants:

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

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

Room: 301 (CC)

Time: 1:00 PM–2:45 PM

Chair: Marco Meniketti

Participants:

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

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

Room: 302/303 (CC)

Time: 1:00 PM–3:00 PM

Organizers: M. Scott Thompson and Gordon Rakita

Chair: M. Scott Thompson

Participants:

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

Regional Scales

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

Nancy Akins—Exploring Mortuary Variability in the Northern Rio Grande

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

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

[144] FORUM ■ PLANNING FOR ARCHAEOLOGICAL DIGITAL DATA MANAGEMENT

Room: 103 (CC)

Time: 1:00 PM–3:00 PM

Organizers: Francis McManamon, Eric Kansa and Sarah Kansa

Chair: Sarah Kansa

Participants:

John Yellen—Discussant

Julian Richards—Discussant

Eric Kansa—Discussant

Keith Kintigh—Discussant

Joshua Wells—Discussant

[145] SYMPOSIUM ■ RESEARCH UTILIZING THE MAYA HIEROGLYPHIC DATABASE

Room: 203 (CC)

Time: 1:00 PM–3:00 PM

Organizer and Chair: Martha Macri

Participants:

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

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

1:30 Martha Macri—Dialectology of the Classic Maya

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

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

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

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

2:45 Jessica Munson—Discussant

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

Room: 316 (CC)

Time: 1:00 PM–3:00 PM

Organizer and Chair: Jennifer Campbell

Participants:

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

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

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

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

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

Room: 305 (CC)

Time: 1:00 PM–3:15 PM

Organizers: Elisa Villalpando and John Carpenter

Chair and Moderator: Guadalupe Sanchez

Participants:

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

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

Room: 306 (CC)

Time: 1:00 PM–3:45 PM

Organizers: Rissa Trachman and Marisol Cortes Rincon

Chair: Rissa Trachman

Participants:

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

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

[149] SYMPOSIUM ■ ISSUES IN THE SOCIAL EVOLUTION OF PERIPHERAL NORTHEAST ASIA: FROM TRIBES TO STATES
Room: 104/105 (CC)
Time: 1:00 PM–3:45 PM
Organizers and Chairs: Ken-ichi Sasaki and Martin Bale

Participants:

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

[150] SYMPOSIUM ■ NATIONAL GUARD CONTRIBUTIONS TO NORTH AMERICAN STUDIES OF PREHISTORY
(Sponsored by National Guard Bureau)
Room: 319 (CC)
Time: 1:00 PM–3:45 PM
Organizers: Ethan Bertrando, Jake Fruhlinger and Karen Kempton
Chair: Ethan Bertrando

Participants:

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

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

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

Room: 311/312 (CC)

Time: 1:00 PM–3:45 PM

Organizers: Seetha Reddy and John Douglass

Chairs: John Douglass and Seetha Reddy

Participants:

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

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

Room: 204 (CC)

Time: 1:00 PM–3:45 PM

Organizers: Benjamin Porter and Alexis Boutin

Chair: Benjamin Porter

Participants:

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

[153] SYMPOSIUM ■ ARCHAEOLOGICAL CARTOGRAPHIES

Room: 308 (CC)

Time: 1:00 PM–4:15 PM

Organizer and Chair: James Flexner

Participants:

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

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

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

Room: 304 (CC)

Time: 1:00 PM–4:15 PM

Chair: Kirk French

Participants:

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

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

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

Room: 315 (CC)

Time: 1:00 PM–4:45 PM

Organizer and Chair: Thomas Jennings

Participants:

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

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

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

Room: 307 (CC)

Time: 1:00 PM–4:45 PM

Organizer: Haagen Klaus

Chair: J. Marla Toyne

Participants:

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

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

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

Room: 202 (CC)

Time: 1:00 PM–4:45 PM

Organizers and Chairs: Joshua Englehardt and Daniel Seinfeld

Participants:

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

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

(Sponsored by Rock Art Interest Group)

Room: 314 (CC)

Time: 1:00 PM–5:00 PM

Organizers: Donna Gillette and Nancy Olsen

Chair: Donna Gillette

Participants:

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

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

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

Room: 309/310 (CC)

Time: 1:00 PM–5:00 PM

Organizer: Max Friesen

Chairs: Max Friesen and John Hoffecker

Participants:

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

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

[160] SYMPOSIUM ■ TOOLSTONE GEOGRAPHY OF THE PACIFIC NORTHWEST

Room: 313 (CC)

Time: 1:00 PM–5:00 PM

Organizers: Ron Adams and Terry Ozbun

Chairs: Terry Ozbun and Ron Adams

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Participants:

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

[162] POSTER SESSION ■ CULTURAL HERITAGE AND SITE PRESERVATION

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Participants:

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

[163] POSTER SESSION ■ MAPPING TECHNIQUES AND AMERICAN LANDSCAPES

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Participants:

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

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

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

Room: 302/303 (CC)

Time: 3:15 PM–5:00 PM

Chair: Rhian Stotts

Participants:

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

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

Room: 103 (CC)

Time: 3:30 PM–4:30 PM

Chair: Astrid Runggaldier

Participants:

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

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

Room: 203 (CC)

Time: 3:30 PM–4:45 PM

Chair: Emily Dean

Participants:

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

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

Room: 301 (CC)

Time: 3:30 PM–4:45 PM

Chair: Joseph Lehner

Participants:

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

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

Room: 317/318 (CC)

Time: 3:15 PM–5:00 PM

Chair: Rigden Glaab

Participants:

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

[169] GENERAL SESSION ■ PALEOETHNOBOTANICAL STUDIES: GLOBAL PERSPECTIVES

Room: 316 (CC)

Time: 3:30 PM–5:00 PM

Chair: Rachel Dwyer

Participants:

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

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

Room: 305 (CC)

Time: 3:45 PM–4:45 PM

Chair: Eric Heller

Participants:

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

[171] GENERAL SESSION ■ COASTAL ARCHAEOLOGY AROUND THE WORLD

Room: 319 (CC)

Time: 4:00 PM–4:30 PM

Chair: Amanuel Beyin

Participants:

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

[172] SYMPOSIUM ■ EPA IGNORES HISTORIC PRESERVATION LAWS

Room: 311/312 (CC)

Time: 4:00 PM–5:00 PM

Organizer and Chair: John Parker

Participants:

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

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

Room: 306 (CC)

Time: 4:00 PM–5:00 PM

Organizer: Gillian Newell

Chair: Randall McGuire

Participants:

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

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

Room: 104/105 (CC)

Time: 4:00 PM–5:00 PM

Chair: Jeffrey Stvan

Participants:

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

Saturday Morning ■ April 2, 2011

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

Room: 309/310 (CC)

Time: 8:00 AM–9:45 AM

Organizers and Chairs: Mark Warner and Stacey Camp

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Organizers: Suzanne Villeneuve and Brian Hayden

Chair: Suzanne Villeneuve

Participants:

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

[177] POSTER SESSION ■ FAUNAL ANALYSIS AND TAPHONOMY

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 8:00 AM–10:00 AM

Participants:

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

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

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

Room: 307 (CC)

Time: 8:00 AM–10:00 AM

Organizer: Kenichiro Tsukamoto

Chair: Takeshi Inomata

Participants:

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

[183] ELECTRONIC SYMPOSIUM ■ RE-CONCEPTUALIZING NICARAGUAN PREHISTORY

Room: 301 (CC)

Time: 8:00 AM–10:00 AM

Organizer: Geoffrey McCafferty

Chair: Alex Geurds

Participants:

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

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

Room: 317/318 (CC)

Time: 8:00 AM–10:00 AM

Organizers: Dorothy Lippert and Vin Steponaitis

Chairs: Vin Steponaitis and Dorothy Lippert

Moderator: Joe Watkins

Participants:

Jennifer Richman—Discussant

Donald Craib—Discussant

Lynne Goldstein—Discussant

Patricia Capone—Discussant

Patricia Lambert—Discussant

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

Room: 103 (CC)

Time: 8:00 AM–10:00 AM

Organizer and Chair: Duane Quates

Moderator: Serena Bellew

Participants:

Paul Green—Discussant

Duane Quates—Discussant

Laurie Rush—Discussant

Serena Bellew—Discussant

Christopher McDaid—Discussant

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

Room: 302/303 (CC)

Time: 8:00 AM–10:15 AM

Organizers: Michael Love and Julia Guernsey

Chair: Michael Love

Participants:

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

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

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

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

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

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

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

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

10:00 Carl Wendt—Discussant

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

Room: 304 (CC)

Time: 8:00 AM–10:30 AM

Chair: Veletta Canouts

Participants:

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

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

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

Room: 319 (CC)

Time: 8:00 AM–10:30 AM

Organizer and Chair: Julie Coleman

Participants:

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

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

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

Room: 203 (CC)

Time: 8:00 AM–10:30 AM

Organizers: Andrew Bauer and Peter Johansen

Chairs: Peter Johansen and Andrew Bauer

Participants:

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

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

Room: 316 (CC)

Time: 8:00 AM–10:45 AM

Chair: Bernadette Cap

Participants:

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

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

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

Room: 306 (CC)

Time: 8:00 AM–10:45 AM

Organizer and Chair: Gyles Iannone

Participants:

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

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

Room: 315 (CC)

Time: 8:00 AM–11:00 AM

Organizer and Chair: Kelly Derr

Participants:

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

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

[193] SYMPOSIUM ■ 1ST INTERNATIONAL SAA SYMPOSIUM FOR RECENT, INTERNATIONAL ADVANCES IN THE USE OF pXRF AND OTHER PORTABLE, FIELD TECHNOLOGIES FOR ARCHAEOCHEMICAL STUDIES OF SITES IN THE AMERICAS
(Sponsored by Wondjina Research Institute, Country Chemist; Co-Sponsored by The Society For Archaeological Science, the pXRF Users Group, OLYMPUS INNOV-X)

Room: 313 (CC)

Time: 8:00 AM–11:15 AM

Organizers and Chairs: Richard Lundin and Vanessa Muros

Participants:

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

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

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

Room: 202 (CC)

Time: 8:00 AM–11:15 AM

Organizers: Richard Fitzgerald and Jelmer Eerkens

Chair: Richard Fitzgerald

Participants:

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

[195] GENERAL SESSION ■ HISTORIC ARCHAEOLOGY

Room: 305 (CC)

Time: 8:15 AM–11:15 AM

Chair: Rubén Mendoza

Participants:

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

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

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

Room: 104/105 (CC)

Time: 8:00 AM–11:30 AM

Organizers: Malinda Blustain and James Richardson

Chair: Malinda Blustain

Moderator: Lindsay Randall

Participants:

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

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

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

Room: 311/312 (CC)

Time: 8:00 AM–11:45 AM

Organizers: Sonya Atalay and Lee Rains Clauss

Chair: Lee Rains Clauss

Participants:

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

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

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

Room: 204 (CC)

Time: 8:00 AM–11:45 AM

Organizers: Christopher Morehart and Kristin De Lucia

Chair: Christopher Morehart

Participants:

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

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

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

Room: 308 (CC)

Time: 8:00 AM–11:45 AM

Organizers: Scott Ingram and Robert Hunt

Chair: Scott Ingram

Participants:

- 8:00 Alan Sullivan, Christopher Roos and Philip Mink—The Archaeology of Subsistence Agriculture in Coniferous Ecosystems
- 8:15 Jeffrey Dean—Environment, Human Behavior, and Demography in the Prehistoric Southwest
- 8:30 Scott Ingram—What We Don't Know About Human Vulnerability to Dry Periods
- 8:45 Karen R. Adams—The Archaeobotany and Agronomy of Ancient Maize: We're Still Learning
- 9:00 Jonathan Sandor and Jeffrey Homburg—Agricultural Soils of the Prehistoric Southwest: Known Unknowns...
- 9:15 Robert Hunt—Water is not only H₂O: Solutions, Suspensions and Agriculture
- 9:30 Gary Huckleberry—What We Still Don't Know: The Environmental Context for the Northward Spread of Agriculture 4000-2000 BC into the Southwest
- 9:45 Michael Adler—What we don't know about canal irrigation in the Prehispanic Northern Southwest
- 10:00 Neal Ackerly—A River In Need of Irrigation: Searching for Prehistoric Irrigation Systems Along the Rio Grande Main Stem
- 10:15 M.K. Woodson—What We Do Not Know About the Impact of Flooding on Hohokam Irrigation Agriculture
- 10:30 Paul Minnis—Exploring the Political Context of Ancient Agriculture in the U.S. Southwest/Northern Mexico
- 10:45 Suzanne Fish and Paul Fish—Alternative Models for the Organization of Labor and Production
- 11:00 Robert Hard, Arthur MacWilliams, John Roney, Jacob Freeman and Karen Adams—The Absence of Aggregated Populations in Central and Southern Chihuahua
- 11:15 W. Bruce Masse—Discussant
- 11:30 Daniel Gustafson—Discussant

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

Participants:

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

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

Participants:

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

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

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

Room: 307 (CC)
Time: 10:30 AM–11:30 AM
Organizer: George Hambrecht
Chair: Sophia Perdikaris

Participants:

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

[203] SYMPOSIUM ■ ARCHAEOOMETRY IN FIBER AND PERISHABLES RESEARCH

(Sponsored by Fiber and Perishables Interest Group)

Room: 302/303 (CC)
Time: 10:30 AM–12:00 PM
Organizer: William Haas
Chair: David Yoder

Participants:

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

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

Room: 317/318 (CC)
Time: 10:30 AM–12:00 PM
Chair: William Pestle

Participants:

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

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

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

Room: 301 (CC)

Time: 10:30 AM–12:00 PM

Organizer and Chair: Suzanne Pilaar Birch

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

[208] POSTER SESSION ■ HISTORIC ARCHAEOLOGY AND ETHNOARCHAEOLOGY

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Organizers: Lisa Dugas and Sarah Neusius

Chair: Lisa Dugas

Participants:

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

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

Room: East Lobby-Third Floor (CC)

Time: 10:30 AM–12:30 PM

Participants:

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

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

Room: 316 (CC)

Time: 11:00 AM–11:45 AM

Chair: Colleen Lindsay

Participants:

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

Saturday Afternoon ■ April 2, 2011

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

Room: 103 (CC)

Time: 1:00 PM–3:00 PM

Organizers: Lucas Bueno, James Steele and Luciano Prates

Chair: Gustavo Politis

Participants:

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

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

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

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

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

Michael Waters—Discussant

[214] SYMPOSIUM ■ BLOGGING ARCHAEOLOGY

Room: 309/310 (CC)

Time: 1:00 PM–2:30 PM

Organizer: Colleen Morgan

Chair: Kris Hirst

Participants:

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

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

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

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

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

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

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

(Sponsored by COSWA)

Room: 317/318 (CC)

Time: 1:00 PM–3:00 PM

Organizers: Sarah Barber and Caryn Berg

Chair: Sarah Barber

Moderator: Caryn Berg

Participants:

James Snead—Discussant

Scott Slessman—Discussant

Heidi Roberts—Discussant

Ariane Pinson—Discussant

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

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

Room: 316 (CC)

Time: 1:00 PM–3:00 PM

Organizer: Joshua Wells

Chair: Christopher Parr

Participants:

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

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

(Sponsored by Fryxell Award Committee)

Room: 202 (CC)

Time: 1:00 PM–3:00 PM

Organizer: Gordon Rakita

Chair: Maria Cecilia Lozada

Participants:

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

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

Room: 302/303 (CC)

Time: 1:00 PM–3:00 PM

Organizers and Chairs: Marta Camps and Parth R. Chauhan

Participants:

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

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

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

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

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

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

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

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

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

Bonnie Blackwell, A.E. Deely, M.R. Kleindienst, J.R. Smith, Christopher Hill and A.R. Skinner—Dating the Middle Stone Age (MSA) in the Egyptian High Desert Oases:

Constraining Occupations at Kharga, Dakhleh, and Bir Tarfawi

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

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

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

Morphometric Analysis of Eastern Paleoindian Projectile Points

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

Federico Bernaldo de Quiros, Jose Manuel Maillo and Ana Neira—Behavioral changes in the Middle-Upper Paleolithic transition in Cantabria (Spain) from a historical view

Gilliane Monnier—Are we free from old paradigms? Implications of the new chronology on our understanding of culture change throughout the Lower/Middle Paleolithic

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

Room: 319 (CC)

Time: 1:00 PM–3:30 PM

Organizer: David Witt

Chairs: Linda Wheelbarger and David Witt

Participants:

1:00 Linda Wheelbarger—The Point Community: Overview of Research at Four Puebloan Sites in the Middle San Juan Region of Northwestern New Mexico

1:15 Ali Centra and Linda Wheelbarger—The Point Site Great Kiva: Description and Comparison of Architectural Characteristics

1:30 Jennifer Evans—Burials of the Point Community: A Comparison to Chaco Canyon

1:45 David Witt—Analysis and Comparison of Middle San Juan Chipped Lithics

2:00 Jacob Martin—Analysis of the Chipped Stone Artifacts from the 2008-2010 Excavations at the Point Site

- 2:15 Lori Reed—From Small Site to Big Picture: Ceramics from the Tommy Site and Chacoan Period Developments in the Middle San Juan Region, Northwest New Mexico
- 2:30 Meradeth Snow—Further Analysis of mtDNA from the Tommy and Mine Canyon Sites
- 2:45 Kyle Waller, Kathy Durand and Jack Fenner—Strontium Isotope Analysis of Migration at Two Chacoan Outliers in the Middle San Juan Region
- 3:00 Michelle Greene—Using Craniometric Measurements to Explore Possible Gene Flow in Local Populations in the Middle San Juan Region of New Mexico
- 3:15 Ezra Pelt—An Early Navajo Ceremonial Rock Art Panel in Stewart Canyon on the B-Square Ranch

[220] SYMPOSIUM ■ FROM THE FIELD TO THE SYNCHROTRON RING: DISCOVERING ANCIENT WORLDS THROUGH MODERN TECHNOLOGIES

(Sponsored by The Society for Archaeological Sciences)

Room: 301 (CC)

Time: 1:00 PM–3:30 PM

Organizers: Ioanna Kakoulli, Sergey Prikhodko and Christian Fischer

Chairs: Ioanna Kakoulli and Liz Friedman

Participants:

- 1:00 Sergey Prikhodko—At the interface between materials science and archaeology: new approaches to the metrology of ancient materials
- 1:15 Ioanna Kakoulli, Sergey Prikhodko, Christian Fischer, Sirine Fakra and Matthew Marcus—CSI archaeology: 'The Andean Mummy Case'. An omnidisciplinary approach intergrading field, laboratory and synchrotron radiation methods
- 1:30 Christian Fischer—Ancient Stone Sculptures: Materials Identification and Weathering Studies using a Multi-scale and Multi-analytical Approach
- 1:45 Liz Friedman, Lynn Swartz Dodd, Carlo Segre, Sarah Butler and Jon Almer—Arrowheads and Projectile Points from the Ancient Middle East: Indicators of Regional Metalworking Tradition and Imposed Imperial Demand
- 2:00 Brett Kaufman—Metallurgical responses to Deforestation: Alloy sequencing and environmental proxy data from the EBIV-MBII Southern Levant
- 2:15 Elizabeth Drolet—Differential burial environments: Effects on low-fired ceramics and implications for archaeological research
- 2:30 Tessa De Alarcon—Improvements in the histological analysis of archaeological and cultural materials using photoluminescent semiconductor nanocrystals: a case study
- 2:45 Sergey Prikhodko—Discussant
- 3:00 Christian Fischer—Discussant
- 3:15 Lynn Swartz Dodd—Discussant

[221] SYMPOSIUM ■ LATE AND TERMINAL CLASSIC POLITICS IN THE NORTHERN MAYA LOWLANDS

Room: 307 (CC)

Time: 1:00 PM–3:30 PM

Organizer and Chair: Scott Johnson

Participants:

- 1:00 Traci Ardren, Fernando Godos, Alejandra Alonso, Eric Stockdell and T. Kam Manahan—The architectural and archaeological transition from Late Classic to Terminal Classic at Xuenkal, Yucatan, Mexico
- 1:15 Dylan Clark, Mauricio Germon Roche and Rodolfo Canto Carrillo—The Port-

- Keepers and Fisherfolk of Isla Cerritos: New Perspectives on Island Occupation Before, During, and After Chichén Itzá
- 1:30 Peter Biro—A New Epigraphic Interpretation of Terminal Classic Northern Maya Lowlands History
- 1:45 Scott Johnson—Yaxuna to Chichen Itza: Using Small Sites to Look at Big Problems
- 2:00 Jeffrey Glover and Dominique Rissolo—Vista Alegre and Chichén Itzá: Evidence of a Northeastern Outpost?
- 2:15 Evan Parker, Stephanie Simms and George Bey—Descending the Stairway to Heaven: The Rapid Abandonment of a Terminal Classic Puuc Hilltop Site
- 2:30 Alfredo Barrera Rubio—Social and Political Dynamics at Kulubá, Northeastern Yucatán
- 2:45 Rach Cobos—Discussant
- 3:00 David Freidel—Discussant
- 3:15 Anthony Andrews—Discussant

[222] SYMPOSIUM ■ THE STUDY OF INDIGENOUS LANDSCAPE MANAGEMENT PRACTICES IN CENTRAL CALIFORNIA

Room: 204 (CC)

Time: 1:00 PM–3:30 PM

Organizers: Kent Lightfoot, Chuck Striplen and Mark Hylkema

Chair: Rob Cuthrell

Participants:

- 1:00 Kent Lightfoot—Issues in the Study of Pyro-Diversity Management Practices
- 1:15 Valentin Lopez—The Study of Indigenous Landscape Management Practices in Central California - Introduction to the Amah Mutsun Tribal Band
- 1:30 Mark Hylkema—California State Parks and the Quiroste Valley Cultural Preserve
- 1:45 Rob Cuthrell—Archaeological Research on Indigenous Landscape Management in Quiroste Valley, California
- 2:00 Cristie Boone and Diane Gifford-Gonzalez—The Fauna from Quiroste
- 2:15 Chuck Striplen—Fire and landscape change in Central Coastal California
- 2:30 Rand Evett and Rob Cuthrell—Phytolith Evidence for the Extent and Nature of Paleo-Grasslands in Quiroste Valley, central California, USA
- 2:45 Alicia Cowart and Roger Byrne—Changes in Vegetation and Fire Frequency in Central Coastal California as recorded in pollen and microscopic charcoal
- 3:00 Laurel Collins—Fluvial Geomorphology of Quiroste Valley and Whitehouse Creek during the last 200 Years
- 3:15 Josh Collins—Discussant

[223] SYMPOSIUM ■ APPROACHES TO PREHISPANIC AGRICULTURAL SOILS IN THE NEW WORLD

Room: 314 (CC)

Time: 1:00 PM–3:45 PM

Organizers: Melissa Kruse-Peebles and Colleen Strawhacker

Chairs: Colleen Strawhacker and Melissa Kruse-Peebles

Participants:

- 1:00 Melissa Kruse-Peebles, Dana Nakase and Sharon Hall—Soil Nutrient Dynamics and Moisture Retention of Prehistoric Runoff Agricultural Systems the Perry Mesa Region, Central Arizona
- 1:15 Colleen Strawhacker—Prehispanic Irrigated Agricultural Soils on the North Coast

- of Peru: Understanding the Effects of Long-Term Irrigation
- 1:30 Robert Powers—Volcanic Agriculture on the Pajarito Plateau
- 1:45 Melissa Goodman-Elgar—Social and ecological resilience in agrarian landscapes of the Andes
- 2:00 Timothy Beach and Sheryl Luzzadder-Beach—Soil Evidence for Use and Formation of Wetland Fields and Canals in Northern Belize
- 2:15 Jeffrey Homburg, Jonathan Sandor and Paul Minnis—Soil quality of ancient terraced agricultural fields of Chihuahua, Mexico
- 2:30 Gregory Zaro—Agro-ecological management of intervalley landscapes on Peru's arid south coast
- 2:45 Louise Purdue, Wesley D. Miles, Manuel R. Palacios-Fest, Bruce G. Phillips and David K. Wright—Prehistoric Agrosystems of Central Arizona: A Paleoenvironmental Approach to the Study of Hohokam Irrigated Fields and Canals
- 3:00 E. Christian Wells—Discussant
- 3:15 Jonathan Sandor—Discussant

[224] SYMPOSIUM ■ RECOGNIZING SOCIAL BEHAVIOR IN ANCIENT QUARRIES AND LITHIC WORKSHOPS

(Sponsored by Prehistoric Quarry and Early Mines Interest Group, Center for the Investigation of Ancient Quarries, and LaPorta and Associates, L.L.C., Geological Consultants)

Room: 311/312 (CC)

Time: 1:00 PM–3:45 PM

Organizers: Damian Alvarez and Anne Dowd

Chair: Anne Dowd

Participants:

- 1:00 Joan Schneider—Making Milling Equipment: Division of Labor inferred from the Archaeological and Ethnographic Records
- 1:15 Karen Supak—Technological Stasis through Social Change: Understanding Motivations for Lithic Procurement Behavior at Clarksville Base, Ft. Campbell, Kentucky
- 1:30 Ryan Parish—Relationships between Procurement Strategies and Geologic Provenience at the Dover Quarry Sites, Tennessee
- 1:45 Anne Dowd and David Vleck—Lithic Sources in Wyoming's Upper Green
- 2:00 William Eckhardt, Antonio Porcayo and Martin Rojas—Around the 28th to the 32nd Parallel: Prehistoric Quarries of Baja California
- 2:15 Osiris Quezada—The Stone and their Ways of Extraction at Templo Mayor of Tenochtitlan in the Pre-Columbian period
- 2:30 Damian Alvarez, Cristina Desentis and Yuko Koga—Social Behaviors related to the Archaeological Identification of Metate-production from the Quarry to the Domestic Workshop: An Ethnoarchaeological Study from Puebla, Mexico
- 2:45 Maria Masaguer—Un Acercamiento Emic a los Canteros Mayas: El caso de Tixhualactun.
- 3:00 Hernan Salinas, Diego Salazar, Jean-Louis Guendon, Valentina Figueroa and Donald Jackson—Hunter-Gatherer-Fisher Mining during the Archaic Period in Coastal Northern Chile
- 3:15 David Field—The Emergence of Stone Extraction Sites at the Beginning of the Neolithic in the UK.
- 3:30 Geoffrey Braswell—Discussant

[225] SYMPOSIUM ■ THE ENDURING LEGACY OF CEIBAL

Room: 203 (CC)

Time: 1:00 PM–3:45 PM

Organizer: Jessica Munson

Chair: Takeshi Inomata

Participants:

- 1:00 Victor Castillo—The Preclassic Architecture at Ceibal: A view from the excavations at the A-24 Platform
- 1:15 Melissa Burham—The Preclassic Occupation in the East Court at Ceibal
- 1:30 Jessica MacLellan and Takeshi Inomata—In Search of an Early E-Group: Recent Investigations at Group A, Ceibal
- 1:45 Juan Manuel Palomo—The Path of Dead: Deposition of Human Remains in Ceibal
- 2:00 Daniela Triadan and Takeshi Inomata—Ceibal during the Terminal Classic
- 2:15 Jessica Munson—Preclassic temple architecture at Anonal
- 2:30 Kazuo Aoyama—Preclassic and Classic Maya Lithic Artifacts from Ceibal and Its Neighboring Sites, Guatemala
- 2:45 Richard Terry, Chris Balzotti, Jeff Findlay and David Wright—The Maize Agriculture Potential of Landforms at the ancient Maya sites of Ceibal and Aguateca, Guatemala
- 3:00 Daniel Bair, Richard Terry and Bruce Dahlin—Ancient Maya Activities at Public Plazas and Household Patios at Ceibal, Guatemala
- 3:15 Jeremy Sabloff—Discussant
- 3:30 E. Wyllys Andrews—Discussant

[226] SYMPOSIUM ■ FIRE AND THE BODY: CREMATION AS A CONTEXT FOR SOCIAL MEANING

Room: 306 (CC)

Time: 1:00 PM–4:00 PM

Organizers: Colin Quinn, Ian Kuijt and Gabriel Cooney

Chair: Colin Quinn

Participants:

- 1:00 Ian Kuijt and Colin Quinn—Body to Ashes: Social and Physical Transformations Through Cremation
- 1:15 Howard Williams—Burn Up or Fade Away? The Context of Cremation in Early Medieval Europe
- 1:30 Mark Schurr and Della Cook—The Temporal and Cultural Contexts of the Enigmatic Cremation Burials from the Yokem Site, Illinois, USA
- 1:45 Lynne Goldstein—Cremation in the Pre-Contact Eastern United States: Some Thoughts and Patterns
- 2:00 Jessica Cerezo Roman and Barbara Mills—Pathways to Personhood: Cremation as a Social Practice among the Tucson Basin Hohokam
- 2:15 Tim Sorensen—A Sort of Homecoming: On the Role of Returning in Secondary Burials
- 2:30 Asa Larsson and Liv Nilsson Stutz—Irreconcilable Differences? Cremation, Fragmentation and Inhumation in Mesolithic and Neolithic Sweden
- 2:45 Paul Duffy—Mortuary Practice and Diverging Social Trajectories in Bronze Age Hungary
- 3:00 Colin Quinn and Ian Kuijt—Smoke Signals: Variability in Social Discourse, Display, and Deposition of the Dead in Prehistoric Ireland
- 3:15 Joanna Brück—Cremation, Gender and Concepts of the Self in the British Bronze Age

- 3:30 Gabriel Cooney—Traditions and Transformations in the Irish Neolithic
3:45 John O'Shea—Discussant

[227] SYMPOSIUM ■ DOMESTIC RESPONSES, CHALLENGES, AND COOPERATION IN ANDEAN STATE DEVELOPMENT

Room: 308 (CC)

Time: 1:00 PM–4:15 PM

Organizers: Kylie Quave and Maeve Skidmore

Chairs: Maeve Skidmore and Kylie Quave

Participants:

- 1:00 Michele Koons—Examining Late Moche Sociopolitical Organization in the Chicama Valley: A View from Licapa II
1:15 Katrina Gataveckas—Domestic Spatial Organization: An Articulation of Elite Political Strategies and Religious Ideologies at the Moche Site of Huaca Colorada
1:30 Claudine Vallieres—Of Llamas and Maize: Ingesting Tiwanaku
1:45 Lucas Kellett—The Domestic Economy of Ancopaccha: The Wari Occupation of the Andahuaylas Region (Apuurimac), Perú.
2:00 Maeve Skidmore—Examining Wari domestic occupations in the Cusco region: preliminary results from Hatun Cotuyoc
2:15 Donna Nash—Daily Life and Identity in the Wari Realm: The Multi-ethnic community in Moquegua, Peru
2:30 Randy Hahn—Local Interactions with Provincial Administration in the Kingdom of Chimor
2:45 Anna Guengerich—Public, private, and the political house: reconfiguring the role of residential structures in late prehispanic Chachapoyas
3:00 Kylie Quave, René Pilco Vargas and Stephanie Pierce Terry—Administration and production on the Inka estate within the imperial heartland (Maras, Cusco, Peru)
3:15 Susan deFrance and Sofía Chacaltana—The Inca Empire and Local Culture in Far Southern Peru: Settlement at Tambo Tacahuay
3:30 Steven Wernke and Lauren Kohut—Spatial hegemony and domestic practice: varieties of households at an early colonial mission in the Colca Valley, Peru
3:45 R. Alan Covey—Discussant
4:00 Christine Hastorf—Discussant

[228] GENERAL SESSION ■ EXPLORING IDENTITY, MOBILITY, AND INTERACTION THROUGH CERAMIC ANALYSIS

Room: 304 (CC)

Time: 1:00 PM–4:15 PM

Participants:

- 1:00 Emily Stovel—pXRF on the South-Central Andean Ceramic Collections at the Field Museum in Chicago
1:15 Scarlett Chiu—Stylistic analysis using the online Lapita pottery database: A case study of a Lapita pottery assemblage excavated from Kamgot, Anir Islands, Papua New Guinea
1:30 Shawn Fehrenbach and Michael D. Glascock—Chemical Compositional Analysis of Late Prehistoric to Early Historic Earthenwares from Five Sites in Cambodia
1:45 Katrinka Reinhardt—Politics of food at the Chinese Bronze Age site of Yanshi Shangcheng
2:00 WengCheong Lam—"Private" Ceramic Workshop in the Late Qin State (300-200 B.C.): A case study of stamped ceramics from Xiayang region, China
2:15 Matthew Pawlowicz—Early 2nd-Millennium Ceramics at Mikindani, Tanzania and Implications of Ceramic Differentiation for Swahili Communities

- 2:30 Daniel Mahoney—Resistance or Isolation: The persistent ceramic tradition of the central highlands in Yemen during the Islamic period
- 2:45 Helen Loney and Peter van Dommelen—Colonial theory and pottery production: the changing relationships of local workshops during the Punic period, Sardinia
- 3:00 Jennifer Zovar—Community Formation in Post-Collapse Context: Results from a Ceramic Analysis at Pukara de Khonkho, Bolivia
- 3:15 Ancira Emily Baca Marroquin—Ceramic Production under Inca Imperial domination in the Central South Coast of Perú, Asia Valley.
- 3:30 Jalh Dulanto—Pampa Chica: An Early Horizon Style from the Central Coast of Peru
- 3:45 Dave Johnstone—The Middle Formative Ceramics from the Cochua Region
- 4:00 Fumie Iizuka, Hector Neff and Richard Cooke—Deducing Human Mobility by Studying the Circulation of Panama's Earliest Pottery (Monagrillo) (ca. 4,800-3,200 B.P.)

[229] SYMPOSIUM ■ COMPARATIVE PERSPECTIVES ON CULTURE CONTACT AND INTERACTION: OBJECTS, CONTEXTS, AND PRACTICE

Room: 315 (CC)

Time: 1:00 PM–4:30 PM

Organizers and Chairs: Dana Bardolph and Craig Smith

Participants:

- 1:00 Timothy Pauketat, Danielle Benden and Robert Boszhardt—Cosmic Contact in the Upper Mississippi Valley
- 1:15 Dana Bardolph—Pluralism and Practice: Negotiating Identity in the Late Prehistoric Central Illinois River Valley
- 1:30 Greg Wilson—Post-Cahokian Contact in the Central Illinois River Valley
- 1:45 Susan Alt—Persons, Places, Things: Hybrid Moments and the Processes of Change
- 2:00 Matthew Edwards, Katharina Schreiber and Craig Smith—Wari Enclaves, Local Emulation, and Interregional Exchange: The Dynamics of Culture Contact in the Central Andes during the Middle Horizon
- 2:15 Ulrike Green—Meeting in the Middle: Rethinking Culture Contact in the Moquegua Valley, Peru
- 2:30 Margaret Brown Vega—Beyond Battles: Interactions in Times of War on the Northcentral coast of Perú
- 2:45 Barker Fariss—Using GIS and Settlement Pattern Archaeology to Better Understand the Nature of Highland/Coastal Interaction during the EIP in the Moche Valley, Peru
- 3:00 Deborah Spivak—The Visual Frontier of Huaca del Loro
- 3:15 Diana Loren—The creation of a Puritan body: ideological and material strategies at colonial Harvard
- 3:30 Lee Panich—Archaeological Perspectives on the Persistence of Indigenous Identity in Colonial Contexts
- 3:45 Paul Farnsworth—Comparative Perspectives on Culture Contact in California and the Caribbean
- 4:00 J. Daniel Rogers—Discussant
- 4:15 Stuart Smith—Discussant

**[230] SYMPOSIUM ■ CHASING RAINBOWS FROM THE GREAT BASIN TO THE PACIFIC SHORE:
HONORING THE ACCOMPLISHMENTS, INNOVATIONS, AND CONTRIBUTIONS OF C.
WILLIAM CLEWLOW, JR**
Room: 104/105 (CC)
Time: 1:00 PM–4:45 PM
Organizer: Helen Wells
Chairs: Russell Kaldenberg and Helen Wells

Participants:

- 1:00 Russell Kaldenberg—Honoring the Life and Times of C. William Clewlow, Jr.,
Iconic Archaeologist of the Great Basin and Far Southwest
- 1:15 James O'Connell—"What's your work? When will I see copy?" Archaeology at
Berkeley 1965-70
- 1:30 Robert Elston—Washoe Archaeology Redux
- 1:45 Helen Wells, Richard D. Ambro and Evelyn Seelinger—The Grass Valley
Archaeological Project: Looking Back and Looking Forward
- 2:00 Michael Walsh and A. Natasha Tabares—The Inland Chumash Research Project:
Not a Chief in Site
- 2:15 Richard Hughes—Taming Time in the Great Basin
- 2:30 Clarus Backes—The Baby in the Bath Water: Revisiting Heizer and Clewlow's
"Prehistoric Rock Art of California"
- 2:45 Colin Busby—Alas, poor Billy, I wish I knew him well (with apologies to
Shakespeare)
- 3:00 Susan Hector—Evidence for Intensification and Diversification of Activities during
the Contact Period in McCain Valley, San Diego County, California
- 3:15 Shelly Davis-King—Somewhere Under the Rainbow: Trails From the Great Basin
to the West
- 3:30 Robert Bettinger—Aboriginal Use of the White Mountains, Eastern California
- 3:45 David Whitley—Matters of Fact and Matters of Fiction: Epistemology and Ontology
in the Use of Indigenous Knowledge for Rock Art Interpretation
- 4:00 Lorann Pendleton Thomas and David Thomas—Grass Valley Billy: An
Appreciation
- 4:15 Carolyn Shepherd—Discussant
- 4:30 C. William Clewlow—Discussant

[231] GENERAL SESSION ■ PALEOINDIAN TECHNOLOGIES AND SUBSISTENCE
Room: 305 (CC)
Time: 1:00 PM–4:45 PM
Chair: Edward Knell

Participants:

- 1:00 Brian Wygal—Testing the Mammoth Refugia Hypothesis in the Central Alaska
Range
- 1:15 Stephan Heidenreich—Late Pleistocene Lithic Tool Assemblages in Eastern
Beringia: Cultural-Chronological Disparity vs. Functional Variability
- 1:30 Robert Kopperl, Christian Miss and Charles Hodges—Evidence of Human
Occupation of the Puget Sound Lowlands at the Pleistocene-Holocene Transition
from Excavations at the Bear Creek Site (45K1839), Redmond, Washington
- 1:45 R. Lee Lyman—Paleoarchaic Exploitation of Mammals in Eastern Washington
State
- 2:00 Edward Knell and Matthew E. Hill—Linking Late Paleoindian Bones and Stones:
Regional Variation in Late Paleoindian Land Use and Foraging Strategies
- 2:15 MacLaren Law de Lauriston—A Paleo-Archaic Through Caddoan Site in Eastern

- Oklahoma
- 2:30 Steven Holen—The Lamb Spring and Scott Spring Sites, Douglas County, Colorado: New evidence for late Pleistocene Human Association
- 2:45 William Reitze—A Geoarchaeological Interpretation of Lake Estancia, New Mexico
- 3:00 Jesse Ballenger—The Densest Concentration on Earth? Quantifying Human-Mammoth Associations in the San Pedro Basin, Southeastern Arizona
- 3:15 William Jerrems—Testing the Clovis paradigm: fishing and hunting at the end of the Younger Dryas
- 3:30 Jeanne Binning and Alan P. Garfinkel—The Manifestation of Clovis in the Far Western United States: An Example from Inyo County, California
- 3:45 Angelo Constantine—Early Settlements in continental Ecuador: New Evidences of Pre-Ceramic sites
- 4:00 Fabiana Martin, Manuel San Roman, Flavia Morello, Francisco J. Prevosti and Luis Alberto Borrero—The FONDECYT 1100822 Project, Ultima Esperanza, South Chile: Taphonomic reevaluation of the Late Pleistocene interaction between humans and extinct fauna in Southern Patagonia
- 4:15 José Capriles and Juan Albarracín-Jordan—Late Pleistocene human occupation in highland Bolivia: Archaeological evidence from the Sora River caves
- 4:30 Astolfo Araujo—Paleoindians in Southeastern Brazil: New Data from Rio Claro and Lagoa Santa

[232] SYMPOSIUM ■ THEORIZING THE SALISH SEA: NEW PERSPECTIVES ON THE GULF OF GEORGIA REGION OF THE NORTHWEST COAST

Room: 313 (CC)

Time: 1:00 PM–5:00 PM

Organizers: Colin Grier, Kisha Supernant and Patrick Dolan

Chairs: Kisha Supernant and Patrick Dolan

Participants:

- 1:00 David Bilton and Bryn Letham—Beyond the River: A Look at the Intersections of Landscape and Culture in shísháhlh Prehistory
- 1:15 Gary Coupland and Gay Frederick—Diversity in the Salish Sea: The Case of the Sechelt of the Northern Georgia Strait
- 1:30 Chris Springer, Megan Caldwell, Dana Lepofsky, Sarah Johnson and Michelle Washington—The Built Environment of the Northern Coast Salish: An Archaeological View from Desolation Sound, British Columbia
- 1:45 Adam Rorabaugh—Exploring Variation in Sociocultural Transmission Between Blade and Hafting Elements of Chipped Stone and Ground Slate Points in the Salish Sea, Northwest North America.
- 2:00 Amanda Taylor—Triangulating the Emergence of Territorial Circumscription in the San Juan Islands, Washington
- 2:15 Darcy Mathews—Powerful Practice: Ritual Action and the Funerary Landscape of Rocky Point
- 2:30 Patrick Dolan—Rules and Roles: The Scale of Economic Production at Dionisio Point, a Marpole phase Village
- 2:45 Anthony Graesch, David Schaepe and Lisa Dojack—Built Space and the Instantiation of Political Authority in the Pacific Northwest: The Relationship of In-Ground to Above-Ground Residential Architecture on the Central Coast
- 3:00 David Schaepe, Michael Blake, Sue Formosa, Dana Lepofsky and Anthony Graesch—Exploring Xelháhlh as a Place of Centralized Power among the Stó:lo-Coast Salish
- 3:15 Kisha Supernant—To Defend or not to Defend?: An evaluation of the defensibility

- of rock feature sites in the Lower Fraser River Canyon, BC
- 3:30 Terry Clark—Archaeology of communities within the Salish Sea: grappling with issues of scale and identity.
- 3:45 Michael Blake—Modeling Territories along the Northern Shores of the Salish Sea
- 4:00 Bill Angelbeck— An “Indirect Historical Approach” to Cultural Change: Considering Shifts in Societal Tensions throughout the Coast Salish Past
- 4:15 Colin Grier—Resource Ownership and Contested Domains of Sociopolitical Complexity in the Coast Salish World
- 4:30 Ken Sassaman—Discussant
- 4:45 Ken Ames—Discussant

[233] POSTER SESSION ■ BIOARCHAEOLOGY OF THE AMERICAS

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Participants:

- 233-a Matthew Velasco and Elizabeth Arkush—Variations on a Tomb: Stylistic Difference and Conceptual Similarity in Northern Titicaca Basin Mortuary Practice
- 233-b Cassandra Koontz and John Rick—Unceremonious Endings: Burial Treatment, Trauma, and Paleopathology of a Historic Population from Chavín de Huántar, Peru
- 233-c Valerie Andrushko—Skeletal Evidence for Inca Warfare from Cuzco, Peru
- 233-d Teresa Franco—Chinchorro Maritime Foragers in the Coastal Camarones Valley of Northern Chile: Seasonality and Paleocology
- 233-e Amanda Bailey—Artificial Cranial Modification At the Carson Mounds Site
- 233-f Mark Hubbe and Christina Torres-Rouff—The occupation of the San Pedro de Atacama oases (northern Chile): A review of the chronology and geography of settlement through the direct 14C dating of human remains
- 233-g Sara Juengst and Sergio Chavez—After the Fall: Trauma and Labor in the Late Intermediate Period at Ch'isi
- 233-h Ellen Lofaro and Tiffany Tung—Mississippian Stress: A Comparative Study of Degenerative Joint Disease in Tennessee and Georgia
- 233-i Richard Sutter—Dentally Derived Phenetic Relatedness Among the Moche (AD 200 – 750) of the North Coast of Perú: A Comparison of the Skeletal Populations from San José de Moro to those from the Moche Valley
- 233-j Kent Johnson, Kristin Nado and Paul Goldstein—A Reevaluation of the Dual Diaspora Model of Tiwanaku Organization in the Moquegua Valley, Peru using Odontometric and Cranial Nonmetric Data
- 233-k Andrew Somerville, Paul Goldstein, Sarah Baitzel and Margaret Schoeninger—Paleodiet in the Tiwanaku Periphery: Carbon and Nitrogen Isotope Data from Rio Muerto, Moquegua, Peru
- 233-l Aubree Gabbard and Danielle Kurin—A bioarchaeological comparison of cranial modification and health in ancient highland and coastal Peru
- 233-m Corina Kellner, Andrew Somerville and Margaret Schoeninger—Strontium analyses of human bone reveal no Wari state emissaries in the Nasca region of south coastal Peru (750-1000 A.D.)

[234] POSTER SESSION ■ FROM MOMENTS TO MILLENNIA: MULTISCALAR ANALYSES OF THE NEOLITHIC-EARLY BRONZE AGE MORTUARY LANDSCAPE OF TORRES VEDRAS, PORTUGAL

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Organizer and Chair: Katina Lillios

Participants:

- 234-a Anna Waterman, David, W Peate and Ana Maria Silva—In search of homelands: using strontium isotopes to identify biological markers of mobility in late prehistoric Portugal
- 234-b Joe Artz—The Architecture of Ritual: the Creation of a Rock-Cut Tomb at Bolores, Torres Vedras, Portugal
- 234-c Sara Moore and Anna Waterman—Determining biological sex ratios using hand and foot metrics of the Neolithic-Early Bronze Age burial population of Bolores (Torres Vedras, Portugal)
- 234-d Meagan Thies and Joe Artz—GIS, Taphonomy, and the Mortuary Rockshelter of Bolores, Torres Vedras, Portugal
- 234-e Katina Lillios—Interpreting Variability of Late Neolithic Burial Sites in the Sizandro-Alcabrichel River Valleys

[235] POSTER SESSION ■ MORTUARY ANALYSIS IN THE AMERICAS

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Participants:

- 235-a Kristina Eronat—Marine Subsistence as Probable Cause for Dental Health Variations in Prehistoric Panamanians of the Caribbean Coast : Quantitative and Non-Metric Dental Analysis from Sitio Drago, Isla Colón, Bocas del Toro, Panama
- 235-b Jeremy Pye—Faces from the Past: History of Ceramic Memorial Portraits on Grave-Markers
- 235-c Cheryl Anderson, Debra Martin and Jennifer Thompson—Taphonomy and Cremation of Human Remains from San Francisco de Borja
- 235-d Jessica Raab—And You Shall Know Us By The Trail Of The Dead: Documenting Traumatic Injury in the Pericú of Baja California Sur
- 235-e Spencer LeDoux—Spatial Relationships and Burial Patterns at the Lake Jackson Site, Florida
- 235-f Jonathan Scholnick—Spatial Patterning and Stylistic Diffusion in New England Gravestones

[236] POSTER SESSION ■ MORTUARY ANALYSIS IN THE OLD WORLD

Room: East Lobby-Third Floor (CC)

Time: 2:30 PM–4:30 PM

Participants:

- 236-a Gwyn Madden and Janet Brashler—A Late Roman Early Byzantine Tomb in Northern Jordan
- 236-b Meredith Chesson and Morag Kersel—Following the Pots: Groundtruthing a Looted Cemetery, Assessing Loss, and Utilizing What Remains
- 236-c Alexis Dolphin, Katharina Lorvik and Anna Karin Hufthammer—Dental Indicators of Children's Responses to Urbanisation in Early Medieval Bergen, Norway
- 236-d Jacqueline Eng and Vanchigdash Mergen—Health of Xiongnu and Mongol Period populations: a bioarchaeological analysis of pastoral populations from two ancient

- Mongolian empires
- 236-e Ben Shepard—Middle Holocene political economies in the Cis-Baikal, Russia: insights from mortuary data.
- 236-f Monica Tromp and John Dudgeon—SEM-EDS is an effective tool for population-level analysis of microfossils extracted from prehistoric human dental calculus
- 236-g Hillary Glasgow, Matt Sponheimer and Andrew Wilson—Stable Isotope Analysis of Ancient Nubian Hair: A Comparison of Two Medieval Skeletal Populations from Kulubnarti, Sudan

[237] POSTER SESSION ■ THE DEAD DON'T BURY THEMSELVES*: TAPHONOMY AS A TOOL TO UNDERSTAND VIOLENCE AND SEX IN THE PAST

Room: East Lobby

Time: 2:30 PM–4:30 PM

Organizers: Ryan Harrod, Anna Osterholtz and Debra Martin

Chairs: Ryan Harrod and Anna Osterholtz

Participants:

- 237-a Judith Littleton, Michael Dickson and Bruno Frohlich—Postmortem violence? Identifying and interpreting postmortem disturbance in Mongolia
- 237-b John Robb, Christopher Knüsel and Maryanne Tafuri—From bone to stone: processing the dead at Scaloria Cave, Italy
- 237-c John Crandall, Debra Martin and Jennifer Thompson—Reconstructing Taphonomy at La Cueva de los Muertos Chiquitos
- 237-d Ventura Pérez and Peter Jiménez Betts—The Taphonomy of a Sacrifice: Burial 6 of the Patio Hundido at el Teul
- 237-e Vera Tiesler, Arturo Romano-Pacheco and Jorge Gómez-Valdés—Re-evaluating the human remains of Ossuary 1 from El Zapotal, Veracruz
- 237-f H. Wolcott Toll and Nancy Akins—Violence against People, Bodies, or Bones: Lessons from La Plata New Mexico
- 237-g Anna Osterholtz and Ann Stodder—Personal Taphonomy at Sacred Ridge: Burial 196
- 237-h Pamela Stone—Contextualizing Death and Trauma at Canyon de Muerto
- 237-i Kerriann Marden—Violence, taphonomy and cannibalism in Chaco Canyon: Discerning taphonomic changes from human action in the archaeological record
- 237-j Ryan Harrod and Debra Martin—Taphonomy After the Fact: Violence, Sex and Ritual in Room 33 at Chaco
- 237-k Misty Fields, James Watson and Marijke Stoll—An Expanded Taphonomic Approach to Violence and Postmortem Signaling in Early Farming Communities of the Sonoran Desert
- 237-l Debra Martin, Kristin Kuckelman and Debra Martin—Taphonomy and Warfare in the Mesa Verde Region
- 237-m Rebecca Carroll and Rebecca Storey—The Posthumous Treatment of Multiple Inhumations: Evidence of Companion Sacrifice?
- 237-n Heidi Bauer-Clapp, Laura Solar Valverde and Lisa Rios—The Blessing and the Curse of Taphonomic Processes: A Bioarchaeological Analysis of a Shaft Tomb from Southern Zacatecas, Mexico

[238] GENERAL SESSION ■ AGRICULTURE, WATER, AND ANTHROPOGENIC LANDSCAPES IN MESOAMERICA: PART 2
Room: 316 (CC)
Time: 3:15 PM–5:00 PM
Chair: Daniel Leonard

Participants:

- 3:30 Daniel Leonard and Jeffrey Vadala—Ancient Maya Wetland Management in the Yalahau Region of Northern Quintana Roo, Mexico
- 3:45 Samantha Krause, Thomas Guderjan, Sheryl Luzzadder-Beach and Timothy Beach—Identifying the extent of ancient Maya ditched field systems in the Rio Hondo valley of Belize and Mexico.
- 4:00 Deanna Jones and Anabel Ford—Mismanagement or Misrepresentation: Implications of Botanical and Faunal Data from the Maya Forest
- 4:15 Scott Macrae and Gyles Iannone—The Development and Maintenance of Ancient Maya Agricultural Systems: A Case Study from Minanha, Belize
- 4:30 Kimberly Berry—Thirty Years of Wetland Research at Pulltrouser Swamp: Extracting Ourselves and Meaning from the Clay-rich Sediments
- 4:45 Linda Neff and Ted Neff—Year One: Lessons Learned on the Belize Farming Past and Present Experimental Archaeology Project

[239] SYMPOSIUM ■ ARCHAEOLOGY BEHIND THE REDWOOD CURTAIN: RECENT RESEARCH ON THE NORTH COAST OF CALIFORNIA

Room: 309/310 (CC)

Time: 3:15 PM–5:00 PM

Organizer and Chair: C. David Johnson

Participants:

- 3:15 Janet Eidsness—Context of Place: Behind the Redwood Curtain, North Coastal California
- 3:30 Nick Angeloff—California Humboldt Subsistence Settlement
- 3:45 Shannon Tushingam—Historic Trends in the Mass Harvest of Smelt (Osmerids) on the North Coast of California
- 4:00 William Larson, Bridget Wall and Mark Basgall—The Smith Creek House Pit Site: Archaeological Investigation of an Ethnographic Village.
- 4:15 C. David Johnson—The Long-Lost Coast: Searching for Evidence of Early Coastal Migration in the King Range National Conservation Area
- 4:30 William Rich—North Coast Digital Heritage Project
- 4:45 Jamie Roscoe—Discussant

[240] GENERAL SESSION ■ INTERACTION AND EXCHANGE IN THE AMERICAS

Room: 302/303 (CC)

Time: 3:15 PM–5:00 PM

Chair: William Green

Participants:

- 3:15 Victoria Stosel—An Examination of Alaskan Shell Beads
- 3:30 Melinda McCrary, MA, RPA—New Discoveries in the Spatial Distribution of Olivella Grooved Rectangle (OGR) Beads
- 3:45 Patrick Dempsey—Shoshonean Votive Objects Along the Southern California Bight
- 4:00 William Green—Greenshield Revisited: Alfred W. Bowers' Excavations at a

- 4:15 Contact-Era Arikara and Mandan Site in Oliver County, North Dakota
Thomas Foster and Matthew Boehm—An analysis of Native American trade from factory records of the early nineteenth century in Georgia
- 4:30 Maureen Meyers—Trade and Power Across Households at a Mississippian Frontier
- 4:45 S. Margaret Spivey—All Our Relations: Elucidating Social Networks through an Analysis of Lithic Trade Networks Associated with the Poverty Point Site

[241] GENERAL SESSION ■ NATIVE AMERICAN RESPONSES TO EUROPEAN CONTACT, COLONIZATION, AND ASSIMILIATION

Room: 103 (CC)

Time: 3:15 PM–5:00 PM

Chair: Jacob Sauer

Participants:

- 3:15 Jacob Sauer—Resistance and Resilience in Indigenous Social Systems: The Araucanian Example from South-Central Chile
- 3:30 Alexander Menaker—Colonial Beads throughout the Peruvian Andes
- 3:45 Nathaniel VanValkenburgh and Carol Rojas Vega—Urbs and Civitas: Forced Resettlement and the Fashioning of Political Subjectivity in the Zaña and Chamán Valleys, Perú - 16th to 18th Centuries, AD
- 4:00 Matthew Schmader—Coronado in the Tiguex Province: Assemblage and Tactics of a 16th Century Spanish Entrada Site
- 4:15 Margaret Stack—An Archaeological Appraisal of 18th and 19th Century “Spanish Indians” on the West Coast of Florida
- 4:30 Marcus Grant—Recognizing Late Nineteenth and Early Twentieth Century Native American Refuge Sites in the Desert West
- 4:45 Liam Frink—The Political Economy of Native Alaskan Children and Religious Colonialism

[242] SYMPOSIUM ■ A NEW FRONTIER FOR HISTORIC PRESERVATION: SPACE AND AVIATION HERITAGE

Room: 202 (CC)

Time: 3:30 PM–5:00 PM

Organizer: Lisa Westwood

Chairs: Lisa Westwood and Beth O’Leary

Participants:

- 3:30 Beth O’Leary—The Evolution of Space Archaeology and Heritage
- 3:45 Lisa Westwood—The Congressional Spyglass: an Alternative View of Historic Preservation on the Moon
- 4:00 Nicole Ramirez and Lisa Westwood—Space Exploration as a Universal Value: A Case for Nominating Tranquility Base as a World Heritage Site
- 4:15 Justin Walsh—Models for the Protection of Cultural Heritage in Space: An Internationalist Perspective
- 4:30 Hanna Szcapanowska and Thomas Mathia—Space Heritage, model of transmitting aerospace technology concepts to the public; a case study, Apollo heat shield.
- 4:45 Wayne Donaldson—Countdown to Disaster: The Preservation of Cold War Era Aerospace Resources and Beyond

[243] GENERAL SESSION ■ CERAMIC ANALYSIS IN MESOAMERICA

Room: 301 (CC)

Time: 3:45 PM–5:00 PM

Chair: Jim Aimers

Participants:

- 3:45 Mia Jorgensen—Resuming the Past: Revisiting Ceramic Materials from Millon, Drewitt, and Bennyhoff's 1959 Investigations of the Pyramid of the Sun
- 4:00 Don Perez—Petrographic Analysis of Potsherds from the Ancient Maya Site of Copan
- 4:15 Jim Aimers and Helen Haines—The Pottery of Ka'Kabish, Belize
- 4:30 Yuko Shiratori and Miriam Salas—Ceramics of the Itza Maya in the Petén Lakes Region
- 4:45 Carmen Sanchez Fortoul—Mayapán Pottery Materials: A Petrographic Analysis

[244] GENERAL SESSION ■ CULTIVATION AND SETTLEMENT IN THE AMERICAN SOUTHWEST

Room: 319 (CC)

Time: 4:00 PM–5:00 PM

Chair: Fred Nials

Participants:

- 4:00 Arthur MacWilliams, Robert Hard, John Roney and Karen R. Adams—A15-06 and Settlement on the Río San Pedro River of Southern Chihuahua, Mexico
- 4:15 Fred Nials—An Early Agricultural Period Irrigation System in the Tucson Basin, Arizona, USA
- 4:30 Joshua Foster—Mimbres Mortar Holes, what were there purpose?
- 4:45 Andrea Messer—Population Pressure and Small Ancestral Pueblo Sites in the Mesa Verde Region

[245] GENERAL SESSION ■ ARCHAEOLOGY OF THE DEAD IN SOUTH AMERICA: PART 2

Room: 307 (CC)

Time: 3:45 PM–4:45 PM

Chair: Danielle Kurin

Participants:

- 3:45 Sara K. Becker—Labor in the South Central Andes: A Bioarchaeological Study of Activity within the Tiwanaku Polity
- 4:00 Sonia Alconini and Sara K. Becker—Trophy Head Taking in the Eastern Tiwanaku Peripheries: The Site of Wata Wata in the Charazani Valley, Bolivia
- 4:15 Christine Pink and Danielle Kurin—Beyond the grave: Continuity among Chanka populations in the Andahuaylas Province, Peru.
- 4:30 Danielle Kurin and D. Enmanuel Gomez Choque—No pain, no gain: post-imperial violence and ethnic solidarity among the Chanka of highland Peru (AD 1000-1400)

[246] GENERAL SESSION ■ COMMUNITY ORGANIZATION, STORAGE, AND CONSTRUCTED SPACE IN AFRICA

Room: 311/312 (CC)

Time: 4:00 PM–4:45 PM

Chair: Elisabeth Hildebrand

Participants:

- 4:00 Elisabeth Hildebrand and Timothy Schilling—Social and Economic Significance of Early Storage Pits on Sai Island, Sudan

- 4:15 George Herbst and Stuart Smith—Pre-Kerma transition at the Nile Fourth Cataract: evidence of stratified late prehistoric settlement in northern Sudan
4:30 Christine Plimpton—The Origin of Egyptian House Space Permeability Pattern

[247] GENERAL SESSION ■ GLOBAL CULTURAL HERITAGE AND COMMUNITY ENGAGEMENT

Room: 314 (CC)

Time: 4:00 PM–5:00 PM

Chair: Fred Hiebert

Participants:

- 4:00 Rosana Najjar—The City as Artifact: digging at the Historic Center of Salvador, Brazil
4:15 Eszter Banffy—Cultural Heritage Management and Archaeological Research in the Americas and Europe A Forum on SAA and EAA Collaboration
4:30 Fred Hiebert—Cultural heritage protection in Afghanistan: Update on archaeology
4:45 John Bower—Serengeti Breakthrough: Opening the Door to CHM in Tanzania's World Famous Wildlife Park

[248] SYMPOSIUM ■ RECENT RESEARCH AT ARIZONA NATIONAL PARKS AND MONUMENTS

Room: 204 (CC)

Time: 4:00 PM–5:00 PM

Organizers: Kelly Stehman and Lisa Baldwin

Chair: Lisa Baldwin

Participants:

- 4:00 Duane Hubbard, Gavin Gardner and Jake DeGayner—New Archaeological Research Resulting from Border Impacts at
4:15 Theodore Tsouras—The Easy Way Down: Documentation of Walnut Canyon National Monument's Ancient Water Trail
4:30 Kelly Stehman and Lisa Baldwin—Investigating the Historic Navajo Occupation of Wupatki National Monument
4:45 Ellen Brennan, Ian Hough and Charlie Webber—Investigating A New Organic Amender Compound For Use During Stabilization Activities On Prehistoric Structures at Grand Canyon National Park

Sunday Morning ■ April 3, 2011

[249] FORUM ■ ANTHROPOGENIC SEDIMENTS AS ARCHAEOLOGICAL OBJECTS: A DISCUSSION FORUM

(Sponsored by Geoarchaeology Interest Group)

Room: 103 (CC)

Time: 8:00 AM–10:00 AM

Organizer and Chair: Melissa Goodman-Elgar

Participants:

Paul Adderley—Discussant
Timothy Beach—Discussant
E. Christian Wells—Discussant
William Farrand—Discussant
Joseph Schuldenrein—Discussant
Nicholas Wolff—Discussant
Patricia McAnany—Discussant

[250] FORUM ■ GIS MODELING AT THE SITE OF JOYA DE CERÉN

Room: 302/303 (CC)

Time: 8:00 AM–10:00 AM

Organizers: Shanti Morell-Hart and Christine Hastorf

Chairs: Rob Cuthrell and Alan Farahani

Participants:

Katherine Chiou—Discussant
Peter Nelson—Discussant
Linda Brown—Discussant
Brian McKee—Discussant
Harriet Beaubien—Discussant
Marilyn Beaudry—Discussant
Christine Dixon—Discussant
Anna Harkey—Discussant
Annelise Morris—Discussant

[251] FORUM ■ TODAY'S ONLINE MEDIA BLACK HOLE AND ARCHAEOLOGY

(Sponsored by Media Relations Committee and Gene S. Stuart Award Committee)

Room: 317/318 (CC)

Time: 8:00 AM–10:00 AM

Organizers: Renata Woly nec and Jon Czaplicki

Chair: Renata Woly nec

Participants:

Renata Woly nec—Discussant
Jon Czaplicki—Discussant
Andrea Messer—Discussant
Pei-Lin Yu—Discussant
Zachary Nelson—Discussant

[252] FORUM ■ WHEN THE TANGIBLE AND INTANGIBLE ARE ONE: EXPLORING THE IMPLICATIONS OF INDIVISIBLE CULTURAL HERITAGE FOR ARCHAEOLOGY

Room: 316 (CC)

Time: 8:00 AM–10:00 AM

Organizer: George Nicholas

Participants:

Martin Wobst—Discussant
Margaret Bruchac—Discussant
Desiree Martinez—Discussant
John Norder—Discussant
Robert Preucel—Discussant
Ora Marek-Martinez—Discussant
Des Kahotea—Discussant

[253] SYMPOSIUM ■ DETECTING AND INTERPRETING RITUAL IN ARCHAEOLOGICAL SITES

Room: 315 (CC)

Time: 8:00 AM–10:15 AM

Organizers: Daniela Klokler, Ximena Villagran and Maria Dulce Gaspar

Chair: Ximena Villagran

Participants:

8:00 Thomas Huffman—The organisation of ritual in early farming societies in southern Africa
8:15 Marisa Afonso—Archaeological approaches to ritual in Southeastern Brazil: shell mounds and Tupi Guarani sites
8:30 Ian McNiven—Ritual middening practices in Torres Strait, NE Australia
8:45 Maria Dulce Gaspar and Daniela Klokler—Amourins: same site, different perspectives. Sambaqui archaeology 30 years later
9:00 Jose Lopez—Funerary and ritual practices in Prehistoric lowlands of Uruguay.
9:15 Antonieta Jerardino—Integrating hunter-gatherer resource intensification and feasting along the West Coast of South Africa
9:30 Gina Bianchini, Rita Scheel-Ybert, Maria Dulce Gaspar and Paulo Antônio Dantas DeBlasis—Tropical feasting by the edge of the sea: evidences of plant use in a funerary shellmound site from Southern Brazil
9:45 Elisa Villalpando—La Playa. Some Hints on Ritual at Early Agricultural Communities in Northwest Mexico
10:00 Daniela Klokler and Ximena Villagran—Optimal foraging and exceptional feasting: from environmental adaptation to social integration

[254] SYMPOSIUM ■ AN ARCHAEOLOGY OF HERITAGE: WHAT DOES THE PRESERVATION OF REMAINS FROM THE PAST REVEAL ABOUT THE PRESENT?

Room: 314 (CC)

Time: 8:00 AM–10:30 AM

Organizers: Elizabeth Chilton and Cornelius Holtorf

Chairs: Cornelius Holtorf and Elizabeth Chilton

Participants:

8:00 Cornelius Holtorf—The Archaeology of Heritage: An Introduction
8:15 K. Anne Pyburn—World Heritage: Universality or Just Globalization?
8:30 Anders Högberg—Old Uppsala, Sweden: 1,500 year old Royal burial mounds and what they can reveal about heritage today
8:45 Morag Kersel and Yorke Rowan—Deconstructing the Holy Land: Cultural

- Heritage, Archaeology, Tourism and the Miniature
- 9:00 Willem Willems—Problems with preservation in situ
- 9:15 Ian Russell—The ethics of oblivion and forgetting: Against archaeology's hypermodern heritage
- 9:30 Mats Burström—"As Long as the World Lasts..." Time perspectives within cultural heritage management
- 9:45 John Schofield—The persistence of place, beyond preservation
- 10:00 Liv Nilsson Stutz—Schwarzenegger's smile. The controversy of the Mamilla Cemetery and how the preservation and destruction of a burial site takes central stage in world politics.
- 10:15 Elizabeth Chilton—Museum as artifact: a case study from (colonial) New England

[255] GENERAL SESSION ■ ISOTOPE RESEARCH: INSIGHTS AND CONTRIBUTIONS

Room: 301 (CC)

Time: 8:00 AM–10:30 AM

Chair: Margaret Schoeninger

Participants:

- 8:00 Lee Drake—Isotopic Chemistry & You: New Ways to Detect Drought
- 8:15 Margaret Schoeninger, Melanie Beasley, Andrew Froehle and Corina Kellner—Diet reconstruction using carbon stable isotope in bone collagen and apatite
- 8:30 Jacob Fisher—Climate Change, Isotopes, and Mountain Sheep Hunting at Five Finger Ridge, Utah
- 8:45 Diane Wilson—A Synthesis of Dietary Stable Isotope Values from the Caddo Culture Region
- 9:00 Emily Webb, Christine White and Fred Longstaffe—Isotopic evidence for the regional significance of the Nasca ceremonial centre of Cahuachi
- 9:15 Clive Bonsall, Ivana Radovanovic, Adina Boroneant, Catriona Pickard and Gordon Cook—Distinguishing between freshwater- and terrestrial-based diets? The case of the Iron Gates Mesolithic
- 9:30 Alasdair Whittle, Penny Bickle, Alex Bentley, Robert Hedges and Linda Fibiger—Diversity in LBK lifeways
- 9:45 Vicky Oelze and Michael Richards—Early Bronze Age & Early Iron Age couch potatoes – Is there evidence for mobility at the sites of Singen & Magdalenenberg?
- 10:00 Sylvia Deskaj—In Search of Origins: The application of Strontium isotope analysis along the eastern Adriatic
- 10:15 Phillip Johnson and Eric J. Bartelink—Prehistoric Marine and Terrestrial Resource Consumption in West Polynesia: Isotopic Evidence from Tutuila Island, Amerika Samoa

[256] SYMPOSIUM ■ THE SACRAMENTO RIVER AND ITS MOUNDS: A FRESH LOOK AT ITS PREHISTORY.

Room: 202 (CC)

Time: 8:00 AM–10:30 AM

Organizer and Chair: Nikki Polson

Participants:

- 8:00 Tim Carpenter and Kim Carpenter—Prehistoric Faunal Resource Use along the Lower Sacramento River, California
- 8:15 Eric Wohlgemuth—Change and Continuity in Prehistoric Plant Resource Use along the Lower Sacramento River
- 8:30 Jack Meyer and Jeffrey Rosenthal—Geoarchaeological Landscape History of the

- Sacramento River
- 8:45 Emilie Zelazo—Resource Intensification in Central California: Evidence from the Sacramento River and Consumnes River Drainage
- 9:00 Nikki Polson—Learning from the past: a double meaning
- 9:15 John Darwent, Tim Carpenter and Richard Deis—Prehistoric lithic recycling in the lower Sacramento Valley, California
- 9:30 Anna Starkey—From Bulbs to Bolas - Baked Clay in Prehistoric Sites along the Sacramento River
- 9:45 Richard Deis—Occupation and Settlement Patterns Along the Sacramento River
- 10:00 Jerald Johnson—Discussant
- 10:15 William Hildebrandt—Discussant

[257] SYMPOSIUM ■ MAPPING AND TECHNOLOGICAL EXPERIMENTS IN ARCHAEOLOGY

Room: 306 (CC)

Time: 8:00 AM–10:45 AM

Organizer and Chair: Justin Williams

Participants:

- 8:00 Christopher Noll, John Kannady and Brenton Sharratt—Lithic Scatters that Blow: Wind as an Agent of Secondary Deposition of Lithic Artifacts.
- 8:15 Kristin Safi—Examining Processes of Migration and Friction Routes to Explain the Depopulation of the Mesa Verde Region
- 8:30 Louis Fortin—Lithic Investigations and Spatial Patterning in the Moquegua Valley, Peru
- 8:45 Stefani Crabtree, Ziad Kobti and Tim A. Kohler—Archaeology Time Machine: Witnessing Social Interactions on the Pueblo Landscape through Agent-based Simulation
- 9:00 Justin Williams—Platform Size and Flake Morphology: the Effects of Nodule Shape
- 9:15 Sarah Price, Andrew Bradbury and Philip Carr—One Size Does Not Fit All: Small-Gravel Cherts and Reconsideration of the Knapping Process
- 9:30 Erin McIlraith and Justin Williams—Learning Lithics: Quantifying Flake Uniformity for a Beginner Flint Knapper
- 9:45 Philip Fisher and Kathryn Harris—A New Measure of Curation for North American Hafted Bifaces
- 10:00 Kathryn Harris and Philip Fisher—Efficiency of hafted bifaces as saws
- 10:15 Sophia Asbury—Testing the Limits of Rim Sherd Measurement
- 10:30 William Andrefsky Jr. —Discussant

[258] GENERAL SESSION ■ POWER, CONFLICT, AND RITUAL IN EURASIA

Room: 304 (CC)

Time: 8:00 AM–10:45 AM

Chair: Joanne Murphy

Participants:

- 8:00 Mark Mehrer—Mississippian and Chinese Neolithic Fortified Villages
- 8:15 Elizabeth Childs-Johnson—Erligang bronze vessels and early Shang hegemony
- 8:30 Andrea Creel—The Sense of Ritual in Votive Deposition at Kuntillet 'Ajrūd and the Southern Levant
- 8:45 Jay Silverstein, Robert Littman, Joshua Trampier, Nicholas Hudson and Daniel Jones—Kilns, Harbors, and Temples: Excavations of the Ptolemaic Occupation on the Northern Edge of Tell Timai, Egypt

- 9:00 Adam Schneider—Divine Kingship, Crisis, and the Locus of Political Agency in Ancient Mesopotamia
- 9:15 Paul Zimansky—Cultural Assimilation and Imperial Control in an Urartian City
- 9:30 Amy Karoll—Reconsidering the End of the Early Bronze Age in Western Syria
- 9:45 John Scott—From Trajan to T. E. Lawrence: 2000 Years of Conflict Stratigraphy in Wadi Yutm, Southern Jordan
- 10:00 Joanne Murphy—Repeat, repeat, repeat? Rituals in the tombs around the Mycenaean palace at Pylos, Greece.
- 10:15 Andre Gonciar—Practices of change, change of practices: the Middle Bronze Age to Late Bronze Age transition in Transylvania (Romania)
- 10:30 Robert Simpkins—Affiliation and rivalry in the architecture of India's Golconda kingdom

[259] GENERAL SESSION ■ SITE PRESERVATION: LEGAL, ETHICAL, AND METHODOLOGICAL ISSUES

Room: 319 (CC)

Time: 8:00 AM–10:15 AM

Chair: Marni Walter

Participants:

- 8:00 Marni Walter—In the Eye of the Beholder?: A Framework for Authenticity
- 8:15 Ben Thomas and Meredith Anderson—Sustainable Site Preservation: Beyond Bricks and Mortar
- 8:30 Marianne Ballantyne and Kevin Magee—Archaeological Enclaves: The Effects of 22 Years of Differential Land Management Policy on the Archaeological Record
- 8:45 Helen Fairley, Brian Collins and Amy Draut—Use of terrestrial lidar to monitor archaeological site condition in Grand Canyon, Arizona
- 9:00 Jeanette McKenna—A Re-Evaluation of Milling Sites in Southern California
- 9:15 Ken Wilson—Hay Ranch Water Extraction Delivery System
- 9:30 Scott Green—Preserving the Past for the Future: Eight New Cultural Preserves in California State Parks
- 9:45 Meghan Pace—Necessity Dictates Action: A Brief Introduction to Chinese Salvage Archaeology From an American Perspective
- 10:00 Sue Smalldon, Tootsie Daniel and Robyne Churnside—Dummies Guide to Getting the Public Involved in Conservation of the Archaeological Record: an example of Traditional Owners; Archaeologists; Politicians and the Public working together for the Conservation of Burrup Peninsula (Murujuga) Rock Art in Western Australia

[260] GENERAL SESSION ■ SYMBOLISM, ART, AND IDENTITY

Room: 305 (CC)

Time: 8:00 AM–10:30 AM

Chair: Bretton Giles

Participants:

- 8:00 Gala Argent—Tattoos, Transcendence and Time: Humans, Horses and Cosmology in the Pazyryk World
- 8:15 Lolita Nikolova—Gender and Jewelry in Prehistory (Balkan Case Study)
- 8:30 Pedro Maria Arguello Garcia—Rock art and domestic ritual. A locational analysis of El Colegio petroglyphs, center of Colombia.
- 8:45 Gabriela Cervantes, Izumi Shimada and Haagen Klaus—Multiethnicity in Sicán World: Figurines and other lines of evidence

- 9:00 John Foster, K. Harley McDonald, Charles Beeker and Geoffrey Conrad—Let There Be Light in the Dark Zone: Insights into Taino Cave Paintings in the Eastern Dominican Republic
- 9:15 Wendy Whitby—Cache Caves: A New Perspective on the Interior Landscape of South-central California
- 9:30 Marit Munson—The Problem With Pictures: Identifying Images in Southwestern Archaeology
- 9:45 Katherine Brooks—Investigating the Pre-Columbian Origins of Yaqui Ceremonial Masks
- 10:00 Bretton Giles—Extraordinary Beasts and Birds: A Comparison of Particular Ohio and Illinois Hopewell Symbols
- 10:15 Sandra Starr—Tracking the Birdman from the Ancient Andes to Mississippian North America: A Study of Art Historic Evidence

[261] SYMPOSIUM ■ HUMAN SOCIAL DYNAMICS IN EAST POLYNESIA: INSIGHTS FROM ARCHAEOLOGY, DEMOGRAPHY AND ECOLOGY IN LEEWARD KOHALA, HAWAII

Room: 104/105 (CC)

Time: 8:00 AM–11:00 AM

Organizer and Chair: Julie Field

Participants:

- 8:00 Patrick Kirch—Household archaeology and the rise of archaic states in Hawai'i
- 8:15 Thegn Ladefoged, Julie Field, Patrick Kirch, Michael Graves and Andrew Flaws—The distribution of residential features and changing land use in the leeward Kohala field system, Hawai'i
- 8:30 Jennifer Kahn—Elite Access to Resources and Labor: Late Prehistoric Residential Complexes in Coastal Kohala, Hawai'i
- 8:45 Peter Vitousek, Oliver A. Chadwick, Thegn Ladefoged and Aurora Kagawa—Agriculture and Biogeochemistry in Pre-contact Hawai'i: Opportunities and Constraints
- 9:00 Cedric Puleston and Shripad Tuljapurkar—Love, death and the sweet potato: Interactions between demography, food production and social dynamics in early Hawai'i
- 9:15 Michael Graves and Mark McCoy—The Timing of Agricultural Development in Leeward and Windward North Kohala, Hawaii Island.
- 9:30 Mark McCoy, Peter Mills, Jennifer Kahn and Rowan Gard—Territoriality and Interaction Spheres in Ancient Hawai'i: Results of new research on the exploitation of volcanic glass
- 9:45 Anna Browne Ribeiro, Mark McCoy, Michael Graves, Oliver A. Chadwick and Peter Vitousek—The Sustainability of Irrigated Taro Farming in Hawai'i: Sedimentology and soil nutrients analysis of a deeply-stratified pondfield
- 10:00 Peter Mills, Patrick Kirch, Jennifer Kahn, John Sinton and Julie Field—Sourcing of archaeological basalts and volcanic glass from leeward Kohala, Hawai'i Island.
- 10:15 Julie Field—Subsistence Economy and Settlement ca. AD 1500 in Leeward Kohala
- 10:30 Melinda Allen—Discussant
- 10:45 Tom Dye—Discussant

[262] SYMPOSIUM ■ NEW LOOKS AT OLD SITES: THE RESULTS OF RECENT RESEARCH AT PALEOINDIAN SITES IN THE GREAT BASIN

Room: 308 (CC)

Time: 8:00 AM–11:15 AM

Organizer and Chair: Geoffrey Smith

Participants:

- 8:00 Mark Estes, Ed Stoner and Geoffrey Cunnar—Preliminary Use-Wear Results from a Concentration of Western Stemmed Points in the Fire Creek Archaeological District, Central Great Basin
- 8:15 Ed Stoner and Geoffrey Cunnar—Fire Creek: A New Look at Old Dirt on Alluvial Fans in the Central Great Basin
- 8:30 Khori Newlander—Reconsidering the Lithic Landscape of East-Central Nevada during the Terminal Pleistocene/Early Holocene
- 8:45 George Jones and Charlotte Beck—A Paleoarchaic Surface Record from Coal Valley, Nevada
- 9:00 Lindsay Fenner—Pluvial Lakes and Great Basin Environments: Recent Investigations of the Earliest Inhabitants of Mud Lake, Nye County, Nevada
- 9:15 Daron Duke, Jay King and Craig Young—A Chronological GIS Model for Paleoindian Land Use in the Great Basin
- 9:30 Mark Basgall—Explaining Variation In Paleoindian Assemblages of China Lake And The Greater Mojave Desert
- 9:45 Joshua Keene and Clayton Marler—XRF Analysis of Stemmed Points from the Idaho National Laboratory, Northeastern Snake River Plain
- 10:00 Paul Santarone, E.S. Lohse and Coral Moser—The Role of Non-Bifacial Tools and Marginal Tool-Stone in Paleoindian Retooling: Insights from the Buried Beach Site
- 10:15 Bonnie Pitblado, Molly Boeka Cannon and Benjamin Fowler—Predictive Modeling of the Paleoindian Record in Southeastern Idaho and Northern Utah
- 10:30 Geoffrey Smith and Jennifer Kielhofer—Late For Dinner: A First Look at the Stemmed Points and Bifaces from Last Supper Cave
- 10:45 Dennis Jenkins, Loren Davis, Thomas Stafford and Eske Willerslev—Dating, context, and stratigraphic associations of late Pleistocene cultural deposits in the Paisley Caves of South-Central Oregon
- 11:00 Robert Kelly—Discussant

[263] SYMPOSIUM ■ PLACES THROUGH TIME: SITE-SPECIFIC HISTORICAL ECOLOGY ON THE PACIFIC COAST OF NORTH AMERICA

Room: 204 (CC)

Time: 8:00 AM–11:15 AM

Organizer: Amira Ainis

Chairs: Amira Ainis and Renè Vellanoweth

Participants:

- 8:00 Shelby Anderson, Adam Freeburg and James Jordan—Understanding 5,000 years of Human-Environmental Dynamics at Cape Krusenstern, Alaska
- 8:15 Madonna Moss—4000 Years of Tlingit Salmon Use at Coffman Cove, Alaska, and the Question of Resource Depression
- 8:30 Megan Caldwell, Dana Lepofsky and Michelle Washington—A Regional Understanding of Northern Coast Salish Intertidal Management
- 8:45 Adrian Whitaker—Short-term Ecological Consequences of Initial Human Occupation of the Punta Gorda Rockshelter
- 9:00 Brian Byrd and Adrian Whitaker—Was Abalone a Low-Ranked Resource along the Central California Coast?

- 9:15 Terry Joslin—Historical Ecology and Human Adaptations to Coastal Ecosystems along the Southern San Simeon Reef Region, California
- 9:30 Amira Ainis and Renè Vellanoweth—Historical Ecology of Bay Point, San Miguel Island: 6,000 Years of Intertidal Shellfish and Human Dynamics
- 9:45 Kristina Bond, Todd Braje, Torben Rick, Jon Erlandson and Gaia Dragosani—Anthropogenic Forcing on the Structure of Intertidal and Near Shore Ecosystems: Evidence from Otter Point, San Miguel Island
- 10:00 Lauren Willis and Jon Erlandson—The Nutritional Composition of Edible Native Plants on Santa Rosa Island, California
- 10:15 Carola Flores—Human Impact on Ancient Coastal Ecosystems around Santa Cruz Island, California: A Methodology to Combine Ecological, Archaeological, and Paleoclimatic records
- 10:30 Steven R. James—Late Holocene Human Impacts on Marine and Terrestrial Fauna in Southern Coastal California: Archaeological Examples from San Nicolas Island and the Palos Verdes Peninsula
- 10:45 Dan Grijalva and Steven R. James—Prehistoric Human Impacts on San Nicolas Island in the Southern California Channel Islands: Evidence for Overexploitation and Resource Depression of Shellfish At Site Ca-Sni-44
- 11:00 Gary Jones and Steven R. James—The Ninth Channel Island: Archaeological Investigations and Historical Ecology at Abalone Cove on the Palos Verdes Peninsula in Southern Coastal California

[264] SYMPOSIUM ■ BEYOND POTTERY TYPES: RECONSIDERING CERAMIC DESIGN AND TECHNOLOGY IN THE AMERICAN SOUTHWEST

Room: 313 (CC)

Time: 8:00 AM–11:00 AM

Organizer: Deborah Huntley

Chair: Suzanne Eckert

Participants:

- 8:00 Judith Habicht-Mauche—Dr. Strangesherd or: How I Learned to Stop Worrying and Love Tijeras White Ware
- 8:15 Scott Ortman—Pottery style and the Mesa Verde migration: new evidence from Tsama Pueblo, New Mexico.
- 8:30 David Snow and Kari Schleher—Read Their Lips: function and habitus in early Rio Grande glazeware bowl rims
- 8:45 Claire Barker and Patrick Lyons—Exploring the Meaning of the Late Prehispanic Yellow Ware Horizon
- 9:00 Suzanne Eckert—When is a polychrome? Slips, self-slips, and surfaces during the Pueblo IV period.
- 9:15 Dorothy Larson—Why Not Typology? A Case Study from the Albuquerque District of the Northern Rio Grande region.
- 9:30 Matthew Peeples—Ceramic Technological Variation and Social Change across the Pueblo III to Pueblo IV Transition
- 9:45 Deborah Huntley, Barbara Mills, Lara Muncaster and William Haas—The White-on-red Pottery Phenomenon in the American Southwest
- 10:00 Michael Searcy—Decorative Renaissance: Tracing Early Ceramic Designs into the Late Prehistoric Period in the U.S. Southwest/Northwest Mexico
- 10:15 Robert Heckman and Anna Neuzil—Trends, Styles, and Types: Prehistoric Ceramics In South East Arizona.
- 10:30 Ann Ramenofsky—Discussant
- 10:45 Vin Steponaitis—Discussant

**[265] SYMPOSIUM ■ SUBMERGED PREHISTORIC SITES ARCHAEOLOGY IN THE AMERICAS:
METHOD, THEORY, AND RESULTS BY ACADEMIC AND CRM PROJECTS ALIKE**

Room: 309/310 (CC)

Time: 8:00 AM–11:15 AM

Organizers: Michael Faught and Peter Leach

Chair: Brian Marks

Participants:

- 8:00 Jessi Halligan—Site Formation Processes and Paleoindian Artifact Context in Submerged Sinkholes of Northern Florida
- 8:15 John O'Shea—Comparing Acoustic Search Techniques on the Alpena-Amberley Ridge of Central Lake Huron
- 8:30 William Chadwick and Peter Leach—Coring Methods to Locate Buried Archeological Sites and Assess Buried Landscapes during Intertidal Archeological Surveys
- 8:45 Ann Surprenant and Brian Robinson—Intertidal Archaeology and Good Preservation: Low Tech Methods at the Seabrook Marsh Site, New Hampshire
- 9:00 Heather McKillop, Harry Roberts, Karen McKee, Terance Winemiller and Michael Wiemann—Submerged Salt Works: Snorkeling, Coring, Imaging, Diving, Excavating the Coastal Maya Underwater
- 9:15 Richard Weinstein, Charles Pearson and Sherwood Gagliano—Establishing Criteria for the Identification of Submerged Prehistoric Sites on the Outer Continental Shelf, Gulf of Mexico
- 9:30 Michael Faught—Remote Sensing, Target Identification, and Testing For Submerged Prehistoric Sites For Dredging Projects in Florida: Theory, Methods, and Lessons
- 9:45 Peter Leach—Prospection for Submerged Prehistoric Sites In Marine Environments: A Case Study From The Damariscotta River Estuary, Maine
- 10:00 Brian Marks—Site Formation Processes of Ontolo, A Submerged Prehistoric Site in Apalachee Bay, Florida
- 10:15 James Adovasio and C. Andrew Hemmings—Inundated Landscapes and the Colonization of the Northeastern Gulf of Mexico
- 10:30 Amanda Evans, Patrick Hesp, Brooks Ellwood, Graziela da Silva and Sophie Warny—Potential Prehistoric Sites in the Gulf of Mexico
- 10:45 Peter Leach—Discussant
- 11:00 Michael Faught—Discussant

[266] SYMPOSIUM ■ CURRENT APPROACHES IN MESOAMERICAN CAVE ARCHAEOLOGY

Room: 307 (CC)

Time: 8:00 AM–11:30 AM

Organizer: James Brady

Chair: Jennifer Coats

Participants:

- 8:00 Barry Kidder—The Chthonic Canvas: Elite Maya Scribes, Portals of Power, and Artistic Production in the Late Classic Period
- 8:15 Rebecca Sload—The Case for Specialized Activity Areas in the Cave under the Pyramid of the Sun, Teotihuacan
- 8:30 Michael Smyth, David Ortegón Zapata, Nicholas Dunning and Eric Weaver—The Xcoch Grotto, Yucatan: Paleo-Climatic Change and Maya Cultural Responses
- 8:45 Guillermo de Anda—Life And Death In The Archaeological Record Of Caves In Yucatan

- 9:00 James Brady—Preliminary Observations on the Investigation of Midnight Terror Cave, Belize
- 9:15 Allan Cobb and James Brady—The Implications of Ritual Pathways in Midnight Terror Cave Belize
- 9:30 Ann Scott—Some Preliminary Observations on the Midnight Terror Cave Ceramic Assemblage
- 9:45 Mario Giron—Ritualized Gladiatorial Contests in Classic Maya Ceramic Art
- 10:00 Melanie Saldana—Tools at Midnight Terror Cave: A Search for Function and Meaning
- 10:15 Hector Cordova—Jades and Items of Personal Adornment at Midnight Terror Cave: A Critical Assessment
- 10:30 Jennifer Coats—Caves and Burial: A Critical Examination of Maya Ideology Surrounding Cave Interment
- 10:45 Katina Krasnec and C. L. Kieffer—Determining Status in Looted and Sacrificial Contexts at Midnight Terror Cave
- 11:00 Shawn Morton and Dr. Christopher Andres—Tipan Chen Uitz: The Development of an Ancient Centre as Attested in Subterranean Site Contexts
- 11:15 Holley Moyes and Jaime J. Awe—The oldest ritual caves in the Maya Lowlands

[267] SYMPOSIUM ■ MINING AND QUARRYING IN THE ANCIENT ANDES

(Sponsored by Prehistoric Quarry and Early Mines Interest Group, Center for the Investigation of Ancient Quarries)

Room: 311/312 (CC)

Time: 8:00 AM–11:45 AM

Organizer: Nicholas Tripcevich

Chair: Kevin Vaughn

Participants:

- 8:00 William Brooks—Amalgamation and Small-Scale Gold Mining in the Ancient Andes
- 8:15 Gabriel Cantarutti—Inca Mining and Control in North-Central Chile: The Los infieles Mining Complex
- 8:30 Colin Cooke—Geoarchaeological and paleoenvironmental archives of ancient cinnabar mining in the Andes
- 8:45 Elizabeth Klarich and Andrew Roddick—Arcillas and alfareros: Clay and temper mining practices in the Lake Titicaca Basin
- 9:00 Justin Jennings—The Huarhua Rock Salt Mine: Possible Archaeological Implications of Modern Salt Extraction Practices
- 9:15 Dennis Ogburn and Nicholas Tripcevich—Variation in Inca Building Stone Quarry Operations in Ecuador and Peru
- 9:30 Kurt Rademaker, Bruce Kaiser, David Gibson and Michael D. Glascock—New Geochemical Data from the Alca Obsidian Source Region: Implications for Understanding Prehistoric Extraction and Distribution
- 9:45 Markus Reindel and Thomas Stoellner—Mining Archaeology in the Nasca and Palpa region, south coast of Peru
- 10:00 Carol Schultze—Silver Mines of the Northern Lake Titicaca Basin, Peru
- 10:15 Nicholas Tripcevich and Daniel Contreras—Quarrying and production at the Quispisisa Obsidian Source
- 10:30 Hendrik Van Gijsegheem, Kevin Vaughn, Verity Whalen, Moises Linares Grados and Jorge Olano Canales—Mining of copper and copper-bearing minerals in ancient Peru: New evidence from the Upper Ica Valley
- 10:45 Kevin Vaughn, Hendrik Van Gijsegheem, Jelmer Eerkens and Moises Linares

Grados—The Structure and Organization of Mining in Nasca from the Early Intermediate Period through the Middle Horizon: Recent Evidence from Mina Primavera

- 11:00 Patrick Williams, John Janusek and Carlos Lemuz—Building Taypikala: Changing Patterns of Stone Procurement and the Production of Tiwanaku Monumentality
11:15 Richard Burger—Discussant
11:30 Izumi Shimada—Discussant

[268] FORUM ■ FORMING PARTNERSHIPS AND PREPARING NEW GENERATIONS OF ARCHAEOLOGISTS

(Sponsored by Public Education Committee)

Room: 203 (CC)

Time: 8:45 AM–10:45 AM

Organizers: Alicia McGill and Marcia Bezerra

Chair: Alicia McGill

Participants:

- Sarah Wille—Discussant
Elaine Franklin—Discussant
Shoshaunna Parks—Discussant
Jeanne Moe—Discussant
Michael Reed—Discussant
Nancy Ely—Discussant
Della Scott-Iretton—Discussant
Jorge Najjar—Discussant
Beverly Chiarulli—Discussant
Alexandra Jones—Discussant
K. Anne Pyburn—Discussant
Carol Ellick—Discussant

[269] SYMPOSIUM ■ ARCHAEOLOGICAL, ETHNOHISTORICAL AND ETHNOGRAPHIC RESEARCH IN CUSCO, PERU

Room: 317/318 (CC)

Time: 10:15 AM–11:15 AM

Chair: Thomas Hardy

Participants:

- 10:30 Thomas Hardy—Transforming Natural Landscape into Sacred Place: The Huacas of Inca Cuzco
10:45 Adrienne Bryan—Exploring the significance of the spaces in the Ceque System of the Inca
11:00 Bill Sillar—Serving Suggestions: Characterising Pottery Use at an Inka Waqa