

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 Gudino and Estanislao Pazmiño—Incas at the tropical forest site of Palmitopamba in northwestern Ecuador
9:30 Colin McEwan—To have and to hold? Re-examining the Inca presence on the Pacific coast of Ecuador.
9:45 Robert Thompson—Food Residues and Inca Lifeways at Palmitopamba, Ecuador
10:00 David Brown, Mark Willis and Byron Camino—Standing at the edge of empire: the view from the tiniest Inka fort in Ecuador
10:15 John Staller—San Catequilla de Pichincha: Lightning Huacas, Ancient Astronomy, and Inca Expansion
10:30 Samuel Connell, Chad Gifford and Eric Fries—What Happens after You Resist The Inka Invaders for a Decade and They Sacrifice Everybody? You Get Colonized by the Spanish
10:45 Catherine Julien—Discussant
11:00 Frank Salomon—Discussant

[16] SYMPOSIUM ■ EXPLORING SEX AND GENDER IN BIOARCHAEOLOGY

Room: 202 (CC)

Time: 8:00 AM–11:30 AM

Organizers and Chairs: Sabrina Agarwal and Julie Wesp

Participants:

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

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

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

Room: 307 (CC)

Time: 8:00 AM–11:15 AM

Organizer: Thomas Rocek

Chair: Robert Kelly

Participants:

- 8:00 Rachel Caspari—Demography and the Middle/Upper Paleolithic Transition
- 8:15 John Hawks—Genetic Algorithm Simulations of Stone Tool Manufacture and Cultural Transmission
- 8:30 William Rendu, Sandrine Costamagno and Liliane Meignen—Neanderthal Hunting Strategies in Southwestern Europe, Variation and Adaptation
- 8:45 Aaron Stutz and Jamie Clark—Continuity Through Transitions: A Biocultural Evolutionary Perspective on Population Dynamics and Technological Change in the Upper Pleistocene
- 9:00 Robert Kelly—Demography and Climate in Northwestern Wyoming
- 9:15 Ashley Lemke, 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 Raviello, 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—Chieftdom Development at Cerro Juan Díaz: a Mortuary Analysis
- 3:30 Lynne Lowe, Bruce R. Bachand and Thomas A. Lee—Amber, Pearl, Jade and Pyrite: Middle Formative Funerary Ornaments from Chiapa de Corzo, Chiapas, Mexico
- 3:45 Bradley Ensor—The Crafting of Maya Kinship
- 4:00 Jerald Ek—Political Intrigue in the Realm of Chakanputun: Warfare and Political Centralization during the Postclassic Period in Champotón, Campeche
- 4:15 Stephen Whittington—Intersections of Archaeology and History at Tezacoalco 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 Georarchaeological 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

millennia BC
8:30 Tristan Carter—Discussant

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

Room: 309/310 (CC)

Time: 6:00 PM–9:30 PM

Organizers: Brigitte Faugere and Christopher Beekman

Chair: Christopher Beekman

Participants:

- 6:00 Christopher Beekman—Mesoamerican Symbols of Authority in the Shaft Tomb Figures of West Mexico
6:15 Lorenza Lopez Camberos—Representaciones antropomorfas e identidad social en el centro de Jalisco durante el Preclásico tardío y el Clásico temprano
6:30 Melissa K. Logan—The Power of Gender: Paired Ceramic Figures in Late Formative West Mexico
6:45 Gabriela 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